

REGION IX

PROGRAM OF WORK/BUDGET COST

FORM	DOM.	201	5-01	-00

Project	:	Construction of By-Pass and Diversion Roads Ipil Circumferential Road, (Don Andres - Magdaup - Pangi	Net Length	:	(a) Road	2,7	280.00 In.m	2.28 km	
		Section), Zamboanga Sibugay			(b) Brgd				
					(c) Others				
Project ID	:		Target Start Date	:	-				
ocation	;	Zamboanga Sibugay	Total Project Duration			207	Calendar Days		
Station Limits	:	15+200.00 - 16+260.00; 16+580.00 - 17+800.00	No. of Pre-determined		_	46	Calendar Days		
Source of Funds	:	CY-2019	Unworkable Days	:	1.000	23	Calendar Days		

				AS SUBMITTED	AS EVALUATED		
DESCRIPTION OF WORKS TO BE DONE	QUANTITY	UNIT	% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST	
ART A: Facilities for the Engineers			1.23%	1,228,719.69			
B: Other General Requirements			0.75%	751,421.04			
C: Earthworks			48.86%	48,727,871.35			
D: Subbase and Base Course			13.60%	13,560,684.25			
E: Surface Courses			28.70%	28,623,035.18			
F: Bridge Construction			0.00%				
G: Drainage and Slope Protection Structures			2.56%	2,555,499.32		· · · · · · · · · · · · · · · · · · ·	
H: Miscellaneous Structure			4.30%	4,290,551.76			
I: Provisional Sum			0.00%	-			
J: Daywork	,		0.00%	-			

EQUIPMENT:

DESCRIPTION	REQUIRED

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

BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	1,363,963.94	
2. Materials	84,295,411.31	
3. Rental of Equipment	14,078,407.33	
4. Provisional Sum/Daywork	- 1	
5. OCM and Profit	17,711,431.98	
6. Value Added Tax	5,872,460.73	
7. EAO, 3.5%	4,316,258.64	
8. RROW Acquisition	9,848,324.70	
9. Physical Reseved (Contigency)	513,741.37	
10. TOTAL ESTIMATED COST	138,000,000.00	
	138,000,000.00	-

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	99,737,782.59	
B. OCM and Profit	17,711,431.98	
C. Value Added Tax	5,872,460.73	
D. Total Construction Cost	-	
E. Eng'g. & Administrative Overhead	4,316,258.64	
F. RROW Acquisition	9,848,324.70	
G. Physical Reserved (Contingency)	513,741.37	
H. TOTAL ESTIMATED COST	138,000,000.00	

Preparation and Submission:

JERALD R. BARRERA

DPWH ROS

Prepared by:

Checked/Submiletd by:

Engineer IV-Chairman Estimating Committee

DPWH RO9

Reviewed by:

Evaluation:

SATURNING C. TORREFRANCA

DPWH RO9

Approval:

Recommending Approval

KHADAFFY D. TANGGOL

Approved:

DWH ROS

Road, (Don Andres - Magdaup - Pangi Section), Zamboanga Sibugay

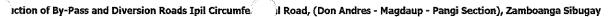
Zamboanga Sibugay

FORM POW-2015-01A-00

ITEMIZED BREAKDOWN

		OHA	DUANTITY		_	DIRECT		TOTAL U	% DIRECT		
ITEM NO.	DESCRIPTION	QOAI	4171.6	UNIT	тот	AL	UNIT	COST	TO'	TAL	COST
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATE
PART A	Facilities for the Engineers										
A.1.1 (3)	Const. of Field Office for the Enigneer	1.00		ls	487,015.63		487,015.63		603,412.37		0.49%
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	1.00		ls	300,000.00		300,000.00	27	315,000.00		0.30%
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	1.00		ls	441,704.06		441,704.06		463,789.26		0.44%
	TOTAL OF PART A				1,228,719.69						1.23%
PART B	Other General Requirements										
B.4(1)	Construction Survey and Staking	2.28		km	41,324.15		18,124.63		22,456.41		0.04%
B.5	Project Billboard	2.00		unit	12,756.96		6,378.48		7,902.94		0.01%
B.7	Occupational Safety & Health Program	1.00		ls	220,737.93		220,737.93		250,316.81		0.22%
B.9	Mobilization & Demobilization	1.00		ls	476,602.00		476,602.00		500,432.10		0.48%
	TOTAL OF PART B				751,421.04						0.75%
PART C	Earthworks										
102(1)	Unsuitable Excavation	12,456.00		cu.m	2,968,713.22		238,34		295.30		2,98%
103(1)a	Structure Excavation	330.00		cu.m	29,288.52		88.75		109.97		0.03%
103(3)	Foundation Fill	2.00		cu.m	3,553.66		1,776.83		2,201.49		0.00%
103(6)a	Pipe Culverts and Drain Excavation	75.00		cu.m	17,306.48		230.75		285.90		0.02%
104(1a)	Embankment from Roadway Excavation	15,491.00		cu.m	3,576,894.41		230.90		286.09		3,59%
104(2a)	Embankment from Borrow	8,697.00		cu.m	4,894,717.48		562.81				4.91%
104(5)	Boulder Fill	25,332.00		cu.m	37,143,311.43		1,466.26				37.24%
105(1a)	Subgrade Preparation	5,877.00		sq.m	94,086.14		16.01		19.84		0.09%
	TOTAL OF PART C				48,727,871.35						48,86%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	8,894.00		cu.m	13,560,684.25		1,524.70		1,889.10		13.60%
	TOTAL OF PART D				13,560,684.25						13.60%
PART E	Surface Courses					74					
300(1)	Gravel Surface Course	890.00		cu.m	1,217,787.24		1,368.30		1,695.32		1.22%
311(1a)	Portland Cement Concrete Pavement	1,670.00		sq.m	1,471,821.07		881.33		1,091.97		1.48%
311(1e1)	Portland Cement Concrete Pavement	16,140.00		sq.m	25,933,426.86		1,606.78		1,990.80		26.00%
	TOTAL OF PART E				28,623,035.18				-,		28,70%
PART G	Drainage and Slope Protection Structures										
	Reinforcing Steel (Grade 40)	6,674.00		kg	329,588.77		49,38		61.19		0,33%
	Reinforcing Steel (Grade 60)	13,787.00		kg	709,809.81		51.48		63.79		0.71%
	Structural Concrete, Class A	168,00		cu.m	1,179,400.18		7,020,24		8,698.08		1.18%

			1,000				
407(8)	Lean Concrete for RCBC	5.00		32,867.38	6,573.48	8,144.54	0.03%
500(1)b3	Pipe Culvert & Storm Drain	14.00	ln.m	46,969.37	3,354.95	4,156.79	0.05%
505(5)	Grouted Riprap, Class "A"	70.00	cu.m	228,104.55	3,258.64	4,037.45	0.23%
506(1)	Stone Masonry	9.00	cu.m	28,759.26	3,195.47	3,959.19	0.03%
	TOTAL OF PART G			2,555,499.32			2.56%
PART H	Miscellaneous Structure						
612(1)	Reflectorized Thermoplastic Pavement Markings White	570.00	sq.m	417,066.82	731.70	906.57	0.42%
612(2)	Reflectorized Thermoplastic Pavement Markings Yellow	60.00	sq.m	43,901.77	731.70		0.04%
715 (1)b	Separation Geotextile	17,107.00	sq.m	3,174,778.75	185.58		3.18%
622(1)b	Coconet Bio-Engineering Solutions (Coconet)	909.00	\$q.m	124,967.89	137.48	170.34	0.13%
622(2)b	Coconet Bio-Engineering Solutions (Cocologs/Fascine)	370.00	ln.m	184,880.89	499.68	619.10	0.19%
622(3)a	Coconet Bio-Engineering Solutions (Vegetation)	2,155.00	sq.m	344,955.63	160.07	198.33	0.35%
	TOTAL OF PART H			4,290,551.76			4.30%
	GRAND TOTAL			99,737,782.59			100.00%



Zamboanga Sibugay

FORM POW-2015-01B-08

MINIMUM EQUIPMENT REQUIREMENT

No.	Equipment Description	Capacity	Number of Equipment	No.	Equipment Description	Capacity	Number of Equipment
1	Dumptruck (10 Wheeler)	12 cu. Yd	Equipment 10	26			Edaibment
2	Bullduzer	12 Cd. 1G	2	27			
3	Backhoe	0.83 cu.m/1.04 cu. Yd	3	28			
4	Road Grader	0.03 ca.my1.04 ca. 10	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	10000	2	33			
	Transit Mixer	5-6 cu, Yd	4	34			
9		5-0 cu, 1a		34			
10	Portable Screed		1				
11	Concrete Vibrator		2	36			
12	Concrete Cutter		2	37			
	Bar Cutter		1	38			
14	8ar Bender		11	39			
15	Cobcrete Mixer	4-6 cu.ft/min	2	40			
	Plate Compactor		1	41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			49			
25				50			
	SUB-TOTAL			1	SUB-TOTAL		



SION IX Construction of By-Pass and Diversion Roads Ipil Circumferential Road, (Don Andres - Magdaup - Pangi Section), Zamboanga Sibugay Zamboanga Sibugay

FORM POW-2015-01C-00

					ITE	MIZED BREAKDO	WN						
							DETAILED BR	EAKDOWN OF C	OMPONENT CO	ST FOR EAC	H ITEM		
ITEM NO.	DESCRIPTION						DIREC	CT COST		TOTAL MARK-UP			70711 0007
			%·	QTY	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	S% VAT	TOTAL COST
PART A	Facilities for the Engineers			the contract of the contract o									
A 1 1 (D)	C	AS EVALUATED											
A.1.1 (3)	Const. of Field Office for the Enigneer	AS SUBMITTED	0.49%	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 7 (11)	Day Of Frankry Frankry & Andisan for Gold Frankry	AS EVALUATED											
W.T.1 (TT)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS SUBMITTED	0.30%	1.00	ls	300,000.00	7	-	300,000.00	0.00%	-	15,000.00	315,000.00
A 4 7 (F)		AS EVALUATED											. ,,
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS SUBMITTED	0.44%	1.00	ls	377,000.00	64,704.06	-	441,704.06	0.00%	- 1	22,085.20	463,789.26
		AS EVALUATED											
	TOTAL OF PART A	AS SUBMITTED	1.23%			1,077,000.00	120,987.36	30,732.33	1,228,719.69		87,662.81	65,819.13	1,382,201.63
PARTB	Other General Requirements			L									
* ***		AS EVALUATED									· · · · · · · · · · · · · · · · · · ·		
8.4(1)	Construction Survey and Staking	AS SUBMITTED	0.04%	2.28	km	12,180.00	26,444.15	2,700.00	41,324.15	18.00%	7,438.35	2,438.12	51,200.62
		AS EVALUATED							·				
8.5	Project Billboard	AS SUBMITTED	0.01%	2.00	unit	12,180.00	576.96	-	12,756.96	18.00%	2,296.25	752.66	15,805.88
		AS EVALUATED											
8.7	Occupational Safety & Health Program	AS SUBMITTED	0.22%	1.00	ls	12,360.00	208,377.93	-	220,737.93	8.00%	17,659.03	11,919.85	250,316.81
		AS EVALUATED										- Constant	
B.9	Mobilization & Demobilization	AS SUBMITTED	0.48%	1.00	ls	-	-	476,602.00	476,602.00	0.00%	-	23,830.10	500,432.10
		AS EVALUATED		-									
	TOTAL OF PART B	AS SUBMITTED	0.75%			36,720.00	235,399.04	479,302.00	751,421.04		27,393.63	38,940.73	817,755.41
PART C	Earthworks										THE PERSON NAMED IN COLUMN 1		
107(1)	The state of the s	AS EVALUATED											
102(1)	Unsuitable Excavation	AS SUBMITTED	2.98%	12,456.00	ca.w	-	134,786.38	2,833,926.84	2,968,713.22	18,00%	534,368.38	175,154.08	3,678,235.67
		AS EVALUATED											
103(1)a	Structure Excavation	AS SUBMITTED	0.03%	330.00	cu.m	-	3,570.93	25,717.59	29,288.52	18.00%	5,271.93	1,728.02	36,288.48
		AS EVALUATED					·						
103(3)	Foundation Fill	AS SUBMITTED	0.00%	2.00	cu.m	2,857.29	418,52	277.85	3,553.66	18.00%	639.66	209.67	4,402.99
100/0		AS EVALUATED											
103(6)a	Pipe Culverts and Drain Excavation	AS SUBMITTED	0.02%	75.00	cu.m	-	811.58	16,494.91	17,306.48	18.00%	3,115.17	1,021.08	21,442.73
		AS EVALUATED											,
104(1a)	Embankment from Roadway Excavation	AS SUBMITTED	3.59%	15,491.00	cu-m	-	97,101.51	3,479,792.90	3,576,894.41	18.00%	643,840.99	211,036.77	4,431,772.18
		AS EVALUATED									•		
104(2a)	Embankment from Borrow	AS SUBMITTED		8,697.00	cum	4,059,324.75	29,789.62	805,603.11	4,894,717.48	18.00%	881,049.15	288,788.33	6,064,554.95
		AS EVALUATED											
104(5)	Boulder Fill	AS SUBMITTED		25,332,00	cu.m	35,624,391.60	59,426,97	1,459,492.86	37,143,311.43	18.00%	6,585,796.06	2,191,455.37	46,020,562.86
		AS EVALUATED											
105(1a)	Subgrade Preparation	AS SUBMITTED	0.09%	5,877.00	m.pa	_	3,355.06	90,731.09	94,086.14	18.00%	16,935.51	5,551.08	116,572.73

	atom.					, in the second							
		AS EVALUATED	T .			7							-
	TOTAL OF PART C	AS SUBMITTED	48.86%			39,686,573.64	329,260.56	8,712,037.15	48,727,871.35		8,771,016.84	2,874,944.41	60,373,832_60
PART D	Subbase and Base Course						,						
200(1)	According to the Control of the Cont	AS EVALUATED											
200(1)	Aggregate Subbase Course	AS SUBMITTED	13.60%	8,894.00	cu,m	12,706,368.63	30,464.40	823,851.22	13,560,684.25	18.00%	2,440,923.16	800,080.37	16,801,687 <u>.</u> 78
	TOTAL OF PART D	AS EVALUATED											
	TOTAL OF PART D	AS SUBMITTED	13.60%			12,706,368.63	30,464.40	823,851.22	13,560,684.25		2,440,923.16	800,080.37	16,801,687.78
PART E	Surface Courses												
300(1)	Gravel Surface Course	AS EVALUATED											
300(1)	Graver Surrace Course	AS SUBMITTED	1.22%	00,028	cu.m	1,132,298.05	3,048.49	82,440.70	1,217,787.24	18.00%	219,201.70	71,849.45	1,508,838.40
311(1a)	Portiand Cement Concrete Pavement	AS EVALUATED								·			
J11(14)	Fordard Central Confederated	AS SUBMITTED	1.48%	1,670.00	sq.m	1,271,821.48	13,338.55	186,661.05	1,471,821.07	18.00%	264,927.79	86,837.44	1,823,586_31
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED											
311(101)	11 Storid California College Fayerian	AS SUBMITTED	26.00%	16,140.00	sq.m	22,313,371.02	240,629.51	3,379,426.34	25,933,426.86	18.00%	4,668,016.83	1,530,072.18	32,131,515.88
	TOTAL OF PART E	AS EVALUATED											
	TOTAL OF PART L	AS SUBMITTED	28,70%			24,717,490.54	257,016.55	3,648,528.09	28,623,035.18		5,152,146.33	1,688,759.08	35,463,940.59
PART G	Drainage and Slope Protection Structures												
404(1)a	Reinforcing Steel (Grade 40)	AS EVALUATED											*******
101(1)4	Removing See (Glade 40)	AS SUBMITTED	0.33%	6,674.00	kg	291,520.32	20,742.00	17,326.45	329,588.77	18.00%	59,325.98	19,445.74	408,360.49
404(1)h	Reinforcing Steel (Grade 60)	AS EVALUATED											
10 1(1)0	Territoring Section (Capacitor)	AS SUBMITTED	0.71%	13,787.00	kg	631,168.86	42,848.37	35,792.58	709,809.81	18.00%	127,765.77	41,878.78	879,454.36
405(1)a3	Structural Concrete, Class A	AS EVALUATED											
(17		AS SUBMITTED	1.18%	168.00	cu.m	958,097.71	152,678.55	68,623.93	1,179,400.18	18.00%	212,292.03	69,584.61	1,461,276.83
407(8)	Lean Concrete for RCBC	AS EVALUATED											
105 (05)		AS SUBMETTED	0.03%	5.00	cu.m	28,514.81	2,416.56	1,936.01	32,867.38	18.00%	5,916.13	1,939.18	40,722.68
500(1)b3	Pipe Culvert & Storm Drain	AS EVALUATED											
		AS SUBMITTED	0.05%	14.00	ln.m	34,396.34	5,303.11	7,269.91	46,969.37	18.00%	8,454.49	2,771.19	58,195.04
505(5)	Grouted Riprap, Class "A"	AS EVALUATED											
		AS SUBMITTED	0.23%	70.00	cu,m	177,152.36	31,327.45	19,624.75	228,104.55	18.00%	41,058.82	13,458.17	282,621.54
506(1)	Stone Masonry	AS EVALUATED								<u></u>			
		AS SUBMITTED	0.03%	9.00	cu.m	22,776.73	3,146.73	2,835.80	28,759.26	18.00%	5,176.67	1,696.80	35,632.72
	TOTAL OF PART G	AS EVALUATED											
		AS SUBMETTED	2.56%			2,143,627.13	258,462.77	153,409.42	2,555,499.32		459,989.88	150,774.46	3,166,263.66
PART H	Miscellaneous Structure	ļ	1										
612(1)	Reflectorized Thermoplastic Pavement Markings White	AS EVALUATED							447.055.00	40.000/	75 672 63	74.505.04	E16 745 70
		AS SUBMITTED	0.42%	570.00	sq.m	371,255.54	10,695.62	35,115.66	417,066.82	18.00%	75,072.03	24,606.94	516,745.79
612(2)	 Reflectorized Thermoplastic Pavement Markings Yellow	AS EVALUATED						2 525 22	40.004.77	40.0004	7.002.02	2 500 20	54,394.29
<u> </u>		AS SUBMITTED		60,00	sq.m	39,079.53	1,125.86	3,696.39	43,901.77	18.00%	7,902.32	2,590.20	בעדינקוינ
715 (1)b	Separation Geotextile	AS EVALUATED	0.4007	17.107.00		0.012.521.50	OF COD 773	61 404 10	D 474 770 7F	10.000/	F71 460 10	187,311.95	2 032 EE0 97
ļ		AS SUBMITTED	3.18%	17,107.00	sq.m	3,017,674.80	95,699.77	61,404.19	3,174,778.75	18.00%	571,460.18	10/,311.95	3,933,550.87
622(1)b	Coconet Bio-Engineering Solutions (Coconet)	AS EVALUATED	0.100	200.00		100 000 50	0 020 22	11.000.15	174 067 60	10 00%	22 404 22	וו מדם ד	154,835.22
ļ		AS SUBMETTED	0.13%	909.00	sq.m	104,989.50	8,039.22	11,939.17	124,967.89	18.00%	22,494.22	7,373.11	137,033,44
622(2)b	Coconet Bio-Engineering Solutions (Cocologs/Fascine)	AS EVALUATED	0.1002		I	133 663 66	48 SSS 55	1 000 75	104 000 00	10.000	22 226 Ec	10 700 71	כי לבת מרכ
ļ		AS SUBMITTED	0.19%	370.00	ln.m	172,882.50	10,907.63	1,090.76	184,880.89	18.00%	33,278.56	10,907.97	229,067.43
622(3)a	Coconet Bio-Engineering Solutions (Vegetation)	AS EVALUATED	0.2504	2 100 00		701 740 74	F 225 17	117 200 00	244 005 62	10.000	67 DO2 D1	מבי שם	ልንን ልበስ ሰ ን
		AS SUBMITTED	0.35%	2,155.00	sq.m	221,749.50	5,905.17	117,300.96	344,955.63	18.00%	62,092.01	20,352.38	427,408.03

				ALCOHOL: NO PROPERTY OF THE PR						
	TOTAL OF PART H	AS EVALUATED							1	
		AS SUBMITTED 4	4.30%	 3,927,631.37	132,373.27	230,547.13	4,290,551.76	772,299,32	253,142,55	5,315,993.63
	GRAND TOTAL	AS EVALUATED								7,020,733,00
L		AS SUBMITTED 10	00.00%	84,295,411.31	1,353,953.94	14,078,407.33	99,737,782.59	17,711,431.98	5,872,460.73	123,321,675_30





Construction of By-Pass and Diversion Roads Ipil Circumferential Road, (Don Andres - Magdaup - Pangi Section), Zamboanga Sibugay Zamboanga Sibugay

SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

FORM POW-2015-02-00

111111111111111111111111111111111111111	DECCRIPTION OF WORKS TO BE	ONE	COTTAINED DIRECT COCT	7	TOTAL MARK-UP	MAT	TOTAL INDIDECT COST	TOTAL COCT
	DESCRIPTION OF WORKS TO BE I	JONE	ESTIMATED DIRECT COST	%	TOTAL DIRECT COST	VAT	TOTAL INDIRECT COST	TOTAL COST
DADT A	Encilities for the Engineers	AS EVALUATED						
PARIA	Facilities for the Engineers	AS SUBMITTED	1,228,719.69		87,662.81	65,819.13	153,481.94	1,382,201.63
PART B	Other Canada Baguinamanta	AS EVALUATED						
PARID	Other General Requirements	AS SUBMITTED	751,421.04		27,393.63	38,940.73	66,334.37	817,755.41
DADTC	Fouthwester	AS EVALUATED						
PARIC	Earthworks	AS SUBMITTED	48,727,871.35		8,771,016.84	2,874,944.41	11,645,961.25	60,373,832.60
DADED	S. blass and Base Course	AS EVALUATED						
PART D	Subbase and Base Course	AS SUBMITTED	13,560,684.25		2,440,923.16	800,080.37	3,241,003.53	16,801,687.78
DADTE	Surface Courses	AS EVALUATED						
PART E	Surface Courses	AS SUBMITTED	28,623,035.18		5,152,146.33	1,688,759.08	6,840,905.41	35,463,940.59
DADT C	Desired Class Desired Charles	AS EVALUATED						
PART G	Drainage and Slope Protection Structures	AS SUBMITTED	2,555,499.32		459,989.88	150,774.46	610,764.34	3,166,263.66
DADTII	Minnellane Charles	AS EVALUATED						
PART H	Miscellaneous Structure	AS SUBMITTED	4,290,551.76		772,299.32	253,142.55	1,025,441.87	5,315,993.63
	TOTAL	AS EVALUATED						DECEMBER 1997
	TOTAL	AS SUBMITTED	99,737,782.59		17,711,431.98	5,872,460.73	23,583,892.71	123,321,675.30

TURNING C. TORREFRANCA

District Engineer

DPWH RO9

Preparation and Submission:

Prepared by:

JERALD R. BARRERA

Engineer II DPWH-RO9 Checked/Submiletd by:

ISIDRA A. ESTANISLAO

ngineer IV-Chairman Estimating Committe

DPWH RO9

Evaluation:

Reviewed by:

Recommending Appropriate

Approval:

KHADAFFY D. TANGGOL

OIC-Assistant Regional Director

DPWH ROS

Approved:

CAYAMOMBAO D. DIA

Regional Director DPWH RO9





Construction of By-Pass and Diversion Roads Ipil Circumferential Road, (Don Andres - Magdaup - Pangi Section), Zamboanga Sibugay Zamboanga Sibugay

FORM POW-2015-02A-00

					E	<u> </u>	<u> </u>		Г		
ITEM NO.	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	T	OTAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
PART A	Facilities for the Engineers										
A.1.1 (3)	Const. of Field Office for the Enigneer	AS EVALUATED									
	Solida Strict St	AS SUBMITTED	1.00	ls	487,015.63	18.00%	87,662.81	28,733.92	116,396.74	603,412.37	603,412.37
A 1 1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED									
	1791. 91 Farincia, equipment, experience for field Engineer	AS SUBMITTED	1.00	ls	300,000.00	0.00%	-	15,000.00	15,000.00	315,000.00	315,000.00
A 1 2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED									
(4)	Operation & Hattenance of Gov & Service vehicles	AS SUBMITTED	1.00	ls	441,704.06	0.00%	-	22,085.20	22,085.20	463,789.26	463,789.26
	TOTAL OF PART A	AS EVALUATED									
į	TOTAL OF PART A	AS SUBMITTED			1,228,719.69		87,652.81	65,819.13	153,481.94	1,382,201.63	
PART B	Other General Requirements										
D 4/1)	Construction Systems of Station	AS EVALUATED		P. Aries							
B.4(1)	Construction Survey and Staking	AS SUBMITTED	2.28	km	41,324.15	18.00%	7,438.35	2,438.12	9,876.47	51,200.62	22,456.41
- P-	Control of the contro	AS EVALUATED									
B.5	Project Billboard	AS SUBMITTED	2.00	unit	12,756.96	18.00%	2,296.25	752.66	3,048.91	15,805.88	7,902.94
5.7	0	AS EVALUATED									
B.7	Occupational Safety & Health Program	AS SUBMITTED	1.00	İs	220,737.93	8.00%	17,659.03	11,919.85	29,578.88	250,316.81	250,316.81
	MUT A OB LITERA	AS EVALUATED									
B.9	Mobilization & Demobilization	AS SUBMITTED	1.00	ls	476,602.00	0.00%	-	23,830.10	23,830.10	500,432.10	500,432.10
		AS EVALUATED			-						
	TOTAL OF PART B	AS SUBMITTED			751,421.04		27,393.63	38,940.73	66,334.37	817,755.41	
PART C	Earthworks										
400(4)		AS EVALUATED									
102(1)	Unsuitable Excavation	AS SUBMITTED	12,456.00	cnTu	2,968,713.22	18.00%	534,368.38	175,154.08	709,522.46	3,678,235.67	295.30
		AS EVALUATED									
103(1)a	Structure Excavation	AS SUBMITTED	330.00	cu.m	29,288.52	18.00%	5,271.93	1,728.02	6,999.96	36,288.48	109.97
		AS EVALUATED				·					
103(3)	Foundation Fill	AS SUBMITTED	2.00	cu.m	3,553.66	18.00%	639.66	209.67	849.33	4,402.99	2,201.49
		AS EVALUATED									
103(6)a	Pipe Culverts and Drain Excavation	AS SUBMITTED	75.00	cu.m	17,306.48	18,00%	3,115.17	1,021.08	4,136.25	21,442.73	285.90
		AS EVALUATED					·····				
104(1a)	Embankment from Roadway Excavation	AS SUBMITTED	15,491.00	COTUL	3,576,894.41	18.00%	643,840.99	211,036.77	854,877.76	4,431,772.18	286.09
		AS EVALUATED									
104(2a)	Embankment from Borrow	AS SUBMITTED	8,697.00	cum	4,894,717.48	18.00%	881,049.15	288,788.33	1,169,837.48	6,064,554.95	697.32
		AS EVALUATED									
104(\$)	Boulder Fill	AS SUBMITTED	25,332.00	cu.m	37,143,311,43	18,00%	6,685,796.06	2,191,455.37	8,877,251.43	46,020,562.86	1,816.70
		AS EVALUATED						······································	- Court		
105(1a)	Subgrade Preparation	AS SUBMITTED	5,877,00	m.pe	94,086.14	18.00%	16,935.51	5,551.08	22,486.59	116,572,73	19.84

	The state of the s										
	TOTAL OF PART C	AS EVALUATED			-						
	IOIAL OF PART C	AS SUBMITTED		<u> </u>	48,727,871.35		8,771,016.84	2,874,944.41	11,645,961.25	60,373,832.60	
PART D	Subbase and Base Course										
200743		AS EVALUATED									
200(1)	Aggregate Subbase Course	AS SUBMITTED	8,894.00	cu.m	13,560,684.25	18,00%	2,440,923.16	800,080.37	3,241,003.53	16,801,687.78	1,889.10
		AS EVALUATED						· · · · · · · · · · · · · · · · · · ·			
	TOTAL OF PART D	AS SUBMITTED			13,560,684.25	-	2,440,923.16	800,080.37	3,241,003.53	16,801,687.78	
PARTE	Surface Courses										
		AS EVALUATED									-
300(1)	Gravel Surface Course	AS SUBMITTED	890.00	cu.m	1,217,787.24	18.00%	219,201.70	71,849.45	291,051.15	1,508,838.40	1,695.32
		AS EVALUATED								-,,	
311(1a)	Portland Cement Concrete Pavement	AS SUBMITTED	1,670.00	sq.m	1,471,821.07	18.00%	264,927.79	86,837.44	351,765,24	1,823,586.31	1,091.97
ļ		AS EVALUATED	2/07/01/0	04,1117	2, 15 2,022.07	10.0070	20 450.55	55,557,11	232,703,21	1,025,500.5	2,002.5.
311(1e1)	Portland Cement Concrete Pavement	AS SUBMITTED	16,140.00	sq.m	25,933,426.86	18.00%	4,668,016.83	1,530,072.18	6,198,089.02	32,131,515.88	1,990.80
		AS EVALUATED	20,2 10.00	34.01	23,555,420.50	10.0076	4,000,010335	1,350,672.10	0,130,003.02	32,131,313.00	1,030.00
	TOTAL OF PART E	AS SUBMITTED			28,623,035.18	ļ	5,152,146.33	1,688,759.08	6,840,905.41	35,463,940.59	
PART G	Drainage and Slope Protection Structures	AS SOBILITIES			20/023/033.10	 	3,132,140.33	2,000,735.00	0,040,503.41	33,403,540,53	
FARIG	Drawage and Superrotection Structures	AS EVALUATED									
404(1)a	Reinforcing Steel (Grade 40)			1	220 500 73	10.000	50 375 00	10 445 74	70 771 77	400 300 40	64.10
		AS SUBMITTED	6,674.00	kg	329,588.77	18.00%	59,325.98	19,445.74	78,771.72	408,360.49	61.19
404(1)b	Reinforcing Steel (Grade 60)	AS EVALUATED	40.000.00		700.000.00		407 848 00	44.070.70	150 511 55	070 454 56	
ļ		AS SUBMITTED	13,787.00	kg	709,809.81	18.00%	127,765.77	41,878.78	169,644.55	879,454.36	63.79
405(1)a3	Structural Concrete, Class A	AS EVALUATED									
<u> </u>		AS SUBMITTED	168.00	cu.m	1,179,400.18	18.00%	212,292.03	69,584.61	281,876.64	1,461,276.83	8,698.08
407(8)	Lean Concrete for RCBC	AS EVALUATED									
		AS SUBMITTED	5.00	cu.m	32,867.38	18.00%	5,916.13	1,939.18	7,855.30	40,722.68	8,144_54
500(1)b3	Pipe Culvert & Storm Drain	AS EVALUATED									
ļ		AS SUBMITTED	14.00	ln.m	46,969.37	18.00%	8,454,49	2,771.19	11,225.68	58,195.04	4,156.79
505(5)	Grouted Riprap, Class "A"	AS EVALUATED									
		AS SUBMITTED	70.00	CU.M	228,104.55	18.00%	41,058.82	13,458.17	54,516.99	282,621.54	4,037.45
506(1)	Stone Masonry	AS EVALUATED									
		AS SUBMITTED	9,00	cu.m	28,759.26	18.00%	5,176.67	1,696.80	6,873.46	35,632.72	3,959.19
	TOTAL OF PART G	AS EVALUATED	 		-						
		AS SUBMITTED			2,555,499.32		459,989.88	150,774.46	610,764.34	3,166,263.66	
PART H	Miscellaneous Structure										
612(1)	 Reflectorized Thermoplastic Pavement Markings White	AS EVALUATED									
		AS SUBMITTED	570.00	sq.m	417,066.82	18.00%	75,072.03	24,606.94	99,678. 9 7	516,745.79	906.57
612(2)	Reflectorized Thermoplastic Pavement Markings Yellow	AS EVALUATED									
	The state of the s	AS SUBMITTED	570.00	sq.m	43,901.77	18.00%	7,902.32	2,590.20	10,492.52	54,394.29	95.43
715 (1)b	Separation Geotextile	AS EVALUATED									
713 (1)0	acharaton departine	AS SUBMITTED	17,107.00	sq.m	3,174,778.75	18.00%	571,460.18	187,311.95	758,772.12	3,933,550.87	229.94
622(1)b	Connect Ric Engineering Solutions (Connect)	AS EVALUATED	-	-	-						
022(1)0	Coconet Bio-Engineering Solutions (Coconet)	AS SUBMITTED	909.00	sq.m	124,967.89	18.00%	22,494.22	7,373.11	29,867.33	154,835.22	170.34
£3550\L		AS EVALUATED		-	*						
242(4)0	Coconet Bio-Engineering Solutions (Cocologs/Fascine)	AS SUBMITTED	370.00	ln.m	184,880.89	18.00%	33,278.56	10,907.97	44,186.53	229,067.43	619.10
633/31		AS EVALUATED	-	-	-						
022(3)a	Coconet Bio-Engineering Solutions (Vegetation)	AS SUBMITTED	2,155.00	sq.m	344,955.63	18,00%	62,092.01	20,352.38	82,444.40	427,400.03	198.33
			ئىسىمىسىسىسىمىم								

TOTAL OF PART H	AS EVALUATED	() -					
TOTALOFFACT	AS SUBMITTED	4,290,551.76	772,299.32	253,142.55	1,025,441.87	5,315,993.63	-
GRAND TOTAL	AS EVALUATED	-					
GRAND IOTAL	AS SUBMITTED	99,737,782.59	17,711,431.98	5,872,460.73	23,583,892.71	123,321,675.30	

123,321,675.30

Preparation and Submission:

Prepared by:

JERALD R. BARRERA

Engineer II

Checked/Submiletd by:

ISIDRA A. ESTANISLAO

Engineer IV-Chairman Estimating Committee

DPWH RO9

Evaluation: Reviewed by:

SATURNINO C. TORREFRANCA

District Engineer DPWH RO9

Construction of By-Pass and Diversion

ads Ipil Circumferential Road, (Don Andres - Magdaur Zamboanga Sibugay

ngi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

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

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

2	7.7	13	J.1	1.2	I.1	H.2	H.1	G.2	G.1		 F.2		T		F1		E.2	E.1	D.2	D.1	C.2	C.1	Γ	D.2	ر ا د					B.1		-		-	A		Γ		-	i	A	-	
Total Unit Cost - As Evaluated	Total Halt Cast - As Evaluated	Value Added Tay - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Edubitett	Sub-Total for F-1 As Subilitted	Sub-Total for E-1 As Submitted	a. Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated			Equipment	Sub-Total for B-1 As Submitted	Minor Tools (10% of Labor Cost)	b. Water Truck	a. One Bagger Mixer	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated			Labor	Sub-Total for A-1 As Submitted	d. Laborers	c. Carpenters	b. Masons	a. Construction Foreman	Labor	Designation
						uated	mitted								lumpsum	Unit													_	ц		No. of Units						6	ы	ω	1		No. of Person/s
															Þ	Quantity												1	8	32		No. of Hour/s						80	80	80	80		No. of Hour/s
(G.2+H2+I2+J1)	C 1 - H1 - H1 - H1)	50% of (C 2 H2 T2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1								400,000.00	Unit Cost													2,450.00	172.00		Hourly Rate						45.16	58.61	58.61	80.95		Hourly Rate
565,335.01	101	-0/25011	26 920 71	,	36,502.66		45,628,33		456,283.30				400,000.00		400,000.00	Amount (Php.)		56.283.30	,	1.00		56.283.30					30,732.33	5,628.33	19,600.00	5,504,00		Amount (Php.)					56,283.30	21,675.00	14,066.10	14,066.10	6,476.10		Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

•

ISIDRA A. ESTANISLAO Engineer IV

ik Ng.

Construction of By-Pass and Diversion

ads Ipil Circumferential Road, (Don Andres - Magdau Zamboanga Sibugay

ngi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

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

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

315,000.00	(G.2+H2+I2+J1)			Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	K2 2
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	J.2
15,000.00	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	J.1
	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
	10%/8% of G.1			Contractor's Profit - As Submitted	L1
	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
	1207 1007 1207 1207 02 0		milled	Overhead Contingencies & Miscellaneous (OCM) - As Sub-	H.1
300,000.00				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
300,000.00				Sub-Total for F-1 As Submitted	
300,000.00	300,000.00	1	lumpsum	a. Office Equipment/Facilities & Supplies	EI
7.4.3				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	IV-O-SMEC
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
				Direct Unit Cost (C.1 +D.1) - As Submitted	E1
1,00				Output per Hour - As Submitted	0.1
				Output from House As Evaluated	2.2
				Total (A.1+B.1) - As Submitted	13
				Sub-Total for B-2 As Evaluated	
					В.2
				Edubuiciii	
				Formant Property of the Capilliana	T
				Sub-Total for B-1 As Submitted	
					B.1
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	Π
					A.Z
					,
				Labor	
				Sub-Total for A-1 As Submitted	
					3
				Labor	> ^
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
				7 1 11 1	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Construction of By-Pass and Diversion

ads Ipil Circumferential Road, (Don Andres - Magdau ngi Section), Zamboanga Sibugay Zamboanga Sibugay

FORM-POW-2015-01D-00

Operation & Maintenance of Gov't. Service Vehicles

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

Item No./Description

..

1	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	
	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	J.1
	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
	10%/8% of G.1			Contractor's Profit - As Submitted	I.1
	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	T.H
				Direct Unit Cost (E.2+F.2) - As Evaluated	
468,704.06				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
404,000.00				Sub-Total for F-1 As Submitted	
יחט'חחט'חחד	100,000.00	1,00	ū	אי סטוו ישנו גם יבעיי	
40,000.00	10,000.00	1,00	pcs	d Sparenarks etc	
30,000.00	30,000.00	1,00	3	D. Tiras	
234,000.00	50,00	4,680.00	IUS	h Englis Oil 8. Lubricante	η .
		4	F	Materials a Diesel Eucl	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
64,704.06				Direct Unit Cost (C.1 +D.1) - As Submitted	_
				Output per Hour - As Evaluated	
			a.	Output per Hour - As Submitted	D,1
				Total (A.2+B.2) - As Evaluated	_
64,704.06				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	_
					в.2
				Equipment	
				oup-rotal for B-1 AS Submitted	
				Cub Total for B 4 As Cubrothad	
				m 11 11 11 11 11 11 11	B.1
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				rapoi	
64,704.06				Taker	
				Sub-Total for A-1 As Submitted	
64,704.06	58.61	1104	1	a. Service Driver	A.1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
	Y. Comments of the Comment of the Co	Commence of the Commence of th			_

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

ads Ipil Circumferential Road, (Don Andres - Magdau Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS ngi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

Construction Survey and Staking

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 2.28 km 1.00 Item No./Description

pcs 115
35
Unit Quantity
27
No. of Units No. of Hour/s
80
80
27
27
27
No. of Person/s No. of Hour/s

Prepared by:

JEBALD R. BARNERA Engineer II

Checked/Reviewed

Item No./Description • • Project Billboard

Unit of Measurement Output per hour-As Submitted Output per hour-As Evaluated 2.00 unit 1.00

(G.1+H1+I1+J1) (G.2+H2+I2+J1)				Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	2 2
5% of (G.2+H2+I2)	5% of (Value Added Tax - As Evaluated	
5% of (G.1+H1+I1)	5% of			Value Added Tax - As Submitted	
10%/8% of G.1	1			Contractor's Profit - As Submitted Contractor's Profit - As Evaluated	1.2
12%/9%/7%/6% of G.1	12%/		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	1.
12%/9%/7%/6% of G.1	12%/		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
				Direct Unit Cost (E.1+F.1) - As Submitted Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
				Sub-Total for F-1 As Submitted	Γ
65.00		4.00	kg	d. Assorted Sizes CWN Nails	
18.00		200,00	bd.ft	c. Assorted Lumber Sizes	
1,345.00		4.00	pcs	b. Tamaiilling (4" x 8")	F.1
		3		Materials	
Unit Cost		Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	
				Direct Unit Cost (C.1 +D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	
				Output per Hour - As Submitted	D.1
				Total (A.2+B.2) - As Evaluated	C2
				Total (A 1+B 1) - As Submitted	2
					2.0
					3
				Equipment	
				Sub-Total for B-1 As Submitted	
					5
				Equipment	ZJ
Hourly Rate	_	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
				Sub-Total for A-1 As Submitted	
45.16		4	2	c. Laborer	
58.61		4	2	b. Skilled Laborer	A.1
80.95		4	1	a. Construction Foreman	
				Labor	
noully Nate	-	No. of Hour,	No. of Ferrous		
irly Data	E C	No of Hours	No of Person/s No of Hour/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

ads Ipil Circumferential Road, (Don Andres - Magdau Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS

ngi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

Item No./Description Occupational Safety & Health Program

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

5	1.2	1.1	1.2	I.1	H.2	H.1	G.2	G.1		F.2					Ē		E.2	E.1	D.2	D.1	C.2	C.1		B.2			 B.1	! !		Ī	A.2		,uvos 46-e	 A.I				
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		I BANK I MIZ	Sub-Total for F-1 As Submitted Materials	t, naur coats (nain ruiceu, niþ teilgur sinan, riegium a talge)	D. Pairs, working Gloves (Maong Materials)	a. Pairs, Rubber Boots Men, Long with Steel Toe, Black	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted		Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	D. FIEL MINE	h Eight Aider	a Safeh, Dractitioner	Labor	Designation
					luated	mitted							pcs	pair	pair	Unit													No. of Units					7	۱	-		No. of Person/s
													27,00	24.00	24.00	Quantity													No. of Hour/s					1104	3404	n n		No. of Hour/s
(G.2+H2+I2+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1							100,00	15.00	400.00	Unit Cost													Hourly Rate					/4.14	74.44	90.05		Hourly Rate
250,316.81		11,919.85		17,659.03			•	220,737.93	×			12,360.00	2,700.00	360.00	9,600.00	Amount (Php.)	,	208,377.93	1	1.00		208,377.93							Amount (Php.)				208,377.93	163,692,84	162 602 64	44 CBE 00		Amount (Php.)

Prepared by:

JEBALD R. BARRERA Engineer II

Checked/Reviewed

ads Ipil Circumferential Road, (Don Andres - Magdau Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS ngi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

Item No./Description .. Mobilization & Demobilization

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

	(L
500,432.10	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	S E
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	_
23,830.10	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	┸
	10%/8% of G.1			Contractor's Profit - As Evaluated	
	10%/8% of G.1			Contractor's Profit - As Submitted	_
	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	
476,602.00				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					,
					TI 3
				Materials	
				Sub-Total for F-1 As Submitted	
					F,1
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
476,602.00				Direct Unit Cost (C.1 ÷D.1) - As Submitted	
				Output per Hour - As Evaluated	
				Output per Hour - As Submitted	
,,,,				Total (A.2+B.2) - As Evaluated	
476 602 00				Total (A.1+B.1) - As Submitted	C1
				Sub-Total for B-2 As Evaluated	
					в.2
				Equipment	
476,602.00				Sub-Total for B-1 As Submitted	
4/6,002,00	т,200,00	50	7	as most para Haller	
750	4 SEE 36	66	٥	Equipment a Low Red Trailer	D -
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
				Sub-Total for A-1 As Submitted	
					<u> </u>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
		Company was	200		

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

ads Ipil Circumferential Road, (Don Andres - Magdau ingi Section), Zamboanga Sibugay Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description . . Unsuitable Excavation

12,456.00 cu.m 20.00

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

K.1 Total Uni K.2 Total Uni	_		I.2 Contracto		_		G.1 Direct Un	_	5	Materials	Sub-Tota	F.1	Materials		E.2 Direct Ur															1 1 2					
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead. Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.1+F.1) - As Submitted Direct Unit Cost (E.2+F.2) - As Evaluated	Sub-Total for F-2 As Evaluated			Sub-Total for F-1 As Submitted			Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Output per Hour - As Submitted Output per Hour - As Evaluated Direct Unit Cost (C.1 ÷D.1) - As Submitted Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Output per Hour - As Submitted Output per Hour - As Submitted Output per Hour - As Evaluated Output per Hour - As Evaluated Direct Unit Cost (C.1 ÷D.1) - As Submitted Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Evaluated Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated	Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Evaluated Output per Hour - As Evaluated Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated	I for B-2 As Evaluated 1+B.1) - As Submitted 2+B.2) - As Evaluated er Hour - As Submitted er Hour - As Evaluated er Hour - As Evaluated ilt Cost (C.1 +D.1) - As Submitted ilt Cost (C.2 +D.2) - As Evaluated	If or B-2 As Evaluated 1+B.1) - As Submitted 2+B.2) - As Evaluated er Hour - As Submitted er Hour - As Evaluated er Hour - As Evaluated er Hour - As Evaluated ilt Cost (C.1 +D.1) - As Submitted ilt Cost (C.2 +D.2) - As Evaluated	Equipment Equipment Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Evaluated Output per Hour - As Evaluated Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated	der I for B-1 As Submitted It I for B-2 As Evaluated I+B.1) - As Submitted 2+B.2) - As Evaluated er Hour - As Submitted er Hour - As Evaluated er Hour - As Submitted ilt Cost (C.1 ÷D.1) - As Submitted ilt Cost (C.2 ÷D.2) - As Evaluated	der I for B-1 As Submitted It Ifor B-2 As Evaluated 1+B.1) - As Submitted 2+B.2) - As Evaluated ar Hour - As Submitted ar Hour - As Submitted ar Hour - As Evaluated ruck der der I for B-1 As Submitted It I for B-2 As Evaluated 1+B.1) - As Submitted 2+B.2) - As Evaluated ar Hour - As Submitted er Hour - As Submitted er Hour - As Submitted ilt Cost (C.1 ÷D.1) - As Submitted ilt Cost (C.2 ÷D.2) - As Evaluated	Name and Capacity It ruck De der der I for B-1 As Submitted It for B-2 As Evaluated 1+B.1) - As Submitted 2+B.2) - As Evaluated er Hour - As Submitted er Hour - As Submitted er Hour - As Submitted ilt Cost (C.1 ÷D.1) - As Submitted ilt Cost (C.2 ÷D.2) - As Evaluated	Sub-Total for A-2 As Evaluated Name and Capacity Equipment a, Dumptruck b, Backhoe c, Payloader Sub-Total for B-1 As Submitted Equipment Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Submitted Direct Unit Cost (C.1 ÷D.1) - As Submitted Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Name and Capacity It Ruck Peder If or B-1 As Submitted It or B-2 As Evaluated It HB.1) - As Submitted 1+B.1) - As Submitted 2+B.2) - As Evaluated er Hour - As Submitted er Hour - As Submitted er Hour - As Submitted er Hour - As Evaluated I for A-2 As Evaluated Name and Capacity It ruck De der If or B-1 As Submitted It If or B-2 As Evaluated 1+B.1) - As Submitted 2+B.2) - As Evaluated er Hour - As Submitted er Hour - As Submitted er Hour - As Submitted it Cost (C.1 ÷D.1) - As Submitted it Cost (C.2 ÷D.2) - As Evaluated	Sub-Total for A-1 As Submitted Labor Sub-Total for A-2 As Evaluated Name and Capacity Equipment a. Dumptruck b. Backhoe c. Payloader Sub-Total for B-1 As Submitted Equipment Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Submitted Output per Hour - As Submitted Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated	I for A-1 As Submitted I for A-2 As Evaluated Name and Capacity It ruck pe der I for B-1 As Submitted I for B-2 As Evaluated 1+B.1) - As Submitted 2+B.2) - As Evaluated er Hour - As Submitted er Hour - As Submitted er Hour - As Submitted it Cost (C.1 ÷D.1) - As Submitted it Cost (C.2 ÷D.2) - As Evaluated	I for A-1 As Submitted I for A-2 As Evaluated Name and Capacity It ruck De der for B-1 As Submitted It Ifor B-2 As Evaluated 1+B.1) - As Submitted 2+B.2) - As Evaluated er Hour - As Submitted it Cost (C.1 ÷D.1) - As Submitted it Cost (C.2 ÷D.2) - As Evaluated	b. Laborer Sub-Total for A-1 As Submitted Labor Sub-Total for A-2 As Evaluated Name and Capacity Equipment a. Dumptruck b. Backhoe c. Payloader Sub-Total for B-1 As Submitted Equipment Sub-Total for B-2 As Evaluated Output per Hour - As Submitted Output per Hour - As Submitted Direct Unit Cost (C.1 ÷D.1) - As Submitted Direct Unit Cost (C.2 ÷D.2) - As Evaluated Direct Unit Cost (C.2 ÷D.2) - As Evaluated	tion Foreman I for A-1 As Submitted I for A-2 As Evaluated Name and Capacity It ruck pe der I for B-1 As Submitted I for B-2 As Evaluated 1+B.1) - As Submitted 2+B.2) - As Evaluated er Hour - As Submitted it Cost (C.1 ÷D.1) - As Submitted it Cost (C.2 ÷D.2) - As Evaluated		
					aluated	bmitted								Unit	-									F-		1 1 2	No. of Units 2 1 1	No. of Units 2 1 1	No. of Units 2 1	No. of Units 2 1 1	No. of Units 2 1 1	No. of Units 2 1	No. of Units	No. of Units	1 3 No. of Units
														Quantity										0.10	0.10	1.00 1.00 0.10	No. of Hour/s 1.00 1.00 0.10	No. of Hour/s 1.00 1.00 0.10	No. of Hour/s 1.00 1.00 0.10	No. of Hour/s 1.00 1.00 0.10	No. of Hour/s 1.00 1.00 0.10	No. of Hour/s 1.00 1.00 0.10	1.00 No. of Hour/s 1.00 0.10	1.00 1.00 1.00 No. of Hour/s 1.00 1.00 0.10	1.00 1.00 1.00 No. of Hour/s 1.00 0.10
(G.1+H1+I1+J1) (G.2+H2+I2+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1								Unit Cost										1,733.00	1,537.00 1,733.00	1,420.00 1,537.00 1,733.00	Hourly Rate 1,420.00 1,537.00 1,733.00	Hourly Rate 1,420.00 1,537.00 1,733.00	Hourly Rate 1,420.00 1,537.00 1,733.00	Hourly Rate 1,420.00 1,537.00 1,733.00	Hourly Rate 1,420.00 1,537.00 1,733.00	Hourly Rate 1,420.00 1,537.00 1,733.00	45.16 Hourly Rate 1,420.00 1,537.00 1,733.00	80.95 45.16 Hourly Rate 1,420.00 1,537.00 1,733.00	80.95 45.16 Hourly Rate 1,420.00 1,537.00 1,733.00
295.30		14.06		19.07		23.83	238.34							Amount (Php.)		238	238.	20.	4,766. 20. 238.	4,766. 20. 238.	4,766. 20. 238.	4,766. 20. 238.	4,766. 4,766. 20.	4,550. 4,766. 20.	1,537. 173. 4,550. 4,766. - 20. - 238.	2,840. 1,537. 1737. 4,550. 4,766. - 20. - 238.	Amount (Php.) 2,840. 1,537. 173. 4,550. 4,766.	Amount (Php.) 2,840. 1,537. 173. 4,550. 4,766.	Amount (Php.) 2,840. 1,537. 1737. 1737. 1736. 4,766.	Amount (Php.) 2,840. 1,537. 173. 4,550. 4,766.	216.7 	216. 2,840. 1,537. 173. 173. 4,550. 20. 	135.0 216.0 216.0 2,840.0 1,537.0 1,737.0 4,766.0 20.0 238.0	80.9 135.4 135.4 216.4 216.4 216.4 2,840.0 1,737.0 173.3 4,750.3 4,766.3 - 20.0 - 238.3	

Prepared by:

JERALD R. BARRERA Engineer II entry.

Checked/Reviewed

ads Ipil Circumferential Road, (Don Andres - Magdau ngi Section), Zamboanga Sibugay Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description .. Structure Excavation

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 330.00 cu.m 20.00

1	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
109.97	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	
5.24	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
7.10	10%/8% of G.1			Contractor's Profit - As Submitted	I.1
	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	1.
8.88	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
Æ				Direct Unit Cost (E.2+F.2) - As Evaluated	1
88.75				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					i
		12.51			F ₂
				Materials	
				Sub-Total for F-1 As Submitted	
					i
1				Materials	<u> </u>
Allouit (Fib.)	Ollic Cost	Qualitity	Oille	wante and specification	
A COLLAN	The Property	O	- Isit	Name and Constitution	
-				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	
88 75				Direct Unit Cost (C.1 ÷D.1) - As Submitted	
20.00				Output per Hour - As Swallinged	0.1
20,00				Output nor Hour - As Evaluated	
1,775.06				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	
					В.2
rjacoto				Equipment	
1.558.64				Sub-Total for B-1 As Submitted	
21.64				c. Minor Tools (10% of Labor)	
1,537.00	1,537.00	1.00	1	b. Backhoe	D.,1
1	0.00	1.00	1	a. Dumptruck	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
216.42				Sub-Total for A-1 As Submitted	
135,47	45.16	1.00	ω	b. Laborer	A.1
80,95	80.95	1.00	1	a. Construction Foreman	
				Labor	
consens (color)	inomity indice	inoi oi ironi/o			
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

ads Ipil Circumferential Road, (Don Andres - Magdau Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS ngi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

Item No./Description . . Foundation Fill

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 2.00 cu.m 1.25

			J.1 V		I.1 C	H.2 0	H.1 0	G.2 D	G.1 D	ري اري	F.2	12	S	 F.1	اجانا		E.2 D	_			C2 -			B.2	m	اري	In.	<u>q</u>		m]		ार	A.2 -	TE	ر ارئ	-		A.1	ا بو	7-	
Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	a. niiiig wateriab	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A 1+B 1) - As Evaluated	Total for B.2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	c. Minor Tools (10% of Labor)	b. Water Truck/Pump	a, Plate Compactor	Faulament	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted			b. Laborer	a. Construction Foreman	Labor	Designation
						uated	mitted							cuill		Unit												p	-		No, of Units							4	-		No. of Person/s
														1.13		Quantity												0.01	1.00		No. of Hour/s							1.00	1.00		No. of Hour/s
(G.2+H2+I2+J1)	(G.1+H1+I1+11)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1							1,242.30		Unit Cost												2,450.00	123.00		Hourly Rate							45.16	80.95		Hourly Rate
	2 201 49		104.83		142.15		177.68	4	1,776.83				1,428.65	1,428.65		Amount (Php.)	r	348.19		1.25		42F 72				173.66	26,16	24.50	123.00		Amount (Php.)				261.58			180,63	80.95		Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Item No./Description • • Pipe Culverts and Drain Excavation

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 75.00 cu.m 20.00

A. Construction Foreinan 1 1.00 80.95	(G.2+H2+I2+J1)
J. Persony's 1 1 3 3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1	1
of Units Unit	
of Units Unit	
of Units Unit	
No. of Units No. of Units Unit	
apacity No. of Units Submitted Line Submitted Submitted Submitted Submitted Submitted	
apacity No. of Prisory's 1 3 3 3 3 4 No. of Units Submitted 2 1 Submitted Submitted Cification Unit	
apacity No. of Units 3 3 3 4 No. of Units 2 1 1 1 Unit Cification Unit	
apacity No. of Units 3 3 3 4 1 1 1 2 1 1 1 Unit	
apacity No. of Units Repaired 1 1 3 3 3 4 No. of Units 1 1 1 1 1 1 1 1 1 1 1 1 1	
apacity No. of Prisorys 1 3 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ц
apacity No. of Prisorys 1 3 3 3 4 1 1 2 1 1 1 Units Liffication Unit	
apacity No. of Units 3 3 3 4 No. of Units 2 1 1 1 Unit Unit	
apacity No. of Units 3 3 3 4 1 1 2 1 1 1 3 4 1 3 4 1 1 1 1 1 1 1 1 1 1 1 1	
apacity No. of Units 3 3 4 1 2 1 2 1 Submitted Submitted Submitted	ξ
apacity No. of Units 2 1 1 3 3 3 4 1 1 3 3 4 1 1 1 1 1 1 1 1 1	
apacity No. of Prisory's 1 1 2 1 1 1 3	
apacity No. of Units	
Capacity No. of Units	
Apacity No. of Units	
apacity No. of Units	
Apacity No. of Units	
apacity No. of Units	
apacity No. of Units	
apacity No. of Felsonys No. of Felsonys 1 2 1	1
apacity No. of Felsonys No. of Felsonys No. of Felsonys	
Tapacity No. of Funits	1
T 1 3 3	1/5
ubmitted No. of Persony's	1
ubmitted No. of Persony's	_
ubmitted No. of Personys	L
Designation No. of Person's 1	
Designation No. of Person's 1	
No. of Person's	\perp
Designation No. of retsolys	Ц
No. OF resonys	
No. of Persolly's	Щ
No of Donor	ur/s

Prepared by:

JEBALD R. BARRISRA Engineer II

Checked/Reviewed

ads Ipil Circumferential Road, (Don Andres - Magdau ngi Section), Zamboanga Sibugay Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description .. **Embankment from Roadway Excavation**

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 15,491.00 cu.m 50.00

(G.2+H2+I2+J1)
5% of (G.2+H2+I2)
5% of (G.1+H1+I1)
10%/8% of G.1
10%/8% of G.1
12%/9%/7%/6% of G.1
1707 1007 1707 1707 1
Quantity Unit Cost
2,450.00
1,846.00
2,173.00
1,420.00
1,733.00
3.379.00
No. of Hour/s Hourly Rate
45.16
80.95
01.64
AE 16
90.05
No. of Hour/s Hourly Rate

Prepared by:

JERALD R. BARRERA Engineer II Street &

Checked/Reviewed

Item No./Description Embankment from Borrow

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

8,697.00 cu.m 50.00

697.32	(G.1+H1+I1+J1) (G.2+H2+I2+J1)			Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	<u>K2</u>
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	1.2
33.21	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
	10%/8% of G.1			Contractor's Profit - As Evaluated	
45.02	10%/8% of G.1			Contractor's Profit - As Submitted	
	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
56 38 -	1206/906/706/606 of G 1		mitted	Overhead Contingencies & Miscellaneous (OCM) - As Submitted	H 1
562.81				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	ì
					F.2
466.75				Sub-Total for F-1 As Submitted Materials	
466.75	373.40	1.25	cu.m	a. Common Borrow (w/ 25% Shrinkage Factor)	F.1
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
96.06				Direct Unit Cost (C.1 +D.1) - As Submitted	E.1
50.00				Output per Hour - As Submitted Output per Hour - As Evaluated	D.2
				Total (A.2+B.2) - As Evaluated	C.2
4,802.76				Total (A.1+B.1) - As Submitted	C.1
					B.2
				Equipment	
4,631.50				Sub-Total for B-1 As Submitted	
					The base of Allaces
612.50	2,450.00	0.25	1	c. Water Truck/Pump	
1,846.00	1,846.00	1.00	.	b. Vibratory Roller	B.1
2,173.00	2,173.00	1.00	1	a. Motorized Road Grader	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	T
					A.2
				Labor	-
171.26				Sub-Total for A-1 As Submitted	
	1				
90.31	45.16	1.00	2	b. Laborer	A.1
	00.05	• 00	-	a. Construction Foreman	-
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II diana

Checked/Reviewed

nds Ipil Circumferential Road, (Don Andres - Magdau Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS ngi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

Item No./Description (\bullet,\bullet) Boulder Fill

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 25,332.00 cu.m 150.00

<u>K1</u>	J.2	1.1	L1	"		G.2	G.1	7.2	1		E		E.2	E.1	D.2	D.1	C	3		8.2				*******	8.1						A.2						A.1	-	*****	
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tay - As Submitted	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Sub-Total for F-2 As Evaluated Direct Unit Cost (E.1+F.1) - As Submitted		Materials	Sub-Total for F-1 As Submitted	a. Boulder (w/ 25% Shrinkage Factor)	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A 1+B 1) - As Submitted	Cub Tatal for B 2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted		,	Minor Tools (10% of Labor Cost)	a. Payloader	Equipment	Name and capacity	Name and Canach	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted				b. Laborer	A Construction Foreman	Labor	Designation
				uated	nitted						cu.m	Unit													L.	3		No. of Units	No of Hales								6	•		No. of Person/s
											1.05	Quantity													0.80	1.00		No. of Hour/s	No of House								1.00	100		No. of Hour/s
(G.1+H1+I1+J1) (G.2+H2+I2+J1)	5% of (G.2+H2+I2)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1						1,406.30	Unit Cost													1,420.00	1,733.00		Hourly Kate									45 16	0001		Hourly Rate
2,052.40	27.73		132.52		165,65	# CO	1.656.50			1,476.62	1,476.62	Amount (Php.)		179.88	1	50.00	0,994.00	0 000 00				8.642.19	1		3,408.00	5,199.00		Amount (Pnp.)			н		351,89	1	1	20,000	270 94			Amount (Php.)

Prepared by:

Engineer II

Checked/Reviewed

ads Ipil Circumferential Road, (Don Andres - Magdau

Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS

ngi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

Item No./Description Subgrade Preparation

Unit of Measurement Output per hour-As Submitted

Output per hour-As Evaluated

5,877.00 sq.m 300.00

H.2 H.1 G.2 D.1 F.2 F.1 8.2 8,1 A.2 A.1 Value Added Tax - As Submitted
Value Added Tax - As Evaluated
Total Unit Cost - As Submitted
Total Unit Cost - As Evaluated Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Direct Unit Cost (E.2+F.2) - As Evaluated Contractor's Profit - As Submitted Contractor's Profit - As Evaluated Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Overhead, Contingencies & Miscellaneous (OCM) -Direct Unit Cost (E.1+F.1) - As Submitted Sub-Total for F-2 As Evaluated Materials Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated Output per Hour - As Evaluated Output per Hour - As Submitted b. Laborer Sub-Total for F-1 As Submitted Materials Equipment Sub-Total for B-1 As Submitted Equipment Sub-Total for A-2 As Evaluated Sub-Total for A-1 As Submitted Labor labor Water Truck/Pump Vibratory Roller Motorized Road Grader Construction Foreman Name and Specification Name and Capacity Designation As Submitted No. of Person/s No. of Units Unit No. of Hour/s No. of Hour/s Quantity 1.00 1.00 1.00 10%/8% of G.1 5% of (G.1+H1+I1) 5% of (G.2+H2+I2) (G.1+H1+I1+J1) (G.2+H2+I2+J1) 12%/9%/7%/6% of G.1 12%/9%/7%/6% of G.1 Hourly Rate Hourly Rate 1,846.00 2,450.00 10%/8% of G.1 Unit Cost 80.95 45.16 ,173.00 Amount (Php.) Amount (Php.) Amount (Php.) 4,802.76 4,631.50 ,846.00 612.50 ,173.00 300.00 171.26 80.95 90.31 16.01 16.01 19.84 0.94 1.60 1.28

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

Item No./Description Aggregate Subbase Course

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

8,894.00 cu.m 50.00

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

ds Tpil Circumferential Road, (Don Andres - Magdaup gi Section), Zamboanga Sibugay Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description .. Gravel Surface Course

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated ** ** ** 890.00 cu.m 50.00

7.1	1							G.1 D	्रा	F.2 —	3	S	i.		7.7		D.2 O		-	C.1 To	2	B.2 -	m	2	_	19	B.1 C		[د	m		्रा	A.2 -	Te	S	 Т	Т	A.1 b.	P	Te	-1	
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	a. Uncrushed Aggregate Surface Course	Name and Specification Materials	Diffect Office Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted		diring Abraham and an and an and an and an and an and an an and an	c. Wafer Truck/Pump	b. Vibratory Roller	Motorized Boad Grader	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted			b. Laborer	a. Construction Foreman	Labor	Designation	
					uated	nitted							cu.m	Unit												,	٠,	J-	•		No. of Units							2	1		NO. Of Person/s	No of Donne (c
													1.15	Quantity												0.27	0.25	1.00	100		No. of Hour/s							1.00	1.00		No. or Hour/s	N
(G.2+H2+I2+J1)	5% of (G.2+H2+12)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1							1,106.30	Unit Cost												4/ 100.00	2 450 00	1 846 00	2 172 00		Hourly Rate							45.16	80.95		Hourly Kate	-
1,695.32	1000	80.73		109.46	1	136.83		1,368.30	1			1,272.25	1,272.25	Amount (Php.)		96.06	ī	50,00		4,802.76				4,631.50		022:30	612.50	1 846 00	2 4 7 2 00		Amount (Php.)				171.26	1 1		90.31	80.95		Amount (Php.)	

Prepared by:

JEBALD R. BARRERA Engineer II

Checked/Reviewed

ds Ipil Circumferential Road, (Don Andres - Magdaup Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS

ıgi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

Item No./Description Portland Cement Concrete Pavement

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1,670.00 sq.m 107.33

	 i	TI S	 -									i							7.3	1 [D.2	D.1	C.2	C.1		D.2	, 0	····	 					В,1								A.2				 		>			
Sub-Total for F-2 As Evaluated	Transaction of the state of the			יומנכו ומוז	Materials	Stit-Total for F-1 As Submitted	i. Grease/Tar	i, Pipe Sleeve	h. Concrete Saw	g, Cement	f, Gravel	e, Sand	d. Steel Forms	c. Asphait Sea;ant	b, Curing Compound	a, Reinforcing Steel Bar	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷U.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated			Sub-Total for B-1 As Submitted		ואואי זיסטי (זייס טו במסטו)	Minor Toole (5% of Labor)	h. Bar Culter	or Concrete Saw	f Water Trick/Dimn	e. Concrete Screeder	d. Payloader	C Concrete Ratch Plant	h Concrete Vibrator	a Transit Miver	Name and Capacity	Sub-Total for A-2 As Evaluated		Falor	Sub-iotal for A-1 As submitted	Ch Tatal for A + A C Charles		c. Laborer	b. Skilled Laborer	א ליחברי ייליים ביינים איניים	Labor	Designation
							7	m	рс	bag	cu.m	cu.m	3	4	4	6		Unit													,	J-	I-				1	3 4	Α	No. of Units							12	4 -	•		No. of Person/s
							0.008	0,008	0,000	1.430	0.150	0.083	0.460	0.120	0.290	0.330		Quantity													0.20	0.10	1.00	1 00	1.00	1.00	1 00	1.00	- 00	No. of Hour/s							1.00	1.00	1 00		No, of Hour/s
							21.00	133,00	8,000.00	276.84	1,356.30	1,306.30	40.00	/5.00	40.00	40.00		Unit Cost													F & U . J U	219.75	22 63	2 450 00	545.00	1.733.00	1 750 50	1,516,00	1 318 00	Hourly Rate							45,16	58 61	90.05		Hourly Rate
1					701.10	761 70	0.16	1,04	1.20	395,89	203.45	107.77	18,40	9.00	11.60	13.20		Amount (Php.)		120,16		107.33	1	12,896.73				12,039.47		00.71.	42 86	21 98	27 63	2 450 00	545 00	1,733.00	1 750 50	182 50	00 CCC 3	Amount (Php.)		,		857.26			541,88	234 44	00.05		Amount (Php.)

	(G.2+H2+I2+J1)	2 Total Unit Cost - As Evaluated	7.2
1,092.63	(G.1+H1+I1+J1)	1 Total Unit Cost - As Submitted	
	5% of (G.2+H2+I2)	Value Added Tax - As Evaluated	J.2
52,03	5% of (G.1+H1+I1)	Value Added Tax - As Submitted	J.1
T.	10%/8% of G.1	Contractor's Profit - As Evaluated	7.7
70.55	10%/8% of G.1	Contractor's Profit - As Submitted	1.1
1	12%/9%/7%/6% of G.1	2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	1.Z
88.19	12%/9%/7%/6% of G.1	_	H.I
1.		1	G.2
881.86		-	G.1

JEKALD R. BARRENA Engineer II

Prepared by:

Checked/Reviewed

ds Ipil Circumferential Road, (Don Andres - Magdau) Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS

ıgi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

Portland Cement Concrete Pavement

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 16,140.00 sq.m 57.50

Item No./Description

	,	F.2	 					.,			-							E.2	E.	D.2	D.1	C ₂	C.1		2.4)								8.1								A.2							A.1			
Sub-Total for F-2 As Evaluated			ridiciais	Materiale	Suft-Total for F-1 As Submitted	i Grase/Tar	I. Pipe Sleeve	h. Concrete Saw	g. Cement	f. Gravel	e. Sand	d. Steel Forms	c. Asphalt Sea;ant	b. Curing Compound	a. Reinforcing Steel Bar	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		7	Equipment	Sub-Total for B-1 As Submitted		Minor Tools (5% of Labor Cost)	n, bar cutter	g. Concrete Saw	f. Water Truck	e. Concrete Screeder	d. Payloader	c. Concrete Batch Plant	b. Concrete Vibrator	a. Transit Mixer	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		LEADON	Jahor	Sub-Total for A-1 Ac Submitted			c. Laborer	b. Skilled Laborer	a. Construction Foreman	LaDOF	Designation
					i	=	m	рc	bag	cu.m	cu.m	m	₹	ltr	Ğ		Unit														L	. 1			1	1	2	4		No. of Units								12	4	1		No. of Person/s
						0.01	0.01	0.00	2.66	0.28	0.15	0.46	0.17	0.29	0.50		Quantity														0.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00		No. of Hour/s								1.00	1.00	1.00		No. of Hour/s
						21.00	133.00	8,000.00	276.84	1,356.30	1,306.30	40.00	75.00	40.00	40.00		Unit Cost														27.617	32.63	2,450.00	545.00	1,733.00	1,759.50	91.25	1,318.00		Hourly Rate								45.16	58.61	80.95		Hourly Rate
1			AND AND A COMPANY OF THE ANALYSIS AND	1,002.10	1 382 49	0.16	1.04	1.20	736,40	379.76	201.17	18.40	12.75	11.60	20.00		Amount (Php.)	1	224.29	1	57.50	f	12,896.73					12,039.47		42,86	21.98	32.63	2,450.00	545.00	1,733.00	1,759.50	182.50	5,272.00		Amount (Php.)				02.70	35 758	1	1	541,88	234.44	80.95		Amount (Php.)

Control of the last of the las			
1	(G.2+H2+I2+J1)	K.2 Total Unit Cost - As Evaluated	K.2
1,990.80	(G.1+H1+I1+J1)	K.1 Total Unit Cost - As Submitted	K.1
ı	5% of (G.2+H2+I2)	Value Added Tax - As Evaluated	J.2
94.80	5% of (G.1+H1+I1)	Value Added Tax - As Submitted	3.1
1	10%/8% of G.1	Contractor's Profit - As Evaluated	I.2
128.54	10%/8% of G.1	Contractor's Profit - As Submitted	I.1
	12%/9%/7%/6% of G.1	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
160,68	12%/9%/7%/6% of G.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
		Direct Unit Cost (E.2+F.2) - As Evaluateo	G.2
1,606.78		G.1 Direct Unit Cost (E.1+F.1) - As Submitti	G.1

Prepared by:

JERALD R. BARRERA

Engineer I

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

ads Ipil Circumferential Road, (Don Andres - Magdau ngi Section), Zamboanga Sibugay Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description Reinforcing Steel (Grade 40)

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

6,674.00 kg 180.00

K.2	7.7	3 1.1	1	I.I	H.2	H.1	G.2	G.1	Γ	1.2	1	T		 F.1				E.2		0.2	7 2	3 5	5		B.2				1.0	2	-	T	A.2		T			A.1			
Total Unit Cost - As Evaluated	Total Unit Cost - As Culmitted	Value Added Tay - As Subilitied	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	laneous (OCM) -	(OCM) -	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated			Materials	Sub-Total for F-1 As Submitted	b. Reinforcing Steel Bar, Grade 40	a. Tie Wire	Materials	Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.1+0.1) - As Subilitied	Total (A 1+B 1) - As Submitted	_		Equipment	Sub-Total for B-1 As Submitted	c, Cargo Truck		a. Bar Cutter	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted		c. Laborer		a. Construction Foreman	Labor	Designation
					As Evaluated	mitted								kg	kg		Unit											1	1	1	No. of Units						8	2	r		No. of Person/s
														1.05	0.02		Quantity											0.15	0.50	0.50	No. of Hour/s						1.00	1.00	1.00		No. of Hour/s
(G.2+H2+I2+J1)	(G 1+H1+T1+T1)	5% of (G.1+111+11)	10%/6% OF G 1+H1+T1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1								40.00	80.00		Unit Cost											1,212.00	351.50	219.50	Hourly Rate						45.16	58.61	80.95		Hourly Rate
	61 19		301	3,95		4.94		49.38				12,00	43.68	42.00	1.68		Amount (Php.)	B	5.70	100,00	180.00	1,028.72	1 026 72				467.30	181.80	175.75	109.75	Amount (Php.)		•		559,42		361.25	117.22	80.95		Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

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

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 13,787.00 kg 180.00

2	L	17	_	_	1,0	_	_	G.1	_	7.7				 n				E.2				SE		D.2			*******		Š	D 				A.2		I				A.1		410-4	******	
Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tay - As Subillitied	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		riausi ais	Sub-Total for r-1 As Submitted	Sub-Total for E.1 Ac Submitted	b. Reinforcing Steel Bar, Grade 40	a. Tie Wire	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.1+b.1) - As Submitted	Sub-Total for B-2 As Evaluated		Espainente	Equipment	Sub-Total for B-1 As Submitted	c. Cargo Truck	b. Bar Bender	a. Bar Cutter	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	Orb Tatal fou A 4 A. Orbanitand		c. Laborer	b. Skilled Laborer	a. Construction Foreman	BELLEVI	Labor	Designation
					uated	nitted								kg	kg		Unit												1	1		No. of Units							æ	2	1			No. of Person/s
														1.05	0.02		Quantity											0.15	0.50	0.50		No. of Hour/s							1.00	1.00	1.00			No. of Hour/s
(G.2+H2+I2+J1)	(21+211+2.0) 10 0/2	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1								42.00	80.00		Unit Cost											1,212.00	351.50	219.50		Hourly Rate							45.16	58.61	80.95		0.0	Hourly Rate
-		3,04		4.12		5.15	(n)	51.48	•			45.78	47.10	44.10	1.68		Amount (Php.)		5.70	100,00	180.00	1,026.72				707.30	467 30	181.80	175.75	109.75		Amount (Php.)				559,42		. 6	361.25	117.22	80.95		3	Amount (Php.)

Prepared by:

ERALD R. BARRERA Engineer II

Checked/Reviewed

Item No./Description .. Structural Concrete, Class A

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 168.00 cu.m 1.40

2	2	1.2	7.1		H.2	E	G.2	G.1		F.2		Γ				1	n -				E.2	E.1	D.2	D.1	C.2	C.1		B.2	1	T				В.1					A.2		Ī				-	A.1		w		
Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	Value Added Tay - As Sublittled	Value Added Tay As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	f. Gravel	e, Sand	d. Cement	c, Assorted CWN		a. Lumber, Good	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated		Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		-	Fauinment	Sub-Total for B-1 As Submitted	Minor Tools (5% of Labor Cost)	c. Water Truck/Pump		a. One Bagger Mixer		Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	b, Laborer	a, Skilled Laborer	Installation/Removal of Formworks	c. Laborer		a. Construction Foreman		Labor	Designation
					ıated	nitted							cu.m	cu.m	bag	kg	R	bd.ft		Unit													1	ш	1		No. of Units					8	4		8	4	<u>щ</u>			No. of Person/s
													1.00	0.50	9.50	0.70	0.40	17.50		Quantity													0.10	1.00	1.00	ino: of flour, o	No. of Hour/s					1.00	1.00		1.00	1.00	1.00			No. of Hour/s
(G.2+H2+I2+J1)	270 U (1.411.411)	5% of (6.1+H1+11)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1							1,356.30	1,306.30	276.84	65,00	795.00	40.00		Unit Cost												al marian	2,450,00	91.25	172 00	indaily ixacc	Hourly Rate					45.16	58.61		45.16	58.61	80.95			Hourly Rate
0,030.00	9 609 09	414,19		561.62	,	702.02	н	7,020.24	*			5,702.96	1,356.30	653.15	2,630.01	45.50	318.00	700.00		Amount (Php.)		1,317.28		1.40		1,844.19				/0,1/C	571 87	63 62	245.00	91.25	172 00	Alloant (rip.)	Amount (Phn)	2	1		1,272.32	361.25	234,44		361.25	234.44	80.95			Amount (Php.)

Prepared by:

JEKALD R. BARRERA Engineer II

Checked/Reviewed

Item No./Description .. Lean Concrete for RCBC

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 5.00 cu.m 1.40

		1.2	_	ļ.	_	G.2	_		7.7	 I					<u>.</u>				E.2	E.1			C.2	C.1		B.2						D 1			A.2		I			A.1				
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	f. Grave	d. Cement	C. ASSOITED CWN	b. Marine Plywood	a. Lumber, Good	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	Minor Tools (5% of Labor Cost)	c. Water Truck/Pump	b. Concrete Vibrator	a. One Bagger Mixer	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted		c. Laborer	b. Skilled Laborer	a. Construction Foreman	LAIVI	Lahor	Designation
				uated	nitted						600000	CLIM	pag	kg	pc	bd.ft		Unit												1	1	-	No. of Units						8	4	1			No. of Person/s
											1.00	1 00	9.50	0.70	0.40	17.50		Quantity												0.10	1.00	1.00	No. of Hour/s						1.00	1.00	1.00			No. of Hour/s
(G.1+H1+I1+J1) (G.2+H2+I2+J1)	5% of (G.1+H1+11)	10%/8% of G.1	10%/8% of G.1	2%/9%/7%/6% of G.1	2%/9%/7%/6% of G.1						+1000.00	1,306.30	276,84	65.00	795.00	40.00		Unit Cost												2,450.00	91.25	172.00	Hourly Rate						45.16	58.61	80.95			Hourly Rate
8,144.54	387,84		525,88		657.35		6,573.48	1		מוימביזט	5.702.96	1 356 30	2,630.01	45.50	318.00	700.00		Amount (Php.)	r	870.51	•	1.40		1.218.72				542.08	33.83	245.00	91.25	172.00	Amount (Php.)				676,64		361.25	234.44	80.95		Annowing (Links)	Amount (Php.)

Prepared by:

JERALD R. BARRENA Engineer II

Checked/Reviewed

Item No./Description Pipe Culvert & Storm Drain

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 14.00 ln.m 1.00

K2	-	J.2	1.1	1.2	I.1	H.2	H.1	G.2	G.1		F.2		Π		1	ņ			E.2		2.2	0.1	C.2	C.1		В.2				В.1	2			A.Z	<u></u>			-		A.1				
Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	Vaíue Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	d. Sand Bedding/Selected Sandy Soll	c. RC Pipes (910 mm dla.)	b. Sand	a. Portland Cement	Name and Specification	Direct Unit Cost (C, Z ÷D,Z) - As Evaluated	Direct Unit Cost (C.1 +U.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	Minor Tools (10% of Labor Cost)	b. Plate Compactor	a. Backhoe	Name and Capacity	Sub-Total for A-2 As Evaluated		THE PARTY OF	Lahor	Sub-Total for A-1 As Submitted		c. Laborer	b. Skilled Laborer	a. Construction Foreman	Labor		Designation
						luated	mitted							cu.m	pc	cu.m	bag	Unit												ъ	-	No. of Units							4	2	1		ito, or i cloonly o	No. of Person/s
														0.13	1.00	0.06	1,08	Quantity												0.29	0.29	No. of Hour/s							1.00	1.00	1.00		no. or rioul/s	No. of Hour/s
(G.2+H2+I2+J1)	(G.1+H1+I1+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1							1,306.30	1,911.00	1,306.30	276,84	Unit Cost												123.00	1,537,00	Hourly Rate							45.16	58.61	80.95		indiny ixaec	Hourly Date
	4.156.79	*	197.94		268.40		335.50		3,354.95	*			2,456,88	167.21	1,911.00	79.68	298.99	Amount (Php.)	1	898,07	2000	1.00		898.07				519.28	37.88	35.67	445.73	Amount (Php.)					378.79		180,63	117.22	80.95		Allount (rilp.)	Amount (Dhn)

Prepared by:

JEPALD R. BARRERA Engineer II

Checked/Reviewed

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

Unit of Measurement --70.00 cu.m

Output per hour-As Submitted : 1.25
Output per hour-As Evaluated

K.2	V. 7	3 1	1.1	1.1	1.2	H.H.	G.2	G.1		F.2							F.1				E.2	E.1	D.2	D.1	C.2	C.1		В.2		T		-	L'd	0	-			A.2	-	Τ	-		A.1		***************************************
Total Unit Cost - As Evaluated	Total I half Cost As Evaluated	Value Added Tax As Sublinted	Value Added Tay - As Submitted	Contractor's Profit - As Submitted	Overhead, contribercies & Miscella leous (OCM) - As Eval	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	Miscellaneous (1% of Materials Cost)	f, Boulder	e. Filter Cloth	d. Weep Holes	c. Gravel Fill	b. Sand	a. Portland Cement	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Fordisment	Sub-Total for B.1 As Submitted	Minor Tools (10% of Labor Cost)	b. Water Truck/Pump	a. One Bagger Mixer	Egylpment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted		c. Laborer	b. Skilled Laborer	a. Construction Foreman	Designation
					nated	mitted								cu.m	sq.m	3	cu.m	cu.m	ban	Unit													1	1		No. of Units						8	2	H	No. of Person/s
														1.05	0.02	0.30	0.02	0.21	2.50	Quantity													0.05	1.00		No. of Hour/s						1.00	1.00	1.00	No. of Hour/s
(G.2+H2+I2+J1)	5% OF (G.Z+HZ+1Z)	570 OF (G.1+H1+11)	10%/8% OF G.1	10%/8% of G.1	1290/9%//%/6% OF G.1	12%/9%/7%/6% of G.1								1,406.30	160.00	133.00	1.356.30	1.306.30	276 84	Unit Cost													2,450.00	172.00		Hourly Rate						45.16	58.61	80.95	Hourly Rate
4,037.45	4 000 47	07.761	103.76	260,69		325,86		3,258.64	1			2,530.75	25,06	1.476.62	2.40	06 65	20.34	274.32	602 11	Amount (Php.)	•	727.89	**	1.25	1	909.86				350,44		55.94	122.50	172.00		Amount (Php.)	1	1		559,42		361.25	117,22	80.95	Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

ads Ipil Circumferential Road, (Don Andres - Magdau Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS

ngi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 9.00 cu.m 1.60

Item No./Description

. .

Stone Masonry

G.1 Direct Unit Cosi G.2 Direct Unit Cosi H.1 Overhead, Coni H.2 Overhead, Coni H.2 Contractor's Pro I.2 Contractor's Pro I.1 Value Added Ta J.1 Value Added Ta									Sub-Total for F	F.2	Materials	Sub-Total for F	r. Boulder	e, Filter Cloth	d. Weep Holes	F.1 c. Gravel Fill	b. Sand	a. Portland Cement	Materials		E.2 Direct Unit Cost			_	C.2 Total (A.2+B.2)		_	B.2 —	Equipment	Sub-Total for B	Minor Tools (10	c. Backhoe	B.1 b. Water Truck/Pump		Equipment		Sub-Total for A	A.2	Labor	1 show	C.b. Table C.			A.1 b. Skilled Laborer	a. Construction Foreman	Labor	
Contractor's Profit - As Evaluated Value Added Tax - As Submitted Value Added Tax - As Evaluated	ofit - As Evaluated	ofit - As Evaluated		Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		A TO CHOTTING	Sub-Total for F-1 As Submitted	of Matorials Care					nt		Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A 1+B 1) - As Submitted	-2 As Evaluated			Sub-Total for B-1 As Submitted)% of Labor Cost)		/Pump	Mixer	transe and capacity	Name and Canachy	Sub-Total for A-2 As Evaluated			Sap-Total Iol W-T We Sabilitied				3 000000	oreman		Designation
					luated	mitted							cu.m	sq.m	m	cu.m	cu.m	bag		Unit												r)	- ,	-	No. of office	No of Inite							20 1	> F	-		No. of Person/s
													1.05	0.02	0.30	0.02	0.21	2.50		Quantity												0.10	0.05	1.00	No. of Flour/s	No of Hours						1.00	100	1 00	100		No. of Hour/s
5% of (G.2+H2+I2)	-	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1							1,406.30	160.00	133.00	1,356.30	1,306.30	276.84		Unit Cost											1,000,000	1.537.00	2 450 00	172 00	nouny rate	House Data						12:10	45.16	59 61	90.05		Hourly Rate
		188,53		255,64		319.55	4	3,195.47	10.		21,000,10	25.05	1,476.62	2.40	39.90	20.34	274.32	692.11	A Park to	Amount (Php.)		664.73	•	1.60	1,003.36	1 063 56				504.14	55.94	153 70	122.00	172 00	Amount (Php.)	Amount (Plan)		5 7		559,42		201.23	3C 17C	117 22	90.05		Amount (Php.)

Prepared by: JERALD R. BARRERA Engineer II

Checked/Reviewed

ads Ipil Circumferential Road, (Don Andres - Magdau Zamboanga Sibugay DETAILED UNIT PRICE ANALYSIS

ngi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

Item No./Description Reflectorized Thermoplastic Pavement Markings White

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 570.00 sq.m 25.00

R.2	_	_							_		i	_					_	E					_	E.1			C.2	-		B.2					B.1					A.2		I				A.1			
Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Offic Cost (E.z+r.z) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Sublitated	Sub-10tal lot F-2 As Evaluated	Cub. Total for E.2 Ac Evaluated	Materials	Sub-Total for F-1 As Submitted	Miscellaneous (5% of Materials Cost)	f. Calsumine	e. LPG (12 kg)	d. LPG (50kg)	c. Primer	b. Glass Beads	a. Thermoplastic Paint (white)	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	Minor Tools (10% of Labor Cost)	c. Kneading Machine	h Applicator Machine	a. Cargo Truck/Delivery Truck	walle and capacity	Name and Canacily	Sub-Total for A-2 As Evaluated		FRIEN	app. Jordi for W. T va additioned	Sub-Total for A.1 As Submitted		c. Laborer	b. Skilled Laborer	a. Construction Foreman	Labor	Designation
						uated	mitted								kg	cyl	cyl	Itr	bag	bag		Unit											-	- -	٠,	1	No. of office	No of links							6	2	1		No. of Person/s
															0.13	0.00	0.00	0.12	0.03	0.33		Quantity											1.00	1 00	1 00	1.00	NO. OI HOUI/a	No of House							1.00	1,00	1.00		No. of Hour/s
(PL-71+71-17)	(G.1+H1+I1+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% 01 G.1	12%/9%//%/6% of G.1	12%/9%//%/6% of G.1	100 100 Pat 100							5.00	50.00	90.00	180.00	2,500.00	1,585.00		Unit Cost											707.701	187 50	03.75	1 212 00	noully Nate	House Date							45.16	58.61	80.95		Hourly Rate
	906.57		43.1/		30.34		/3.1/		731.70	731 70			651,33	31,02	0.63	0.10	0.36	21.60	82.50	515.13		Amount (Php.)		80.37	,	25.00	•	2,009.27				1,540,16	46 91	187 50	03.75	1 212 00	Amount (Prip.)	Amount (Dlan)			ħ	11,604	460 11		270.94	117.22	80.95		Amount (Php.)

Prepared by:

Engineer II

Checked/Reviewed

ads Ipil Circumferential Road, (Don Andres - Magdau

ngi Section), Zamboanga Sibugay

FORM-POW-2015-01D-00

Zamboanga Sibugay
DETAILED UNIT PRICE ANALYSIS

Item No./Description Reflectorized Thermoplastic Pavement Markings Yellow

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 60.00 sq.m 25.00

K.2			1.1		_	H.2	H.1	G.2			F.2							T					E.2	_		_	C.2	C.1	_	7'9	2						2				A.2	;				A.1			
Total Unit Cost - As Evaluated	Total Unit Cost - As Suhmitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	Miscellaneous (5% of Materials Cost)	f. Calsumine	e. LPG (12 kg)	d. LPG (50kg)	c. Primer	b. Glass Beads	a. Thermoplastic Paint (white)	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated			Equipment	Sub-Total for B-1 As Submitted	Minor Tools (10% of Labor Cost)	c. Kneading Machine	b. Applicator Machine	a. Cargo Truck/Delivery Truck	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	ישלים איני איני איני איני איני איני איני אי	Sub-Total for A.1 As Submitted	c. Laborer	b. Skilled Laborer	a. Construction Foreman	Labor	Designation
						luated	mitted								kg	ς <u>l</u>	SZ.	4	bag	bag		Unit													1	1	1		No. of Units						6	2	٠		No. of Person/s
															0.13	0.00	0.00	0.12	0.03	0.33		Quantity													1.00	1.00	1.00		No. of Hour/s						1.00	1.00	1.00		No. of Hour/s
(G.2+H2+I2+J1)	(G.1+H1+I1+I1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1								5.00	50,00	90,00	180.00	2,500.00	1,585.00		Unit Cost													187.50	93.75	1,212.00		Hourly Rate						45.16	58.61	80.95		Hourly Rate
	75.906		43.17		58.54	ī	73.17	1	731.70	•			651.33	31,02	0.63	0.10	0.36	21.60	82.50	515.13		Amount (Php.)		80.37		25.00		2,009.27					1,540.16	46.91	187.50	93.75	1,212.00		Amount (Php.)				105.11	760 44	270.94	117.22	80.95		Amount (Php.)

Prepared by: JERALD R. BARRERA Engineer II

Checked/Reviewed

Item No./Description Separation Geotextile

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

17,107.00 sq.m 100.00

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	_
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	
	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
	10%/8% of G.1			Contractor's Profit - As Evaluated	
	10%/8% of G 1		idated	Contractor's Profit - As Submitted	
	12%/9%/7%/6% of G 1		hillined	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	3 7.1
	100 000 000 000 000		i i	Direct Unit Cost (E.2+F.2) - As Evaluated	_
				Direct Unit Cost (E.1+F.1) - As Submitted	_
				Sub-Total for F-2 As Evaluated	i
				Materials	F.2
				Sub-Total for F-1 As Submitted	
					1
				Miscellaneous (5% of Materials)	TI _
	160.00	1.05	sq.m	a, Geotextiles	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	
				Direct Unit Cost (C.1 ÷D.1) - As Suhmitted	7.0
				Output per Hour - As Submitted	_
				Total (A.2+B.2) - As Evaluated	-
				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
				Sub-Total for B-1 As Submitted	
				Minor Tools (10% of Labor Cost)	
	1,212.00	0.25	ъ	a. Cargo Truck	д -
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
				Sub-Total for A-1 As Submitted	
	45.16	1.00	8	c. Laborer	
	58.61	1,00	2	b. Skilled Laborer	A.1
	80.95	1,00	1	a. Construction Foreman	
				Labor	
Amount (Pnp.)	Hourly Rate	No. or Hour/s	No. or Person/s	Designation	
		41011	H F Pausau /a	Paritabella	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Item No./Description Coconet Bio-Engineering Solutions (Coconet)

Unit of Measurement Output per hour-As Submitted 909.00 sq.m 50.00

	Output per
Designation	hour-As Evaluated
ignation	
	я
No. of Person/s	
No. of Hour/s	
Hourly Rate	
Amount (Php.)	

_		J.2 Valu	J.1 Valu	I.2 Cont	L	, -			_	_	2.7		-duS	П	T	F.1	a. Erc	Mate		E.2 Direc		_	_		C.1 Tota	-dus	в.2	Equi	Sub-	П	B.1 Mino	Equi		-duc		A.2	Labor	Sub-	T	Τ	A.1 b. Laborer	a. Co	Labor	Π	
Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated	Total for E.O. A. Evolustroi	Materials	Sub-Total for F-1 As Submitted				a. Erosion Control Net CGN 700	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted		 Minor Tools (10% of Labor Cost)	Equipment Water Truck/Dimen	Name and Capacity	Sub-Total for A-2 AS Evaluated	Total Cours of Ac Evaluated		4	Sub-Total for A-1 As Submitted			borer	a. Construction Foreman	Υ.	Designation	
						luated	mitted										sq.m		Unit												,	-	No. of Units								8	r		No. of Person/s	
																	1.05		Quantity												0.23	0.05	No. of Hour/s								1.00	1.00		No. of Hour/s	
(G.2+H2+I2+J1)	(G.1+H1+I1+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1										110.00		Unit Cost												4,130.00	2 450 00	Hourly Rate								45.16	80.95		Hourly Rate	
	170.34	_	8.11		11.00		13.75		137.48				115.50				115,50		Amount (Php.)		21.98	Ē	50.00	1	1,098.92				656.72		44.22	610 60	Amount (Php.)					442,20			361.25	80.95		Amount (Php.)	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Item No./Description .. Coconet Bio-Engineering Solutions (Cocologs/Fascine)

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

370.00 ln.m 15.00

1	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
40.18	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	2
1 H	5% of (G 2+H2+I2)			Value Added Tay - As Evaluated	
1 91	5% of (G 1+H1+I1)			Value Added Tay - As Submitted	111
2.59	10%/8% of G.1			Contractor's Profit - As Submitted	
,	12%/9%//%/6% of G.1		luated	Overnead, Contingencies & Miscellaneous (OCM) - As Evaluated	1.
3.24	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
1				Direct Unit Cost (E.2+F.2) - As Evaluated	1
32.43				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
1				Sub-Total for F-2 As Evaluated	II.
				Materials	F.2
1				Sub-Total for F-1 As Submitted	
					E
	445.00	0.00	3	a. Coco Fiber Roll (CGR 200)	
milouite (Filb.)	Cillic Cook	Suarray	Cilia	Maferials	
Amount (Bho)	linit Cost	Ouantity	l Init	Name and Specification	
a)				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
32,43				Direct Unit Cost (C.1 +D.1) - As Submitted	
-				Output per Hour - As Evaluated	_
15.00				Output per Hour - As Submitted	0 1
486,42				Total (A.1+6.1) - As Submitted	CI
				Sub-Total for B-2 As Evaluated	2
					В.2
				Espailannealie	3
44.22				Followert As Subillined	I
44.55				Sub-Tatal for R-1 As Submitted	-
44.22				Minor Tools (10% of Labor Cost)	B.1
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					N.2
, I				ши	<u>-</u> د
442.20				Tahor	T
				Sub-Total for A-1 As Submitted	
361.25	45.16	1.00	8	_	A.1
80.95	80.95	1.00		a. Construction Foreman	
				Labor	-
Amount (Php.)	Hourly Rate	No, of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERN Engineer II

Checked/Reviewed

Item No./Description Coconet Bio-Engineering Solutions (Vegetation)

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 2,155.00 sq.m 62.50

70.84	(G.1+H1+I1+J1) (G.2+H2+I2+J1)			Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	K.2
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	J.2
	5% of (G 1+H1+I1)			Value Added Tax - As Submitted	1.1
4.57	10%/8% of G.1			Contractor's Profit - As Submitted	I.1
	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
5.72	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
57 17				Direct Unit Cost (F.1+F.1) - As Submitted	G 1
				Cut-Total for E.2 As Evaluated	1.2
				Materials	3
				Sub-Total for F-1 As Submitted	
					F.1
	98.00	0.00	m.ps	a. Grass Cover	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
57.17				Direct Unit Cost (C.1 ÷D.1) - As Submitted	E.1
62.50				Output per Hour - As Suplinitied	D.2
				Total (A.2+B.2) - As Evaluated	C.2
3,573.26				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					8.2
				Equipment	
3,402.00				Sub-Total for B-1 As Submitted	
2,450.00	2,450.00	T.00	L	b. water interventing	
952.00	952.00	1.00	- -	a. Hydroseeding Machine	B.1
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
171.26				Sub-Total for A-1 As Submitted	
90.31	45.16	1.00	2	b. Laborer	A.1
80,95	80.95	1.00	1		
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

Engineer II

Checked/Reviewed

UNIT COST ANALYSIS FOR HAULING COST FOR ALL AGGREGATES

Hauling Cost from the District Office to Site

Quantity Item No ALL AGGREGATES 1,000.00 ZZ; Terrain cu.m. Flat to Rolling

Hauling Distance 5.00 8.00 J'S kn,

Effective Working Hours

Hauling

Using 10.00 cu.m. capacity Dumptruck Weight of Dumptruck (cap. 10.00 cu.m.) Unit Weight of Fine Aggrgates Unit Weight of Course Aggrgates 16,000.00 1,534.00 1,640.00 ő kg/cu.m. kg/cu.m.

Maximum Volumeto be Carried per DT 11.57 cu.m.

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

Speed when loaded 30.00 ğ

Speed when unloaded 40.00 ŝ

Loaded Running 5.00 30.00 × 60,00 ಠ mins.

Unloaded Running 5.00 40.00 × 60.00 H 7.5 mlns.

Capacity of Dumptruck Loading & Unloading Total Cycle Time 11 []][22.50 10.00 5.00 mins. cu.m. mins.

No. of trips for Dumptruck per day 11 8,00 22,50 60,00 11 21.33 trips

Dumptruck Daily Outpout Using 4 Dumptruck 11 11 10.00 213.33 $\times \times$ 21,33 4.00 11 11 213,33 853,33 cu.m.

No. of Days for Dumptruck 18 1,000.00 853.33 days

EQUIPMENT USED: (2009 ACEL RATES)
4 00 - Half Dumptruck @ P

Grand Total **Unit Cost** Estimated Quantity 4.00 - Unit Dumptruck σ 1,000.00 **10.14** 10,816.00 cu.m. /cu.m/km. (unit cost hauling per cu.m. per km.) × 1.17 days Sub-Total **~**|~ 50,700.00 50,700.00

Labor Equipment ס־ σ 50,700.00 50,700.00

ZAMBOANGA SIBUGAY 2nd DEO (using 3rd Quarter 2018)

Equipment

							•		
	Hauling		Unit Cost per		Hauling Cost		Unit Price		Unit cost per
	Distance		cu.m/km		per km.		011111100		cu.m.
Cost of Fine Aggregates	45.00	×	10.14	11	456.30	+	850.00	1)	1,306.30
Cost of Coarse Aggregates	45.00	×	10.14	11	456,30	+	900,00	ij	1,356.30
Cost of Item 200 Materalls	45.00	×	10.14	11	456.30	+	786.00	H	1,242,30
Cost of Item 201 Materalls	45.00	×	10.14	{	456.30	+	690.00	II	1,146.30
Cost of Item 300 Materalls	45.00	×	10.14	I§	456.30	+	650.00	Ħ	1,106.30
Cost of Boulders	45.00	×	10.14	H	456.30	+	950.00	11	1,406.30
Cost of Embankment, Common Borrow	10.00	×	10.14	IE	101.40	+	272.00	11	373.40
Cost of Embankment, Selected Borrow	10.00	×	10.14	Ħ	101.40	+	392.00	11	493.40

UNIT COST DERIVATION FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

47,841.62	TOTAL
665.00	Concrete Structure (Lean Concrete)
	Informatory Signs
	Sidewalk
THE PARTY OF THE P	Concrete Curb & Gutter
	Concrete Cover
	Manhole
22.50	Stone Masonry
175.00	Grouted Riprap, Class "A"
-	Reinforced Concrete Culverts Pipe, 610 mm dia
15.12	Pipe Culvert & Storm Drain
47.50	Lean Concrete for RCBC
1,596.00	Structural Concrete, Class A
42,932.40	Portland Cement Concrete Pavement
2,388.10	Portland Cement Concrete Pavement
Quantity (Bags)	Description

Quantity li 47,841.62 Bags

Delivery Charge 11 ┰ 0.12 /bag/km

UN'NC	PROJECT SITE 50.00
50.00	₹amboanga Sibugay 2nd DEO
	SIL
HALLISTO DISTANCE	STO

Average Hauling Distance from source to assumed stockpilling area: say 50.00 km.

Delivery Charge Delivery Charge 11 11 70 70 0.12 6.00 /bag \times 50.00

* Delivery Truck . . 47,841.62 20,000.00 500.00 bags, (capacity per haul) bags (hauling works) kgs., (capacity per haut)

* Capacity of Laborers unloading bags of Cement from Delivery Truck:
Assume 10 laborers can unload 500.00 bags of Cement

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

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

Loaded Running 50.00 30.00 60.00 11 100 mins.

Unloading Running П 50.00 40.00 × 60.00 75 mins.

Loading & Unloading Capacity of Dumptruck 11 11 500.00 220.00 45.00 8.00 mins, bags cu.m.

Total Cycle Time

!1

mins,

No. of trips for Dumptruck per
$$=$$
 $8.00 \times 60.00 \times 60$

Dumptruck Daily Outpout =
$$500.00 \times 2.18 = 1,090.91 \text{ cu.m.}$$

Using 4 Dumptruck = $1,090.91 \times 4.00 = 4,363.64 \text{ cu.m.}$

No. of Days for Dumptruck =
$$\frac{47,841.62}{4,363.64}$$
 = 10.96 days

LABOR:

Estimated Quantity 47,841.62 Bags

Materials	Labor	Delivery Cost	Grand Total	Unit Cost
70	ס	Ъ	ס	סר
12,917,237.40	40,350.82	287,049.72	13,244,637.94	276.84