

REGION IX

PROGRAM OF WORK/BUDGET COST

FORM		

Project	:	Construction of By-Pass and Diversion Roads - Sominot - Dumingag Road, Zamboanga del Sur	Net Length	: (a) Roa	d 2	,660.00 In.m	2.66 km
				(b) Brd	9		
				(c) Oth	ers		
roject ID	:		Target Start Date		2000-000000		
ocation	:	Zamboanga del Sur	Total Project Duration	:	216	Calendar Days	
Station Limits	:	Chainage 2760 - Chainage 5420	No. of Pre-determined	:	48	Calendar Days	
Source of Funds	•	CY-2019	Unworkable Days	:	24	Calendar Days	
			555	0.40			

	DECORPTION OF MORKS TO BE BONE	OHANTTA			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		†	1.77%	1,290,435.61			
	B: Other General Requirements			1.51%	1,099,823.03			
	C: Earthworks			25.50%	18,621,566.62			
	D: Subbase and Base Course			21.63%	15,797,610.52			
	E: Surface Courses			43.48%	31,752,137.34			
	F: Bridge Construction			0.00%	-			
	G: Drainage and Slope Protection Structures			0.16%	120,083.03			
	H: Miscellaneous Structure			5.96%	4,350,293.58			
	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	1,448,441.27	
2. Materials	47,006,343.77	
3. Rental of Equipment	24,577,164.68	
4. Provisional Sum/Daywork		
5. OCM and Profit	12,838,791.34	
6. Value Added Tax	4,293,537.05	
7. EAO, 3.5%	3,155,749.73	
8. RROW Acquisition	11,160,721.89	
9. Physical Reseved (Contigency)	519,250.26	
10. TOTAL ESTIMATED COST	105,000,000.00	

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	73,031,949.72	
B. OCM and Profit	12,838,791.34	
C. Value Added Tax	4,293,537.05	
D. Total Construction Cost	-	
E. Eng'g. & Administrative Overhead	3,155,749.73	
F. RROW Acquisition	11,160,721.89	
G. Physical Reserved (Contingency)	519,250.26	
H. TOTAL ESTIMATED COST	105,000,000.00	

repara	non	and	Subm	ussion	

JERALD R. BARRERA

Prepared by:

Checked/Submiletd by:

ISIDRA A. ESTANISLAO

Engineer IV

Evaluation:

Reviewed by:

Recommending Approval

Approval:

Approved:

KHADAFFY D TANGGOL

DFWH ROS

Engineer II DPWH RO9

DPWH RO9

DPWH RO9

ATURNINO A TORREFRANCA



Construction of By-Pass and Diversion R

- Sominot - Dumingag Road, Zamboanga del Sur

Zamboanga del Sur

FORM POW-2015-81A-00

ITEMIZED BREAKDOWN

TIEMIZEL	BREAKDOWN										,
	DESCRIPTION	QUANTITY				DIRECT	······································		TOTALU	% DIRECT	
ITEM NO.		•		UNIT	TOTA	TOTAL		COST	TOTAL		COST
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATED
PART A	Facilities for the Engineers										
A.1.1 (3)	Const. of Field Office for the Enigneer	1.00		ls	487,015.63		487,015.63		603,412.37		0.67%
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	1.00		is	316,144.06		316,144.06		331,951.26		0.43%
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	1.00		ls	487,275.92		487,275.92	Description of the second	511,639.72		0.67%
	TOTAL OF PART A				1,290,435.61						1.77%
PART B	Other General Requirements							A DECEMBER	- Additional and Addi		
B.4(1)	Construction Survey and Staking	2.66		km	44,894.15		16,877.50		20,911.22		0.06%
B.5	Project Billboard	2.00		unit	3,411.12		1,705.56		2,113.19		0.00%
8.7	Occupational Safety & Health Program	1.00		ls	336,614.76		336,614.76		381,721.14		0.46%
8.9	Mobilization & Demobilization	1.00		ls	714,903.00		714,903.00		750,648.15	Anneration	0.98%
	TOTAL OF PART B				1,099,823.03						1.51%
PARTC	Earthworks										
102(2)	Surplus Common Excavation	53,437.00		cu.m	7,620,573.75		142.61		176.69		10.43%
103(3)	Foundation Fill	3.54		cu.m	6,151.98		1,737.85		2,153.19		0.01%
103(6)a	Pipe Culverts and Drain Excavation	22.00		cu.m	5,076.57		230.75	STATE OF THE PROPERTY OF THE P	285.90		0.01%
104(1a)	Embankment from Roadway Excavation	46,015.00		cu.m	10,624,930.37		230.90	William Control	286.09		14.55%
105(1a)	Subgrade Preparation	22,789.00		sq.m	364,833.94		16.01		19.84		0.50%
	TOTAL OF PART C				18,621,566.62				Total Control		25.50%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	10,633.00		cu.m	15,797,610.52		1,485.72		1,840.80		21.63%
	TOTAL OF PART D				15,797,610.52			et all discovery			21_63%
PARTE	Surface Courses										
300(1)	Gravel Surface Course	1,316.00		cu.m	2,106,541.30		1,600.72		1,983.29		2.88%
311(1e1)	Portland Cement Concrete Pavement	18,379.00		sq.m	29,645,596.04		1,613.01		1,998.53		40.59%
	TOTAL OF PART E				31,752,137.34						43.48%
PART G	Drainage and Slope Protection Structures										
500(1)b3	Reinforced Concrete Culverts Pipe, 910 mm dia	15.00		ln.m	48,952.69		3,263.51		4,043.49		0.07%
505(5)	Grouted Riprap, Class A	6.50		cu.m	22,300.01		3,430.77		4,250.73		0.03%
506(1)	Stone Masonry	14.50		cu.m	48,830.32		3,367.61		4,172.47		0.07%
	TOTAL OF PART G			· · ·	120,083.03						0.16%
PART H	Miscellaneous Structure										
612(1)	Reflectorized Thermoplastic Pavement Markings White	664,50		sq.m	486,212.11		731.70		906.57		0.67%
622(1)a	Coconet Bio-Engineering Solutions (Coconet)	9,678,50		sq.m	1,645,620.14		170.03		210.67		2.25%

622(2)b Coconet Bio-Engineering Solutions (Cocologs/Fasc	1,020.00		628,552.65	616.23	763.51	0.86%
622(3)a Coconet Bio-Engineering Solutions (Vegetation)	9,678.50	sq.m	1,589,908.68	164.27	203.53	2.18%
TOTAL OF PART H			4,350,293.58			5.96%
GRAND TOTAL			73,031,949.72			100.00%

73,031,949.72



Construction of By-Pass and Diversion . s - Sominot - Dumingag Road, Zamboanga del Sur Zamboanga del Sur

FORM POW-2015-01B-00

MINIMUM EQUIPMENT REQUIREMENT

No.	Equipment Description	Capacity	Number of Equipment	No.	Equipment Description	Capacity	Number of Equipment
1	Dumptruck (10 Wheeler)	12 cu. Yd	10	26			
2	Bullduzer		2	27			
3	Backhoe	0.83 au.m/1.04 au. Yd	3	28			
4	Road Grader		2	29			
5	Road Roller	10 mt	2	30			
. 6	Payloader	1.50 cu.m/1.95 cu.yd	4	31			
7	Water Truck/Pump	16000L	2	32			
8	Water Tank		2	33			
9	Transit Mixer	5-6 cu. Yd	4	34		***************************************	
10	Portable Screed		1	35			
11	Concrete Vibrator		2	36			
12	Concrete Cutter		2	37			
13	Bar Cutter		1	38			
14	Bar Bender		1	39			
15	Cobcrete Mixer	4-6 cu.ft/min	2	40			
16	Plate Compactor		1	41			
17				42			
18				43		***	
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			
	SUB-TOTAL				SUB-TOTAL		
		TOTA	AL		·		†



GION IX

Construction of By-Pass and Diversion Roads - Sommot - Dumingag Road, Zamboanga del Sur Zamboanga del Sur

FORM POW-2015-01C-08

					ΠE	MIZED BREAKIN	NWN						
					TAL		DETAILED BR	EAKDOWN OF	OMPONENT CO	ST FOR EA	CH ITEM		
ITEM NO.	DESCRIPTION					DERECT COST				тот	AL MARK-UP		
			96	QTY	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL.	%	VALUE	5% VAT	TOTAL COST
PART A	Facilities for the Engineers				·								
Δ11/3)	Const. of Field Office for the Enigneer	AS EVALUATED							<u> </u>				
A.I.I (3)	Const. or Field Office for the Enigneer	AS SUBMITTED	0.67%	1.00	ls	400,000.00	56,283.30	30,732.33	487,015.63	18.00%	87,662,81	28,733.92	603,412.37
A 1 1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED		-								-	
(11)	1704. Of Farnitale, Equipment, & Appliance for Field Engineer	AS SUBMITTED	0.43%	1.00	İs	316,144.06	_	-	316,144.06	0.00%	-	15,807.20	331,951.26
A 1 2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED				100							
71112 (07	operation of Plantenance of GoV E. Service Vehicles	AS SUBMITTED	0.67%	1.00	ls	386,000.00	101,275.92	-	487,275.92	0.00%	-	24,363.80	511,639.72
	TOTAL OF PART A	AS EVALUATED											
	TOTAL OF PART A	AS SUBMITTED	1.77%			1,102,144.06	157,559.22	30,732.33	1,290,435.61		87,662.81	68,904.92	1,447,003.34
PART B	Other General Requirements												
B 4(1)	B.4(1) Construction Survey and Staking	AS EVALUATED				7746							
D. 1(2)		AS SUBMITTED	0.06%	2,66	km	15,750,00	26,444.15	2,700.00	44,894.15	18.00%	8,080.95	2,648.75	55,623.85
B.5	Project Billboard	AS EVALUATED											
		AS SUBMITTED	0.00%	2.00	unit	3,339.00	72.12	-	3,411.12	18.00%	614.00	201.26	4,226.38
B.7	Occupational Safety & Health Program	AS EVALUATED											
	- Compared out of the Committee of the C	AS SUBMITTED	0.46%	1.00	ls	10,458.00	326,156.76	_	336,614.76	8.00%	26,929.18	18,177.20	381,721.14
B.9	Mobilization & Demobilization	AS EVALUATED											
		AS SUBMITTED	0.98%	1.00	ls	1	-	714,903.00	714,903.00	0.00%	-	35,745.15	750,648.15
	TOTAL OF PART B	AS EVALUATED											
		AS SUBMITTED	1.51%			29,547.00	352,673.03	717,603.00	1,099,823.03		35,624.13	56,772.36	1,192,219.52
PARTC	Earthworks					- Control							. ******
102(2)	Surplus Common Excavation	AS EVALUATED											
202(2)	Displas Continon Excavation	AS SUBMITTED	10.43%	53,437.00	cu.m	-	152,530.35	7,468,043.40	7,620,573.75	18.00%	1,371,703.28	449,613.85	9,441,890.88
103(3)	Foundation Fill	AS EVALUATED				un-							
105(5)	Touridasor i ji	AS SUBMITTED	0.01%	3.54	cu.m	4,919.40	740.78	491.80	6,151.98	18.00%	1,107.36	362.97	7,622_30
103(6)a	Pipe Culverts and Drain Excavation	AS EVALUATED											
100(0/0	. Spc convers and brain Exception	AS SUBMITTED	0.01%	22.00	cu.m	-	238.06	4,838.51	5,076.57	18.00%	913.78	299.52	6,289.87
104(1a)	Embankment from Roadway Excavation	AS EVALUATED				7							
20 /(20)	2.104.114.115.11.114.114.114.114.114.114.114	AS SUBMITTED	14.55%	46,015.00	m.uo	- 1	288,433.67	10,335,495.70	10,624,930.37	18.00%	1,912,487.47	626,870.89	13,164,288.73
105(1a)	Subgrade Preparation	AS EVALUATED											
(/		AS SUBMITTED	0.50%	22,789.00	rr.pe	-	13,009.77	351,824.18	364,833.94	18.00%	65,670.11	21,525.20	452,029.26
	TOTAL OF PART C	AS EVALUATED											
		AS SUBMITTED	25.68%			4,919.40	454,952.63	18,161,694.59	18,621,566.62		3,351,881.99	1,098,672.43	23,072,121.04
PART D	Subbase and Bess Course												
200(1)	Aggragate Subbase Course	AS EVALUATED											***************************************
	. 18E Carra	AS SUBMITTED	21.63%	10,633.00	cu.m	14,776,254.78	36,420.95	994,934.79	15,797,610.52	18.00%	2,843,569.89	932,059.02	19,573,239.43

·		£-10.17111											
	TOTAL OF PART D	AS EVALUATED											
		AS SUBMITTED	21.63%			14,776,254.78	36,420.95	984,934.79	15,797,610.52		2,843,569,89	932,059.02	19,573,239.43
PART E	Surface Courses												
300(1)	Gravel Surface Course	AS EVALUATED								 			
700(2)		AS SUBMITTED	2,88%	1,316.00	cu.m	1,980,132.56	4,507.66	121,901.08	2,106,541_30	18.00%	379,177.43	124,285.94	2,610,004,67
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED											
	ordered scarciff contrates avenient	AS SUBMITTED	40.59%	18,379.00	sq.m	25,523,352.77	274,010.51	3,848,232.76	29,645,596.04	18.00%	5,336,207.29	1,749,090.17	36,730,893,49
	TOTAL OF PART E	AS EVALUATED											
	TOTALOTTAKTE	AS SUBMETTED	40.59%			27,503,485.33	278,518.18	3,970,133.84	31,752,137.34		5,715,384.72	1,873,376.10	39,340,896.16
PART G	Drainage and Slope Protection Structures												
500(1)63	Reinforced Concrete Culverts Pipe, 910 mm dia	AS EVALUATED											
	Total State State Street Po, 510 Min dia	AS SUBMITTED	0.07%	15.00	ln,m	35,481.60	5,681.91	7,789.19	48,952.69	18.00%	8,811.49	2,888.21	60,652.39
505(5)	Grouted Riprap, Class A	AS EVALUATED											
		AS SUBMITTED	0.03%	6.50	au.m	17,568.74	2,908.98	1,822.30	22,300.01	18.00%	4,014.00	1,315.70	27,629.72
506(1)	Stone Masonry	AS EVALUATED											· · · · · · · · · · · · · · · · · · ·
		AS SUBMETTED	0.07%	14.50	cu.m	39,191.80	5,069.73	4,568.79	48,830.32	18.00%	8,789.46	2,880.99	60,500_77
	TOTAL OF PART G	AS EVALUATED											
		AS SUBMITTED	0.16%			92,242.14	13,660.62	14,180.27	120,083.03		21,614.95	7,084.90	148,782.87
PART H	Miscellaneous Structure												
612(1)	Reflectorized Thermoplastic Pavement Markings White	AS EVALUATED											
		AS SUBMITTED	0.67%	664.50	sq.m	432,805.79	12,468.84	40,937.47	486,212.11	18.00%	87,518.18	28,686.51	602,416.80
622(1)a	Coconet Bio-Engineering Solutions (Coconet)	AS EVALUATED											
	(444,444,444,444,444,444,444,444,444,44	AS SUBMITTED	2.25%	9,678.50	sq.m	1,432,901.93	85,596.90	127,121.31	1,645,620.14	18.00%	296,211.62	97,091.59	2,038,923.35
622(2)b	Coconet Bio-Engineering Solutions (Cocologs/Fascine)	AS EVALUATED											
	,	AS SUBMITTED	0.86%	1,020.00	ln.m	595,476.00	30,069.69	3,006.97	628,552.65	18.00%	113,139.48	37,084.61	778,776.74
622(3)a	Coconet Bio-Engineering Solutions (Vegetation)	AS EVALUATED											
		AS SUBMETTED	2.18%	9,678.50	sq.m	1,036,567.35	26,521.22	526,820.11	1,589,908.68	18.00%	286,183.56	93,804.61	1,969,895.86
	TOTAL OF PART H	AS EVALUATED											
		AS SUBMITTED	5.99%			3,497,751.07	154,656.64	697,885.86	4,350,293.58		783,052.84	256,667.32	5,390,013.74
	GRAND TOTAL	AS EVALUATED											
		AS SUBMITTED	97.33%			47,006,343.77	1,448,441.27	24,577,164.68	73,031,949.72		12,838,791.34	4,293,537.05	90,164,278.11





Construction of By-Pass and Diversion Roads - Sominot - Dumingag Road, Zamboanga del Sur

Zamboanga del Sur

SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

FORM POW-2015-02-00

	DESCRIPTION OF WORKS TO BE I	ONE	ECTIMATED DIRECT COCT	7	TOTAL MARK-UP			
	DESCRIPTION OF WORRS TO BE I	OONE	ESTIMATED DIRECT COST	%	TOTAL DIRECT COST	VAT	TOTAL INDIRECT COST	TOTAL COST
DADT A	Facilities for the Engineers	AS EVALUATED						
FANI A	actifices for the Engineers	AS SUBMITTED	1,290,435.61		87,662.81	68,904.92	156,567.73	1,447,003.34
PART B	Other General Requirements	AS EVALUATED						
PARID	Outer General Requirements	AS SUBMITTED	1,099,823.03		35,624.13	56,772.36	92,396.49	1,192,219.52
DADEC	Earthworks	AS EVALUATED						The second secon
PARIC	Eardiworks	AS SUBMITTED	18,621,566.62		3,351,881.99	1,098,672.43	4,450,554.42	23,072,121.04
PART D	Subbase and Base Course	AS EVALUATED						
PARID	Subbase and base Course	AS SUBMITTED	15,797,610.52		2,843,569.89	932,059.02	3,775,628.91	19,573,239.43
DADTE	Surface Courses	AS EVALUATED						
PARIE	Surface Courses	AS SUBMITTED	31,752,137.34		5,715,384.72	1,873,376.10	7,588,760.82	39,340,898.16
PART G	Designate and Clana Destaction Structures	AS EVALUATED						
PARIG	Drainage and Slope Protection Structures	AS SUBMITTED	120,083.03		21,614.95	7,084.90	28,699.84	148,782.87
DARTH	Miccollanaous Chrushum	AS EVALUATED						
PART H	Miscellaneous Structure	AS SUBMITTED	4,350,293.58		783,052.84	256,667.32	1,039,720.17	5,390,013.74
	TOTAL	AS EVALUATED						
	TOTAL	AS SUBMITTED	73,031,949.72		12,838,791.34	4,293,537.05	17,132,328.39	90,164,278.11

Preparation and Submission:

Prepared by:

Checked/Submiletd by:

1 70

JERALD R. BARRERA

Engineer II

DPWH ROS

kea/Submileta by:

ISIDRA A. ESTANISLAO

Engineer IV

DPWH RO9

Evaluation:

Reviewed by:

SATURNINO C. TORREFRANCA

District Engineer

DPWH RO9

Approval:

Recommending Approval

KHADAFFY D. TANGGOL

OIC-Assistant Regional Director

DPWH RO9

Approved:

CAYAMOMBAO D. DIA

Regional Director
DPWH RO9



GION IX

Construction of By-Pass and Diversion Roads - Sominot - Dumingag Road, Zamboanga del Sur Zamboanga del Sur

FORM POW-2015-02A-00

ITEM NO	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	Т	OTAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	WIIT COST
						%	VALUE				2
PARTA	Facilities for the Engineers										
A 1 1 (2)		AS EVALUATED						_			
A.1.1 (3)	Const. of Field Office for the Enigneer	AS SUBMITTED	1.00	ls	487,015.63	18.00%	87,562.81	28,733.92	116,396.74	603,412.37	603,412.37
A 1 7 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED									
m. + + + + + + + + + + + + + + + + + + +	Prior. Or running, Equipment, & Appliance for Held Engineer	AS SUBMITTED	1,00	ls	316,144.06	0.00%		15,807.20	15,807.20	331,951.26	331,951.26
A 1.7 (E)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED									
maile (3)	Operation of Plaintenance of GoV E Service Venicles	AS SUBMITTED	1.00	ls	487,275.92	0.00%	-	24,363.80	24,363.80	511,639.72	511,639.72
	TOTAL OF PLATA	AS EVALUATED									
<u> </u>	TOTAL OF PART A	AS SUBMITTED			1,290,435.61		87,662.81	68,904.92	156,567.73	1,447,003.34	
PART 8	Other General Requirements										
R 4(1)		AS EVALUATED	·								
B.4(1)	Construction Survey and Staking	AS SUBMITTED	2.66	km	44,894.15	18.00%	8,080.95	2,648.75	10,729.70	55,623.85	20,911.22
8.5	Describe Different	AS EVALUATED									
9.5	Project Billboard	AS SUBMITTED	2.00	unit	3,411.12	18,00%	614.00	201,26	815.26	4,226.38	2,113.19
B.7	One and Carte C. Harley Co.	AS EVALUATED									
5.7	Occupational Safety & Health Program	AS SUBMITTED	1.00	ls.	336,614.76	8.00%	26,929.18	18,177.20	45,106.38	381,721.14	381,721.14
8.9	SS-Likewise C Daniel Likewise	AS EVALUATED									
5.9	Mobilization & Demobilization	AS SUBMITTED	1.00	ls	714,903.00	0.00%	-	35,745.15	35,745.15	750,648.15	750,648.15
	TOTAL OF PART B	AS EVALUATED			-						
	IOTAL OF PART B	AS SUBMITTED			1,099,823.03		35,624.13	56,772.36	92,396.49	1,192,219.52	
PART C	Earthworks										
102(2)	Establis Common European	AS EVALUATED									
102(2)	Surplus Common Excavation	AS SUBMITTED	53,437.00	cu.m	7,620,573.75	18.00%	1,371,703.28	449,613.85	1,821,317.13	9,441,890.88	176.69
103(3)	Foundation Fill	AS EVALUATED									
103(3)	CORRECTOR CHI	AS SUBMITTED	3.54	cu.m	6,151.98	18.00%	1,107.36	362.97	1,470.32	7,622.30	2,153.19
103(6)a	Pipe Culverts and Drain Excavation	AS EVALUATED					-				
103(0)a	ripe Curvers and Drain excavation	AS SUBMITTED	22.00	cu.m	5,076.57	18.00%	913.78	299.52	1,213.30	6,289.87	285.90
104(1a)	Embandant Sana Davidson Committee	AS EVALUATED									
10-1(10)	Embankment from Roadway Excavation	AS SUBMITTED	46,015.00	cu.m	10,624,930.37	18.00%	1,912,487.47	626,870.89	2,539,358.36	13,164,288.73	286.09
105(la)	Cultural December	AS EVALUATED				İ					
()	Subgrade Preparation	AS SUBMITTED	22,789.00	m.pe	364,833.94	18.00%	65,670.11	21,525,20	87,195.31	452,029.26	19.84
	TOTAL OF PART C	AS EVALUATED			-						
	TOTAL OF PART C	AS SUBMITTED			18,621,566.62		3,351,881.99	1,098,672.43	4,450,554.42	23,072,121.04	-
PART D	Subbase and Base Course								·····		
200(1)	Aggregate Subbase Course	AS EVALUATED			- Carlotte - Carlotte			*			
600(4)	and the suppose const	AS SUBMITTED	10,633.00	cum	15,797,610.52	18.00%	2,843,569.89	932,059.02	3,775,628.91	19,573,239.43	1,840.90

	TOTAL OF PART D	AS EVALUATED	1								
	I OTAL OF PART D	AS SUBMITTED			15,797,610.52		2,843,569.89	932,059.02	3,775,628.91	19,573,239.43	
PART E	Surface Courses										-
300(1)	Gravel Surface Course	AS EVALUATED									
300(1)	Graver Surface Course	AS SUBMITTED	1,316.00	cu.m	2,106,541.30	18.00%	379,177.43	124,285.94	503,463.37	2,610,004,67	1,983.29
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED									
311(101)	Fordand Cernent Concrete Pavernent	AS SUBMITTED	18,379.00	sq.m	29,645,596.04	18.00%	5,336,207.29	1,749,090.17	7,085,297.45	36,730,893.49	1,998.53
	TOTAL OF PART E	AS EVALUATED			-						
	TOTAL OF PARTE	AS SUBMITTED			31,752,137.34		5,715,384.72	1,873,376.10	7,588,760.82	39,340,898.16	
PART G	Drainage and Slope Protection Structures										
500(1)63	Reinforced Concrete Culverts Pipe, 910 mm dia	AS EVALUATED									-
555(1)55	Termoreta Contrate Curvers Fipe, 310 Hill tila	AS SUBMITTED	15.00	ln.m	48,952.69	18.00%	8,811.49	2,888.21	11,699.69	60,652.39	4,043.49
505(5)	Grouted Riprap, Class A	AS EVALUATED									
565(5)	orotted rapidp, class A	AS SUBMITTED	6.50	cu.m	22,300.01	18.00%	4,014.00	1,315.70	5,329.70	27,629.72	4,250.73
506(1)	Stone Masonry	AS EVALUATED									
500(2)	Storie Hassiny	AS SUBMITTED	14.50	cu.m	48,830.32	18.00%	8,789.46	2,880.99	11,670.45	60,500.77	4,172.47
	TOTAL OF PART G	AS EVALUATED			-						
	TOTAL OF TAKES	AS SUBMITTED			120,083.03		21,614.95	7,084.90	28,699.84	148,782.87	
PART H	Miscellaneous Structure										
612(1)	Reflectorized Thermoplastic Pavement Markings White	AS EVALUATED									
012(1)	Transcaring Thermoplastic Favenieric Hailangs White	AS SUBMITTED	664.50	sq.m	486,212.11	18.00%	87,518.18	28,686.51	116,204.69	602,416.80	906.57
622(1)a	Coconet Bio-Engineering Solutions (Coconet)	AS EVALUATED	Œ	-	*						
(-)-	estation by Engineering Solutions (Coconice)	AS SUBMITTED	9,678.50	sq.m	1,645,620.14	18.00%	296,211.62	97,091.59	393,303.21	2,038,923.35	210.67
622(2)b	Coconet Bio-Engineering Solutions (Cocologs/Fascine)	AS EVALUATED	2	-	-						0.000
(-,-	consist no engineering conditions (consisting)	AS SUBMITTED	1,020.00	ln.m	628,552.65	18.00%	113,139.48	37,084.61	150,224.08	778,776.74	763.51
622(3)a	Coconet Bio-Engineering Solutions (Vegetation)	AS EVALUATED	-	-	-		· ·				
	eresting britaining (+ egeandon)	AS SUBMITTED	9,678.50	sq.m	1,589,908.68	18.00%	286,183.56	93,804.61	379,988.17	1,969,896.86	203_53
	TOTAL OF PART H	AS EVALUATED			-						
	, , , , , , , , , , , , , , , , , , ,	AS SUBMITTED			4,350,293.58		783,052.84	256,667.32	1,039,720.17	5,390,013.74	
	GRAND TOTAL	AS EVALUATED			•						
		AS SUBMITTED			73,031,949.72		12,838,791.34	4,293,537.05	17,132,328.39	90,164,278.11	

Preparation and Submission:

Prepared by:

Checked/Submiletd by:

JERALD R. BARRERA

Engineer II DPWH RO9

ISIDRA A. ESTANISLAO

Engineer IV DPWH RO9 Evaluation:

Reviewed by:

SATURNINO C TORREFRANCA

District Engineer DPWH RO9

90,164,278.11

and Diversion Roads - Sominot - Dumingag Roa Zamboanga del Sur

amboanga del Sur

FORM-POW-2015-01D-00

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

1.00 ls 1.00

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

(G.2+H2+I2+J1)
12%/9%/7%/6% of G.1
12%/9%/7%/6% of G.1
l l
Quantity
8
32
No. of Hour/s
00
000
8 8
80
No. of Hour/s

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

and Diversion Roads - Sominot - Dumingag Roa Amboanga del Sur Zamboanga del Sur

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

ī.	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
331,951.26	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	_
1	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	J.2
15,807.20	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
8.	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
1	10%/8% of G.1			Contractor's Profit - As Submitted	
	12%/9%/7%/6% of G.1	71	luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
	12%/9%/7%/6% of G.1	1	mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
12				Direct Unit Cost (E.2+F.2) - As Evaluated	
316,144.06				Direct Unit Cost (E.1+F.1) - As Submitted	
				Sub-Total for F-2 As Evaluated	
					ì
					3
				Equipment	
316,144.06				Sub-Total for F-1 As Submitted	
316,144.06	316,144.06	<u></u>	lumpsum	a. Office Equipment/Facilities & Supplies	-
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
				Direct Unit Cost (C.1 +D.1) - As Submitted	
				Output per Hour - As Evaluated	
1,00				Output per Hour - As Submitted	
1				Total (A.2+B.2) - As Evaluated	
				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	
					8.2
				Equipment	
4				Sub-Total for B-1 As Submitted	
				Equipment	B.1
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	
				Charles of the charle	
					A.1
				Labor	CONTINUES
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA
Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

and Diversion Roads - Sominot - Dumingag Roa Amboanga del Sur Zamboanga del Sur

FORM-POW-2015-01D-00

Item No./Description •• 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

Ť	(G.2+H2+I2+J1)			10tal Unit Cost - As Evaluated	F. 2
426,589.72	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	1.2
20,313.80	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	3.1
) (*)	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	12	uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
1	12%/9%/7%/6% of G.1	12	mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
4				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
406,275.92				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
305,000.00				Sub-Total for F-1 As Submitted	
100,000.00	100,000.00	1.00	IS	u. spareparts etc.	
40,000.00	10,000.00	4.00	pcs	C. HOS	
30,000.00	30,000.00	1.00	ls	b. Engine Oil & Lubricants	F.1
135,000.00	50.00	2,700.00	ltrs	a. Diesel Fuel	
Altiount (Prip.)	Ollic Cost	Qualitity	Ç	Materials	
	I lait Coat	Outstille	- -	Name and Specification	
-				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
101 275 02				Direct Unit Cost (C.1 +D.1) - As Submitted	E.1
1.00				Output per Hour - As Evaluated	D.2
				Outrust per Hour - As Cylmpitted	2 5
101,275.92				Total (A.1+B.1) - As Submitted	13
t				Sub-Total for B-2 As Evaluated	2
					В.2
				E-Sulation C) (1
				Farinment	T
				Sub-Total for B-1 As Submitted	
				Equipment	23
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
18				Sub-Total for A-2 As Evaluated	T
					A.2
				Labor	espean.
101,275.92				Sub-Total for A-1 As Submitted	
				Con Tabel Con A & A Colombia	
76.577,101	20:01	*150			
101 275 0	58 61	1728	•	a. Service Driver	A.1
ranoana (mp.)	in and in an				
Amount (Phn)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

and Diversion Roads - Sominot - Dumingag Roa Zamboanga del Sur DETAXLED UNIT PRICE ANALYSIS

amboanga del Sur

FORM-POW-2015-01D-00

Item No./Description • • Construction Survey and Staking

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated ,, 2.66 km 0.20

K.1	3.2	1.1	1.2	1.1	H.2	H.1	6.2	G.1		 F.2	-	Ī		;	T .		E.2	E.1	D.2	D.1	C.2	C.1		B.2	 1	*********		8.1				A.2	MA CHILDS	T	*****		Name Article		A.1			eu-lionady	et market from
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	Miscellaneous (5% of Materials)	b. Blue Printing	Materials a Standard Stake Plan	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		a. Total Station with complete accessories	Randoment Name and Capacity	Name and Canacit.	Sub-Total for A-2 As Evaluated		LADOT	Sub-10tal for A-1 AS Submitted	C.b. Total for A 1 A C. b	a, Geodetic Engineer	(For Office Works)	c. Laborer		-	(For Field Works)	Labor	Designation
					uated	nitted							-	Sod		Unit									-			-	No. of Units						2	1		3	3	+			No. of Person/s
					ı.	1								175	40	Quantity												27	No. of Hour/s						80	80		27	27	27			No. of Hour/s
(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								40.00	200	Unit Cost											100,00	100.00	Hourly Rate						58.61	80.95		45.16	58.61	80.95			Hourly Rate
200,062.25	(H)	9,526.77	•	12,917.66	ŧ.	16,147.07	4	161,470.74	1			15,750.00	750.00	8,000.00		Amount (Php.)	•	145,720.74		0.20		29.144.15			2,700,00	2 700 00	2,700,00	00 007 0	Amount (Php.)					26,444.15	9,377.40	6,476.10		3,657.66	4,747,31	2,185.68			Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

TSIDRA A. ESTANISLAO

Engineer IV

and Diversion Roads - Sominot - Dumingag Roa Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS ımboanga del Sur

FORM-POW-2015-01D-00

Item No./Description • • Project Billboard

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated ** ** ** 2.00 unit 8.00

K2 1			7 1.7	_			_	6.1		1	F.2	1-	2 (olo	ılo		F 1 a	चा		E.2 [_	D.2 C	D.1 C		C.1 T	(A)	B.2 -	Tr	n t	۵	 B.1	177		(0)	A.2	75	- 1	21	 10	10		FI	
Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated Total Unit Cost - As Submitted	Value Added Tay - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Submitted	Overhead, contingencies & Piscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Owerhead Confingencies & Miscallaneous (OCM) - As Suba	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated			Interest Polities	Materials	d. Assorted Sizes CWN Nails	c. Assorted Lumber Sizes	b. Tarpauling (4" x 8")	a. Marine Plywood, 3/6" thk x 4' x 8'	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	Wh-Total for R-1 As Submitted		Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		LADOF	oup-Total for A-1 As subfillitied	Total for A 1 As Columbia	e, ranor ci	s salled Laborer	a. Construction Foreman	Labor	Designation
					idied	inted	1401							kg	bd.ft	pcs	pcs		Unit														No. of Units						2	2 12	H		No. of Person/s
														4.00	200,00	4.00	4.00		Quantity														No. of Hour/s						1	.	1		No. of Hour/s
(G.2+H2+I2+J1)	5% of (G.2+H2+12)	(TI+TH+T'D) 10 0/.C	5% of (G 1+H1+I1)	10%/8% of G.1	12%/9%//%/6% 01 G.1	12%/9%/7%/6% of G.1	100/ 100/ 100/ 100/ 100/ 100/							78.00	37.00	800.00	790.00		Unit Cost														Hourly Rate						45.16	58,61	80.95		Hourly Rate
5,316.72	0 210 72	390.13	306 13	537.12		6/1.41	611.	6,714.06	7				6,678.00	175.00	318,00	3,200.00	3,160.00		Amount (Php.)		36.06		8.00	***************************************	288 48								Amount (Php.)				288.48		90.31	117.22	80.95		Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

and Diversion Roads - Sominot - Dumingag Roa Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

₁mboanga del Sur

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

ATT TO SEE SEE	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
ntime of Charles	Labor				
-	a. Safety Practitioner	ď	864	80.95	60 041 88
A.1	b. First Alder	2	1728	74.14	256,214.88
	Sub-Total for A-1 As Submitted				326,156,76
	Labor				
A.2					
	Sub-Total for A-2 As Evaluated				
Street and the street	Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
3	Equipment				
1.0					
	Sub-Total for B-1 As Submitted				,
B.2	Equipment				
- Constant	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				326,156.76
2 (2	Output per Hour - As Submitted				
D.2	Output per Hour - As Evaluated				
E.1	Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated				326,156.76
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
1	Materials a. Pairs, Rubber Boots Men, Long with Steel Toe, Black	pair	24.00	400 00	9 600 00
7.7	b. Pairs, Working Gloves (Maong Materials)	pair	24.00	15.00	360.00
	C. Rain Coats (Rain Forced, Hip Length Small, Medium & Large)	pcs	24.00	100.00	498,00
T	Sub-Total for F-1 As Submitted Materials				10,458.00
1 د					
2	Direct I lait Cost (E 1 + E 1) - As Submitted				
G.2	Direct Unit Cost (E.2+F.2) - As Sublinated				336,614.76
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	nitted		12%/9%/7%/6% of G.1	I.
1.1	Contractor's Profit - As Submitted	nation		10%/8% of G.1	26,929,18
1.2	Contractor's Profit - As Evaluated			10%/8% of G.1	
13	Value Added Tax - As Submitted			5% of (G.1+H1+I1)	18,177.20
<u>K</u> 1	Total Unit Cost - As Submitted			(G.1+H1+I1+J1)	381,721.14
22	Iolai oilit cost - As Evaluated			(G.Z+HZ+IZ+JI)	*

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

s and Diversion Roads - Sominot - Dumingag Ro Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

Zamboanga del Sur

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 1.00

		<u>}</u>		Dranger ha	
	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	
750,648.15	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	K.1
1	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	_
35,745.15	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	J.1
ı	10%/8% of G.1			Contractor's Profit - As Evaluated	_
1	10%/8% of G.1			Contractor's Profit - As Submitted	
1	12%/9%/7%/6% of G.1	12	uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
1	%/9%/7%/6% of G.1	12	nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	_
1 1/200,000				Direct Unit Cost (E.2+F.2) - As Evaluated	
714 903 00				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
1				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
1				Sub-local for F-1 As Submitted	I
				0.4 T-1-16 F 4 A - O. 1-11-1	
a a					
					1,12
					ח
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Dilit Cost (C'Z +D'Z) - As Evaluated	
/14,903.00				Direct Unit Cost (C.1 - D.1) - As Evaluated	
11.4.000.00				Direct Unit Cost (C.1 +D.1) - As Submitted	
1.00				Output per Hour - As Evaluated	
-				Output per Hour - As Submitted	ᆚ
714,903.00				Total (A.1+b.1) - As Submitted	3 5
				Total (A 11B 1) As Evaluated	
					-
					В.2
				Equipment	
714,903.00				Sub-Total for B-1 As Submitted	
/14,903.00	4,233,36	Jo	C		
11.4.000.00	A 255 20	56	u	a, Low Bed Trailer	<u></u>
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	Viscosity press;
				Sub-Total for A-2 As Evaluated	T
					A.2
				THE PARTY OF THE P	
2				Labor	
				Sub-Total for A-1 As Submitted	
					- HOM
•					A.1
•					
					Time Second
2. 289 &	8			Labor	antimodes.
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	Permitteed

Prepared by:

JEKALD R. BARRERA Engineer II

Checked/Reviewed

and Diversion Roads - Sominot - Dumingag Roa Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS amboanga del Sur

FORM-POW-2015-01D-00

Item No./Description --Surplus Common Excavation

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 53,437.00 cu.m 60.00

144	5% of (G.1+H1+I1) 5% of (G.2+H2+I2) (G.1+H1+I1+J1)			Total Unit Cost - As Evaluated Total Unit Cost - As Submitted	5 2
	5% of (G.1+H1+ 5% of (G.2+H2+			value Added Tax - As Evaluated	
	5% of (G.1+H1+				_
	Carried Control of the Control of th			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	L
	12%/9%/7%/6% of G.1	1	luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Ţ.
142.61	12%/9%/7%/6% of G.1	1	mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	_
142.61				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	_
					F.2
				Interior	
				Materials	
1				Sub-Total for F-1 As Submitted	
1					
F					F 1
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
ž.				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
142.61				Direct Unit Cost (C.1 +D.1) - As Submitted	
* 00000		And the second s		Output per Hour - As Evaluated	
60.00				Output per Hour - As Submitted	
8,556.51				Total (A.2+B.2) - As Evaluated	C2
				Total (A 1+B 1) - As Culmitted	
				Sub-Total for B.2 As Evaluated	_
					B.2
				Equipment	
8.385.25	m/			Sub-Total for B-1 As Submitted	
3 840 00	1,420.00	1.00	2		
1,/33.00	1,733,00	90.1	<u></u>	c. Payloader	
1 733 00	1 733 00	1.00	<u> </u>	b. Payloader	В.1
00.000	00 075 5	1 00	•	a, Bulldozer	-
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	ואמווים מוע במשכנוץ	
		No of the last	No of Light		
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
171.26				Sub-Total for A-1 As Submitted	
90.31	75.10	1.00			
00.93	45 16	1 00	١	b. Laborer	A.1
90.05	30.08	1 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

Checked/Reviewed

and Diversion Roads - Sominot - Dumingag Roa Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

Amboanga del Sur

FORM-POW-2015-01D-00

Item No./Description ... Foundation Fill

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 3.54 cu.m 1.25

K2				I.1 (H.2	H.1	G.2	G.1	101	i	TI 3	1=	101	 F,1			E.2	_	_	_	C2	_	-	8,2				_	B.1	T			A.2 -	T=		 	 A.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	es sama g samanana	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	C. T. T. T. C		Equipment	Sub-Total for B-1 As Submitted	C. Minor Tools (10% of Labor)	b. Water Truck/Pump	a. Plate Compactor	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted		b. Laborer	a. Construction Foreman	STORE OF THE STORE	Jabor Jabor	Designation
					ated	nitted								CHAIL		Unlt												1	1		No. of Units						4	1			No. of Person/s
						11								1.13	ń	Quantity		-										0.01	1.00		No. of Hour/s						1.00	1.00			No. of Hour/s
(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			The state of the s					1,200.40	1 200 40	Unit Cost												2,450.00	123.00		Hourly Rate						45.16	80.95			Hourly Rate
2,153.19	1	102.53		139,03	(i	173.78	1	1,737.85					1,389.66	1,365,1	4 200 66	Amount (Php.)	à	348.19		1 25	430,23	407 00				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

and Diversion Roads - Sominot - Dumingag Roa Zamboanga del Sur DETAXLED UNIT PRICE ANALYSIS

amboanga del Sur

FORM-POW-2015-01D-00

Item No./Description Pipe Culverts and Drain Excavation

• •

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --22.00 cu.m 20.00

	(G.2+H2+I2+J1)			Total Office - As Evaluated	7.4
	(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	1.1
	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	12	uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
	120%/90%/70%/60% of G 1	13	mitted	Overhead. Contingencies & Miscellaneous (OCM) - As Submitted	
				Direct Unit Cost (E.1+F.1) - As Submitted	6.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Piducifalis	
				Sub-lotal for F-1 As Submitted	
					F,1
				Materials	-
Amount (Php.)	Unit Cost	Quantity	Unlt	Name and Specification	
			-	Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
				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	C.1
				Sub-Total for B-2 As Evaluated	
					8.2
				Equipment	_
				Sub-Total for B-1 As Submitted	
	-/			c. Minor Tools (10% of Labor)	
	1.537.00	1.00	1	b. Backhoe	В.1
	4 400	8	٥	a. Dumntruck	
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	
	TO SAC				
	45.16	1,00	ω	b. Laborer	A.1
	80.95	1.00	14	a. Construction Foreman	
				Mapon	
, 411041	The state of the s				
Amount (Php.)	Hourly Rate	No. of Hour/s	No, of Person/s	Designation	
		Contraction of the last of the	NAME AND ADDRESS OF THE OWNER,		_

Prepared by:

JERALD R. BARRERA
Engineer II

Checked/Reviewed

and Diversion Roads - Sominot - Dumingag Roa — amboanga del Sur Zamboanga del Sur 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 46,015.00 cu.m 50.00

K2	_		1.2	1.1	H.2	H.1	G.2	G.1		F.2			F.1		E.2	E.1	D.2		C	21		8.2							8.1				Τ	A.2						A.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	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 R-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	c. Water Truck/Pump	b. Vibratory Roller	Spreading and compaction	c. Dumptruck	b. Payloader	a. Bullduzer	Equipment For Excavation Work	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	As positive ci	h (ahorer	Spreading and compaction	b. Laborer	a. Construction Foreman	For Excavation Work	Labor	Designation
					luated	mitted								Unit											⊢ ,			2	1	1		No. of Units						۱ د	•	2	1			No. of Person/s
					12	12								Quantity											0.25	1.00		0.83	0.83	0.83		No. of Hour/s					T,00	1.00	8	0.83	0.83			No. of Hour/s
(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										J	2.450.00	2,173.00		1,420.00	1,733.00	3,379.00		Hourly Rate					45.16	80.95		45.16	80.95			Hourly Rate
286,09	1	13.62	1	18.47	1	23.09		230.90	E			F ₂		Amount (Php.)		230.90	20,00	50 00	TL,343.0/	11 525 07				11,231.66	612.50	2,173.00		2,357.20	1,438.39	2,804.57		Amount (Php.)		1		313.41	90.31	80.95		74.96	67.19			Amount (Php.)

Prepared by:

JERALD R. BANRERA Engineer II

Checked/Reviewed

and Diversion Roads - Sominot - Dumingag Roa Jmboanga del Sur Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description .. Subgrade Preparation

Unit of Measurement •• 22,789.00 sq.m

Output per hour-As Submitted	
	V
300.00	The second second
	••

<u>5</u>	J.2	3.1	1.2	L.1	H.2	H.1	G.2	G.1		F.2	\int		F.1		E.2	E.1	D.2	D.1	C.2	C.1		D.2	D 3				 0,1	D)	-					A.2		T		 A	>			-
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	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		c. Water Truck/Pump	b. Vibratory Roller	a. Motorized Road Grader	Equipment		Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted		D. Laborer	a. Construction Foreman	Day (V)	l ahor	Designation
					uated	nitted								Unit													1	1	1			No. of Units						2	1		No. of Fellouita	No of Dereon/e
					71	7,								Quantity													0.25	1.00	1.00			No. of Hour/s						1.00	1.00		No. of Hours	No of Hourle
(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													2,450.00	1,846.00	2,173.00		month trace	Hourly Rate						45.16	80.95		Hourly Kate	Hamilu Daka
19.84		0.94		1.28		1.60	1	16.01						Amount (Php.)		16.01	,	300.00	1	4,802.76				OC. TCO/L	4 631 50		612.50	1,846.00	2,173.00		Canonie (cub.)	Amount (Phn.)		51 2 1		171.26		90.31	80.95		Amount (Prip.)	Americal /Dlag 1

Prepared by:

JERALD R. BARRERA
Engineer II

Checked/Reviewed

and Diversion Roads - Sominot - Dumingag Roa Zamboanga del Sur

amboanga del Sur

FORM-POW-2015-01D-00

DETAILED UNIT PRICE ANALYSIS

Item No./Description Aggregate Subbase Course

Output per hour-As Submitted Unit of Measurement 10,633.00 cu.m 50.00

Output per hour-As Evaluated

F.1 8.2 8.1 A.2 A.1 Sub-Total for F-2 As Evaluated

1 Direct Unit Cost (E.1+F.1) - As Submitted
2 Direct Unit Cost (E.2+F.2) - As Evaluated
1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
1 Contractor's Profit - As Submitted
2 Contractor's Profit - 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

Direct Unit Cost (C.1 +D.1) - As Submitted a. Motorized Road Grader
b. Vibratory Roller
c. Water Truck/Pump Materials Total Unit Cost -Value Added Tax - As Evaluated Value Added Tax - As Submitted Total Unit Cost - As Submitted Materials Sub-Total for F-1 As Submitted Aggregate Subbase Course Sub-Total Equipment Sub-Total for B-1 As Submitted Equipment Labor Sub-Total for A-2 Labor Laborer Construction Foreman ο̈́ A-1 Name and Specification As As Evaluated Name and Capacity **Submitted** Designation No, of Person/s No. cu.m Unit of Units No. No. of Hour/s Quantity . of Hour/s 0.25 1.00 1.15 1.00 1.00 1.00 12%/9%/7%/6% of G.1 12%/9%/7%/6% of G.1 10%/8% of G.1 10%/8% of G.1 10%/8% of G.1 5% of (G.1+H1+11) 5% of (G.2+H2+12) (G.1+H1+I1+J1) Hourly Rate Hourly Rate Unit Cost 2,450.00 1,846.00 2,173.00 1,208.40 80.95 45.16 Amount (Php.) Amount (Php.) Amount (Php.) 2,173.00 1,846.00 612.50 1,840.80 1,485.72 1,389.66 4,631.50 ,389.66 118.86 148.57 ,802.76 87.66 96,06 50.00 80.95 90.31 50

Prepared by:

JÉRALD R. BARRENA Engineer II

Checked/Reviewed

nd Diversion Roads - Sominot - Dumingag Road Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

nboanga del Sur

FORM-POW-2015-01D-00

Item No./Description • Gravel Surface Course

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1,316.00 cu.m 50.00

•	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.Z
1,983.29	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	_
ŧ	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	_
94.44	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
•	10%/8% of G.1			Contractor's Profit - As Evaluated	
128,06	10%/8% of G.1		٠	Contractor's Profit - As Submitted	1.1
•	12%/9%/7%/6% of G.1	12	uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
160.07	12%/9%/7%/6% of G.1	77	mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
1/00017				Direct Unit Cost (E.2+F.2) - As Evaluated	
1,600.72				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
,				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
1,504.66				Sub-Total for F-1 As Submitted	
1,504.66	1,308.40	1.15	cu.m	a. Uncrushed Aggregate Surface Course	
				Materials	F.1
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
1				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
96.06				Direct Unit Cost (C.1 ÷D.1) - As Submitted	
1 00				Output per Hour - As Evaluated	
50.00				Output per Hour - As Submitted	
1,002.70				Total (A.2+B.2) - As Evaluated	
4 800 76				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					8.2
				Equipment	
4,631.50				Sub-Total for B-1 As Submitted	
612.50	2,450.00	0.25	<u>г</u>	c. Water Truck/Pump	
1,846,00	1,846.00	1.00	1	b. Vibratory Roller	70
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	
					-
					A 3
171,26				Labor	
				Sub-Total for A-1 As Submitted	
(±					
90.31	45.16	1.00	2	to saled of	
80.95	80.95	1.00) 	h Laborer	A 1
				Contracti	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JEKALD R. BARRERA Engineer II

Checked/Reviewed

nd Diversion Roads - Sominot - Dumingag Road Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

nboanga del Sur

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 -- -- --18,379.00 sq.m 57.50

7.2	E	8.2 C.1 C.2 D.1 E.1 E.2	6.1	A.1
Materials Sub-Total for F-2 As Evaluated	Name and Specification Materials a. Reinforcing Steel Bar b. Curing Compound c. Asphalt Sea;ant d. Steel Forms e. Sand f. Gravel g. Cement h. Concrete Saw l. Pipe Sleeve j. Grease/Tar Sub-Total for F-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 Evaluated Direct Unit Cost (C.1 ÷D.1) - As Submitted Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Equipment a. Transit Mixer b. Concrete Vibrator c. Concrete Batch Plant d. Payloader e. Concrete Screeder f. Water Truck g. Concrete Saw h. Bar Cutter Minor Tools (5% of Labor Cost) Sub-Total for B-1 As Submitted	Labor a. Construction Foreman b. Skilled Laborer c. Laborer c. Laborer Sub-Total for A-1 As Submitted Labor Labor
	kg kg ltr ltr m cu.m cu.m bag pc ltr		No. of Units 4 2 1 1 1 1 1 1 1	No. of Person/s 1 1 1 12
	Quantity 0.50 0.29 0.17 0.46 0.15 0.28 2.66 0.00 0.01		No. of Hour/s 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	No. of Hour/s 1.00 1.00 1.00
	Unit Cost 40.00 40.00 75.00 40.00 1,308.40 1,358.40 278.84 8,000.00 133.00 21.00		Hourly Rate 1,318.00 91.25 1,759.50 1,733.00 545.00 2,450.00 32.63 219.75	Hourly Rate 80.95 58.61 45.16
	Amount (Php.) 20.00 11.60 12.75 18.40 201.49 380.35 741.73 1.20 1.04 0.16 1,388.72	12,896.73 - 57.50 - 224.29	Amount (Php.) 5,272.00 182.50 1,759.50 1,733.00 2,450.00 32.63 21.98 42.86	Amount (Php.) 80.95 234.44 541.88

Prepared by: > CHADOLS JERALD R. BARRERA Engineer II	K.2 Total Unit Cost - As Evaluated	K.1 Total Unit Cost - As Submitted	J.2 Value Added Tax - As Evaluated	3.1 Value Added Tax - As Submitted	I.2 Contractor's Profit - As Evaluated	I.1 Contractor's Profit - As Submitted	H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		G.2 Direct Unit Cost (E.2+F.2) - As Evaluated	
Checked/Reviewed STORA A. ESTANISLAO Engineer IV	(G.2+H2+12+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		
	τ	1,998.53	R	95,17	*)	129.04		161.30	•	1,613.01

and Diversion Roads - Sominot - Dumingag Road Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

nboanga del Sur

FORM-POW-2015-01D-00

Item No./Description Reinforced Concrete Culverts Pipe, 910 mm dia

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 15.00 ln.m 1.00

12%/9%/7%/6% of G.1
12%/9%/7%/6% of G.1
0.13
1,00
0.06
1.08
Quantity
0.29
0.29
No. of Hour/s
1.00
1.00
1.00
No. of Hours

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

nd Diversion Roads - Sominot - Dumingag Roa | mboanga del Sur Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

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

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 6.50 cu.m 1.25

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
4,250.73	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	K1
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	3.2
202.42	5% of (G.1+H1+I1)		***************************************	Value Added Tax - As Submitted	1.1
	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
274 46	10%/8% of G 1			Contractor's Profit - As Submitted	-
343,08	12%/9%/7%/6% of G.1	17.	uated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
	201 1001 1001 1001			Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
3,430.77				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
				Materials	F.2
2,702.88				Materials Materials	I
26.76				Sub-Total for F-1 As Submitted	
1,641.57	1,563.40	1.05	cu.m	Missellaneous (10), of Materials Cost)	
2,40	160.00	0.02	sq.m	e. Filter Cloth	
39.90	133.00	0.30	m	d. Weep Holes	5.
20.38	1,358.40	0.02	cu.m	c. Gravel Fill	F.1
274.76	1,308.40	0.21	cu.m	b. Sand	
697.11	278.84	2.50	bag	a. Portland Cement	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
727.89				Direct Unit Cost (C.1 ÷D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
1.25				Output per Hour - As Submitted	D.1
303.				Total (A.2+B.2) - As Evaluated	C.2
98 606				Total (A.1+B.1) - As Submitted	C1
				Cut-Total for B. 2 Ac Evaluated	
					8.2
				Equipment	
350.44				Sub-Total for B-1 As Submitted	
2 2					
55,94	11 100100			Minor Tools (10% of Labor Cost)	
122.50	2.450.00	0.05		b. Water Truck/Pump	5.1
172	172 00	1.00	1	a. One Bagger Mixer	2
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
559.42				Sub-Total for A-1 As Submitted	
361.25	45.16	1,00	8	es manos es	
117.22	58.61	1.00	2	b: Skilled Laborer	A, I
80.95	80.95	1.00	1	a. Construction Foreman	
			8	Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reylewed

ISIDRA A. ESTANISLAO

Engineer IV

and Diversion Roads - Sominot - Dumingag Road Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

mboanga del Sur

FORM-POW-2015-01D-00

Item No./Description .. Stone Masonry

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 14.50 cu.m 1.60

		J.2	1.1	1.2	L1	H.2		_			7.7	3	I					F.1					E.2	E,1	D.2	D.1	C.2	C.1	Γ	B.2)	T			-	B.1	-		T	A.2		T		**********		A.I			
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	Miscellaneous (1% of Materials Cost)	f. Boulder	e. Filter Cloth	d. Weep Holes	c. Gravel Fill	b. Sand	a. Pordand Cement	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		and for Jacob III	Equipment	Sub-Total for B-1 As Submitted	Minor Tools (100), of Labor Cost	C Rackhoe	h Water Trick/British	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Tabol	Labor	Sub-Total for A-1 As Submitted		C Laborer			Labor	Designation
						ated	nitted								cu.m	m.ps	3	cu.m	cu.m	bag		Unit												1	1	. 1		No. of Units							8	2	1		No. of Person/s
						12	12								1.05	0.02	0.30	0.02	0.21	2.50		Quantity												0.10	0.05	1.00		No. of Hour/s							1.00	1.00	1.00	_	No. of Hour/s
(G.2+H2+I2+J1)	(C1+H2+L2)	5% of (G.1.111.11)	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								1,563,40	160.00	133.00	1.358.40	1,308.40	278.84		Unit Cost												1,537.00	2,450.00	172.00		Hourly Rate							45.16	58.61	80.95		Hourly Rate
4,172,47		190.05	108 60	200,71	269 41	1	336.76	1	3,367.61	1			2,702.88	26.76	1.641.57	2.40	00 00	8£ UC	274 76	607 11		Amount (Php.)	à	664.73		1,60		1.063.56				504.14	55.94	153.70	122.50	172.00		Amount (Php.)				559,42			361.25	117.22	80.95	N. I. J.	Amount (Php.)

Prepared by: JERALD R. BARRERA Engineer IV

Checked/Reviewed

and Diversion Roads - Sominot - Dumingag Road Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

nboanga del Sur

FORM-POW-2015-01D-00

Reflectorized Thermoplastic Pavement Markings White

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --664.50 sq.m 25.00

			3.1	1.2	L1	1,	_	_	_	_	i	n S	T				-	7.	n L				E.2	E.1	2.0	201	C.2	CI		1	8.2					2,4	D D			Π	A.2		T			<u> </u>			
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	SUD-10 Idl 101 F-2 AS EVAILIATED	Sub Total for E.2 Ac Evaluated	Materials	Sub-Total for F-1 As Subifficied	Cub. Total for E-1 As Submitted	Miscellaneous (50), of Materials Cost)	f Calcumina	d: LPG (30kg)	C. Piller	D. Grass Dedus	a. Inermoplastic Paint (White)	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Curput 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	Sub-Total for A-1 As Submitted	1000	c. Laborer	b. Skilled Laborer	Decision of the second of the	Labor	Designation
						uated	mitted								ĸġ	çyi	cyl	.	bag	bag		Unit													1	1	1		No. of Units					c	7	٠ ١-			No. of Person/s
						12	12								0.13	0.00	0.00	0.12	0.03	0.33		Quantity													1.00	1.00	1.00		No. of Hour/s					T.00	1.00	1.00			No. of Hour/s
(G.2+H2+I2+J1)	(G 1+H1+H1+11)	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								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					45.10	10.00	80.95			Hourly Rate
300.37	2006 67		43.17		58.54	1	73.17		731.70	1			651.33	31.02	0.63	0.10	0.36	21.60	82.50	515.13		Amount (Php.)		80.37	,	25,00	1	2,009.27					1,540,16	46.91	187.50	93.75	1.212.00		Amount (Php.)		1 4		469.11	2/0.94	11/.22	80.95			Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

and Diversion Roads - Sominot - Dumingag Road nboanga del Sur Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

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

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated ** ** ** 9,678.50 sq.m 50.00

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
210,67	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	2
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	1.2
10,03	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	1.1
	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
13,60	10%/8% of G.1			Contractor's Profit - As Submitted	1.1
1	12%/9%/7%/6% of G.1	12	uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
17.00	12%/9%/7%/6% of G.1	12	nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
170.03				Direct Unit Cost (E.1+F.1) - As Submitted	1.0
1				Sub-Total for F-2 As Evaluated	3
					F.2
CU,07:1				Materials	T
140.05				Sub-Total for F-1 As Submitted	
					7
148.05	141.00	1.05	sq.m	a. Erosion Control Net CGN 400	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
21 98				Direct Unit Cost (C.1 +D.1) - As Submitted	E.I
50,00				Output per Hour - As Evaluated	200
F0.00				Output per Hour - As Submitted	2 (
1,098,92				Total (A.1+B.1) - As Submitted	3 5
				Sub-Total for B-2 As Evaluated	
					8.2
				Eguipment	
656.72				Sub-Total for B-1 As Submitted	Γ
44.22					
612.50	2,450.00	0.25	1		B.1
ranount (rip.)	inomity issues	in a monte		Equipment	
Amount (Dhn)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
1					A.2
				Labor	
442.20				Sub-Total for A-1 As Submitted	Γ
361.25	45.16	1.00	8		A.I
80 0F	80.95	1.00	1	a. Construction Foreman	
				Labor	-
Amount (Php.)	Hourly Rate	No. of Hour/s	NO. OF Person/s	neafliaton	-
		•	N1 E D	Decionation	etheresian

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

and Diversion Roads - Sominot - Dumingag Road Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS mboanga del Sur

Coconet Blo-Engineering Solutions (Cocologs/Fascine)

FORM-POW-2015-01D-00

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated ** ** *** 1,020.00 ln.m 15.00

Item No./Description

..

	(G.2+H2+I2+J1)			I of all unit cost - As Evaluated	K.2
40.18	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	1_
1	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	_
1.91	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
	10%/8% of G.1			Contractor's Profit - As Evaluated	
2.59	10%/8% of G.1			Contractor's Profit - As Submitted	
1	12%/9%/7%/6% of G.1	Ľ.	uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
3.24	12%/9%/7%/6% of G.1	-	mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
1				Direct Unit Cost (E.2+F.2) - As Evaluated	
32.43				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
•				Sub-Total for F-2 As Evaluated	
				Materials	F.2
1				Sub-Total for F-1 As Submitted	I
					7.7
					1
¥.	556.00	1.05	3	Materials a. Coco Fiber Roll (CGR 200)	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	**********
				PRINCE STATE CALL PARTY (ALSO SERVED STATES	
32,43				Direct Unit Cost (C.2 +D.2) - As Evaluated	F 2
20 42				Direct Unit Cost (C 1 +D 1) . As Submitted	
15.00				Output per Hour - As Submitted	3 5
1				Total (A.2+B.2) - As Evaluated	
486.42				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
44.22				Sub-Total for B-1 As Submitted	
				Crist Table for B 4 As Colombia	
77.72				The state of the s	
20,00				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	
					A.2
				Labor	
442.20				Sub-Total for A-1 As Submitted	
361.25	45.16	1.00	8	b. Laborer	A.1
80.95	80.95	1.00	1	a. Construction Foreman	
				Labor	
Allouir (rip.)	Hourly Nate	no. of Hours	itot of t croonly o		
Amaint /Bhn 1	Housin Data	No of Hours	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

TSIDRA A. ESTANISLAO

Engineer IV

and Diversion Roads - Sominot - Dumingag Roa | mboanga del Sur | Zamboanga del Sur | DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

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

Unit of Measurement Output per hour-As Submitted Output per hour-As Evaluated 9,678.50 sq.m 62.50

r	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
203.53	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	_
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	3.2
9,69	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	3.1
3 0 0	10%/8% of G.1			Contractor's Profit - As Evaluated	
1314	10%/8% of G.1	4.60		Contractor's Profit - As Submitted	_
TO: 13	12%/9%/7%/6% of G 1	13	uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	#.2
46.43	120/100/170/160/ of C 1	13	mitted	Overhead. Contingencies & Misrellaneous (OCM) - As Submitted	
164.27				Direct Unit Cost (F.2+F.2) - As Evaluated	3 5
				Direct Init Cost /E 1 + E 1 \ As Culmitted	
				Cut Tatal for E 2 As Embrated	F.2
				Materials	1
107.10				Sub-Total for F-1 As Submitted	
					F.1
107.10	102.00	1.05	sq.m	מי אוספא רחאבו	
				Materials - Green Course	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
4				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
57.17				Direct Unit Cost (C.1 ÷D.1) - As Submitted	E.1
02,30				Output per Hour - As Evaluated	
63 60				Output per Hour - As Submitted	
3,573.26				Total (A.2+B.2) - As Evaluated	C
				Total (A 1+B 1) - As Submitted	3
					7.0
					R 7
of remove				Equipment	
3 402 00				Sub-Total for B-1 As Submitted	
2,450.00	2,450.00	1.00	<u></u>	b. Water Truck/Pump	
952.00	952.00	1,00	_	a. Hydroseeding Machine	p _
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				See town in U.S. U.S. Patington	T
a				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. Läborer	A.I
80.95	80.95	1.00	1	a. Construction Foreman	
					- Walterson
7.4.3				Labor	ikossai
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA 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 Terrain Unit Hauling Distance cu.m. 5.00 8.00 Flat to Rolling KB.

Effective Working Hours

Hauling

Using 10.00 cu.m. capacity Dumptruck Weight of Dumptruck (cap. 10.00 cu.m.) Unit Weight of Fine Aggrgates 16,000.00 1,640.00 gg

Unit Weight of Course Aggrgates 1,534.00 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

Speed when unloaded 40.00 ŝ

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

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

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

Dumptruck Daily Outpout =
$$10.00 \times 21.33 = 213.33 \text{ cu.m.}$$

Using 4 Dumptruck = $213.33 \times 4.00 = 853.33 \text{ cu.m.}$

EQUIPMENT USED: (2009 ACEL RATES)

		ס"	Labor
	50,700.00	"ס"	Equipment
	50,700.00	ס	Grand Total
/cu.m/km. (unit cost hauling per cu.m. per km.)		70	Unit Cost
cu,m.	1,000.00	H	Estimated Quantity
@ P $10,816.00$ / day X 1.17 days = P $50,700.00$	P 10,816	©	4.00 - Unit Dumptruck

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

Equipment

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	Hauling		Unit Cost per		Haulina Cost		:		Unit cost per
	Distance		cu.m/km		per km.		Unit Price		cu.m.
Cost of Fine Aggregates	60.00	×	10.14	Ħ	608.40	+	700.00	17	1,308,40
Cost of Coarse Aggregates	60.00	×	10.14	IJ	608.40	7	750.00	Ħ	1,358.40
Cost of Item 200 Materalls	60.00	×	10.14	Œ	608.40	+	600.00	31	1,208.40
Cost of Item 201 Materails	60.00	×	10.14	Il	608.40	+	630.00	11	1,238.40
Cost of Item 300 Materalls	60.00	×	10.14	II	608.40	+	700.00	П	1,308.40
Cost of Boulders	60.00	×	10.14	\$	608.40	+	955.00	ff	1,563.40
Cost of Embankment, Common Borrow	10.00	×	10.14	I	101.40	+	285.00	И	386.40
Cost of Embankment, Selected Borrow	10.00	×	10.14	11	101.40	+	320.00	#	421.40

UNIT COST DERIVATION FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

SATURATION OF THE PROPERTY OF	THE PARTY OF THE P
48,960.84	TOTAL
ranket in the second se	Concrete Structure (Lean Concrete)
	Trees (Furnishing & Transplanting)
	Reflectorized Pavement Studs Raised Profile Type
i i	Concrete Curb & Gutter
-	Concrete Cover
4.00	Manhole
36.25	Stone Masonry
16,25	Grouted Riprap, Class A
in .	Reinforced Concrete Culverts Pipe, 610 mm dia
16,20	Reinforced Concrete Culverts Pipe, 910 mm dia
	Lean Concrete for RCBC
*	Structural Concrete, Class A
48,888.14	Portland Cement Concrete Pavement
•	Portland Cement Concrete Pavement
Quantity (Bags)	Description

Quantity 11 48,960.84 Bags

Delivery Charge H U 0.12 /bag/km

	PROJECT SITE
/ F 70	Ramboanga del Sur 1st DEO
HAULING DISTANCE	SITE

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

Delivery Charge Delivery Charge 11 11 ס ס 0.12 7.80 Bpg/ 65.00

* Delivery Truck 20,000.00 500.00 48,960.84 bags (hauling works)
kgs., (capacity per haul) bags, (capacity per haul)

* 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 : 40.00 kph

Loaded Running 65,00 30.00 60.00 11 3 mins.

Unloading Running 65.00 40,00 60.00 97.5 mins,

Capacity of Dumptruck Loading & Unloading 16 11 500.00 272.50 45.00 8.00 mins. bags cu.m.

Total Cycle Time

11

mins.

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

Dumptruck Daily Outpout =
$$500.00 \times 1.76 = 880.73 \text{ cu.m.}$$

Using 4 Dumptruck = $880.73 \times 4.00 = 3.522.94 \text{ cu.m.}$

No. of Days for Dumptruck =
$$\frac{48,960.84}{3,522.94}$$
 = 13.90 days

LABOR:

Estimated Quantity 48,960.84 Bags

Unit Cost Materials Delivery Cost Grand Total ס ס ס ס ס 278.84 13,652,470.59 13,219,426.80 381,894.55 51,149.24