

Project

Project ID Location

Station Limits

Source of Funds

(IMPLEMENTING OFFICE)

PROGRAM OF WORK/BUDGET COST

Net Length	:	(a) Others	5	90.00 ln.m	0.59 km
		(b) Road			
		(c) Brgd			
Target Start Date	:				
Total Project Duration	:		252	Calendar Days	3
No. of Pre-determined		1.0	56	Calendar Days	5
Unworkable Days		_	28	Calendar Days	3

DESCRIPTION OF WORKS TO BE DONE	QUANTITY	UNIT		AS SUBMITTED	AS EVALUATED		
	QOARTITI		% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST	
ART A: Facilities for the Engineers			1.72%	1,344,596.61			
B: Other General Requirements			1.02%	793,714.95			
C: Earthworks			3.35%	2,612,531.24			
D: Subbase and Base Course			1.37%	1,066,991.42			
E: Surface Courses			0.00%	-			
F: Bridge Construction			41.24%	32,165,455.63			
G: Drainage and Slope Protection Structures			51,30%	40,010,245.85			
H: Miscellaneous Structure			0.00%	-			
I: Provisional Sum		***************************************	0.00%				
J: Daywork			0.00%				

EQUIPMENT:

01B-00)

Zamboanga del Sur

0+000.00 - 0+590.00

CY-2019

BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	5,480,959.53	
2. Materials	60,495,920.51	
3. Rental of Equipment	12,016,655.67	
4. Provisional Sum/Daywork	-	
5. OCM and Profit	13,772,079.74	
6. Value Added Tax	4,588,280.77	
7. EAO, 3.5%	3,372,386.37	
8. RROW Acquisition	1,189,268.77	
9. Physical Reseved (Contigency)	165,448.63	
10. TOTAL ESTIMATED COST	101,081,000.00	

ATURNINO 2. TORREFRANCA

District Engineer

DPWH RO9

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	77,993,535.71	
B. OCM and Profit	13,772,079.74	
C. Value Added Tax	4,588,280.77	
D. Total Construction Cost	-	
E. Eng'g. & Administrative Overhead	3,372,386.37	
F. RROW Acquisition	1,189,268.77	
G. Physical Reserved (Contingency)	165,448.63	
H. TOTAL ESTIMATED COST	101,081,000.00	

101,081,000.00

٦				C	ission:
•	i euai	CHUSIN	SHIPER	Subm	ussion:

Prepared by:

Checked/Submiletd by:

JERALD R. BARRERA

Engineer II DPWH RQ9

ISIDRA A. ESTANISLAO

Construction/Maintenance of Flood Mitigation Facilities within major River Basins and Pricipal Rivers

Construction of Flood Control Structure, Salug Daku Flood Control, Mahayag, Zamboanga del Sur

Engineer IV DPWH RO9 **Evaluation:**

Reviewed by:

Approval:

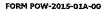
Recommending Approval

Approved:

KHADAFPK D. TANGGOL

CAYAMON BAO D. DIA Regional Director

DPV H ROS





		OHAI	MIITY			DIRECT	COST		TOTAL U	NIT COST	% DIRECT
ITEM NO.	DESCRIPTION	QUAI	****	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 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		0.62%
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	1.00		İs	356,810.82		356,810.82		374,651.36		0.46%
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	1,00		ls	500,770.16		500,770.16		525,808.67		0.64%
	TOTAL OF PART A				1,344,596.61						1.72%
PART B	Other General Requirements									·	
B.4(1)	Construction Survey and Staking	0.59		km	41,324.15		70,040.93		86,780.71		0.05%
B.5	Project Bâlboard	4.00		unit	9,751.33		2,437.83		3,020.47		0.01%
B.7	Occupational Safety & Health Program	1.00		ls	266,037.48		266,037.48		301,686.50		0.34%
B.9	Mobilization & Demobilization	1.00		ls	476,602.00		476,602.00		500,432.10		0.61%
	TOTAL OF PART B				793,714.95						1.02%
PART C	Earthworks										
1702(1)	Structure Excavation	9,724.00		cu.m	1,553,439.14		159.75		197.93		1.99%
104(2a)	Embankment from Borrow	1,829.00		cu.m	1,059,092.10		579.06		717.45		1.36%
	TOTAL OF PART C				2,612,531.24						3.35%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	814.00		cu.m	1,066,991.42		1,310.80		1,624.08		1.37%
	TOTAL OF PART D				1,066,991.42						1.37%
PART F	Bridge Construction										
1716(6)	Structural Steel Sheet Piles, Furnished	8,850.00		m	22,088,190.07		2,495.84		3,092.35		28.32%
1716(16)	Steel Sheet Tests Piles, Furnished and Driven	12.00		m	21,905.85		1,825.49		2,261.78		0.03%
1716(12)	Structural Steel Sheet Piles, Driven	8,850.00		m	10,055,359.71		1,136.20		1,407.75		12.89%
200	TOTAL OF PART F				32,165,455.63						41.24%
PART G	Drainage and Slope Protection Structures										
404(1)a	Reinforcing Steel (Grade 40)	41,596.00		kg	2,054,176.58		49.38		61.19		2.63%
404(1) b	Reinforcing Steel (Grade 60)	8,379.00		kg	431,384.38		51.48		63.79		0.55%
405(1)a3	Structural Concrete, fc'=27.58 Mpa	1,687.00		cu.m	11,644,150.53		6,902.28		8,551.93		14.93%
500(1)b3	Pipe Culvert & Storm Drain	32.00		ln.m	103,443.35		3,232.60		4,005.20		0.13%
1710(5)	Grouted Riprap, Class "A"	1,575.00		cu.m	5,030,916.85		3,194.23		3,957.65		6.45%
508 (1)	Handlaid Rock Embankment	12,528.00		cu.m	20,746,174.17		1,655.98		2,051.76		26.60%
	TOTAL OF PART G				40,010,245.85						51.30%
- The state of the	GRAND TOTAL				77,993,535.71						100.00%



FORM POW-2015-01B-00

MINIMUM EQUIPMENT REQUIREMENT

	Number of													
No.	Equipment Description	Capacity	Number of Equipment	No.	Equipment Description	Capacity	Number of Equipment							
1	Dumptruck (10 Wheeler)	12 cu. Yd	6	26										
2	Builduzer		2	27										
3	Backhoe	0.83 cu.m/1.04 cu. Yd	2	28		·	*****							
4	Road Grader		2	29										
5	Road Roller	10 mt	2	30										
6	Payloader	1.50 cu.m/1.95 cu.yd	2	31										
7	Water Truck/Pump	16000L	2	32										
8	Water Tank		2	33		······································								
9	Transit Mixer	5-6 cu. Yd	2	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	Truck Mounted Crane		1	42										
18	Vibro Hammer		1	43										
19	Generator Set		1	44										
20				45										
21				46										
22				47										
23				48			The state of the s							
2 4				49										
25				50										
	SUB-TOTAL				SUB-TOTAL									
		TOI	AL											



Construction/Maintenance of Flood Mitigation Facilities within major River Basins and Pricipal Rivers Construction of Flood Control Structure, Salug Daku Flood Control, Mahayag, Zamboanga del Sur Zamboanga del Sur

FORM POW-2015-01C-00

	·				ITE	MIZED BREAKDO	OWN		· · · · · · · · · · · · · · · · · · ·				
-			T					EAKDOWN OF C	OMPONENT CO	ST FOR EA	CH ITEM		
ITEM NO.	DESCRIPTION			T			DIREC				AL MARK-UP		
			%	QΤΥ	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	5% VAT	TOTAL COST
PART A	Facilities for the Engineers			1									
1 1 1 10		AS EVALUATED		1									
A.I.1 (3)	Const. of Field Office for the Enigneer	AS SUBMITTED	0.62%	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
* * * * * * * * * * * * * * * * * * * *		AS EVALUATED											
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS SUBMITTED	0.46%	1.00	İş	356,810.82	-	-	356,810.82	0.00%	-	17,840.54	374,651.36
1.4.7 (7)		AS EVALUATED											
A.I.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS SUBMITTED	0.64%	1.00	ls	422,000.00	78,770.16	-	500,770.16	0.00%	-	25,038.51	525,808.67
		AS EVALUATED											
	TOTAL OF PART A	AS SUBMITTED	1.72%			1,178,810.82	135,053.46	30,732.33	1,344,596.61		87,662.81	71,612.97	1,503,872.39
PARTE	Other General Requirements												
5.4(4)		AS EVALUATED											
B.4(1)	Construction Survey and Staking	AS SUBMITTED	0.05%	0.59	km	12,180.00	26,444.15	2,700.00	41,324.15	18.00%	7,438.35	2,438.12	51,200.62
	A PARTY P	AS EVALUATED				***************************************							
B.5	Project Billboard	AS SUBMITTED	0.01%	4.00	unit	8,597.40	1,153.93	-	9,751.33	18.00%	1,755.24	575.33	12,081.89
		AS EVALUATED											
B.7	Occupational Safety & Health Program	AS SUBMITTED	0.34%	1.00	ls	12,360.00	253,677.48	-	266,037.48	8.00%	21,283.00	14,366.02	301,686.50
	BALLY-AND O Para billion	AS EVALUATED											
8.9	Mobilization & Demobilization	AS SUBMITTED	0.61%	1.00	is	-	-	476,602.00	476,602.00	0.00%	-	23,830.10	500,432.10
		AS EVALUATED											
	TOTAL OF PART B	AS SUBMITTED	1.02%			33,137.40	281,275.55	479,302.00	793,714.95		30,476.58	41,209.58	865,401.11
PART C	Earthworks												
1702(1)	Structure Evenuation	AS EVALUATED											
1702(1)	Structure Excavation	AS SUBMITTED	1.99%	9,724.00	cu.m	-	105,223.40	1,448,215.74	1,553,439.14	18.00%	279,619.05	91,652.91	1,924,711.10
104(2a)	Embankment from Borrow	AS EVALUATED	·										
104(20)	Embankment from borrow	AS SUBMITTED	1.36%	1,829.00	cu.m	883,407.00	6,264.83	169,420.27	1,059,092.10	18.00%	190,636.58	62,486.43	1,312,215.11
	TOTAL OF PART C	AS EVALUATED								***************************************			
	I GIAL OF PART C	AS SUBMITTED	3.35%			883,407.00	111,488.23	1,617,636.01	2,612,531.24		470,255.62	154,139.34	3,236,926.21
PARTD	Subbase and Base Course												
200(1)	Secretary Cubbana Course	AS EVALUATED				The same of the sa							
200(1)	Aggregate Subbase Course	AS SUBMITTED	1.37%	814.00	ca.m	988,802.43	2,788.17	75,400.82	1,066,991.42	18.00%	192,058.46	62,952.49	1,322,002.37
	TOTAL OF PART D	AS EVALUATED											
	IVIAL OF FACE D	AS SUBMITTED	1.37%			988,802.43	2,788.17	75,400.82	1,066,991.42		192,058.46	62,952.49	1,322,002.37
PARTF	Bridge Construction												
1716/6\	Structural Steel Cheet Diler Dumichad	AS EVALUATED											
1716(6)	Structural Steel Sheet Piles, Purnished	AS SUBMITTED	28.32%	8,850.00	m	21,654,600.00	35,459.15	387,930.92	22,088,190.07	18.00%	3,975,874.21	1,303,203.21	27,367,267.50
1716/16\	Steel Sheet Tests Piles, Furnished and Driven	as evaluated											
1 22 2 25 (103)	ज्याच्या जाव्यतः । एक १ । प्राप्तकाच्या द्वारा जास्या	AS SUBMITTED	0.03%	12.00	m	3,876.21	3,517.71	14,511.93	21,905.85	18.00%	3,943.05	1,292,45	27,141.35

						Name of Street							
1716(12)	Structural Steel Sheet Piles, Driven	AS EVALUATED											
	, , , , , , , , , , , , , , , , , , , ,	AS SUBMITTED	12,89%	8,850.00	m	1,489,364.73	622,634.01	7,943,360.98	10,055,359.71	18.00%	1,809,964.75	593,266.22	12,458,590.68
	TOTAL OF PART F	AS EVALUATED											
	101.2017.401	AS SUBMITTED	41.24%			23,158,040.94	661,610.87	8,345,803.82	32,165,455.63		5,789,782.01	1,897,761.88	39,852,999,53
PART G	Drainage and Slope Protection Structures												
404(1)a	Reinforcing Steel (Grade 40)	AS EVALUATED											···
	(0.00)	AS SUBMITTED	2.63%	41,596.00	kg	1,816,913.28	129,275.46	107,987.84	2,054,176.58	18.00%	369,751.78	121,196.42	2,545,124.78
404(1)b	Reinforcing Steel (Grade 60)	AS EVALUATED											
	(0.000 (0.000 00)	AS SUBMITTED	0.55%	8,379.00	kg	383,590.62	26,040.94	21,752.82	431,384.38	18.00%	77,649.19	25,451.58	534,485.24
405(1)a3	 Structural Concrete, fc'=27.58 Mpa	AS EVALUATED											,
		AS SUBMITTED	14.93%	1,687.00	cu.m	9,473,116.60	1,484,373.98	686,659.95	11,644,150.53	18.00%	2,095,947.10	687,004.88	14,427,102.50
500(1)63	Pipe Culvert & Storm Drain	AS EVALUATED										-	
	The same of the same	AS SUBMITTED	0.13%	32.00	In.m	74,705.01	12,121.40	16,616.94	103,443.35	18.00%	18,619.80	6,103.16	128,166.31
1710(5)	Grouted Riprap, Class "A"	AS EVALUATED											
		AS SUBMITTED	6.45%	1,575.00	cu.m	3,940,591.68	653,868.34	436,456.83	5,030,916.85	18.00%	905,565.03	296,824.09	6,233,305.98
508 (1)	Handlaid Rock Embankment	AS EVALUATED								-			
300 (1)	Translate Toda Elliberratie)(AS SUBMITTED	26.60%	12,528.00	cu.m	18,564,804.72	1,983,063.13	198,306.31	20,746,174.17	18.00%	3,734,311.35	1,224,024.28	25,704,509.79
]	TOTAL OF PART G	AS EVALUATED											
	TOTAL OF PART G	AS SUBMITTED	51.30%		,	34,253,721.91	4,288,743.25	1,467,780.69	40,010,245.85		7,201,844.25	2,360,604.51	49,572,694.61
	GRAND TOTAL	AS EVALUATED											
	GIAND TOTAL	AS SUBMITTED	100.00%			60,495,920.51	5,480,959.53	12,016,655.67	77,993,535,71		13,772,079.74	4,588,280.77	96,353,896,23



Construction/Maintenance of Flood Mitigation Facilities within major River Basins and Pricipal Rivers Construction of Flood Control Structure, Salug Daku Flood Control, Mahayag, 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	ESTIMATED DIRECT COST	7	TOTAL MARK-UP			
	7100.11.1100.01.4100.10.10.10	JONE	ESTIMATED DIRECT COST	%	TOTAL DIRECT COST	VAT	TOTAL INDIRECT COST	TOTAL COST
PART A	Facilities for the Engineers	AS EVALUATED						
	defices for the Englineers	AS SUBMITTED	1,344,596.61		87,662.81	71,612.97	159,275.78	1,503,872.39
PART B	Other General Requirements	AS EVALUATED						
TAKID	Outer General Requirements	AS SUBMITTED	793,714.95		30,476.58	41,209.58	71,686.16	865,401.11
PART C	Earthworks	AS EVALUATED		**************************************				
FARTC	Laidiworks	AS SUBMITTED	2,612,531.24		470,255.62	154,139.34	624,394.97	3,236,926.21
PART D	Subbase and Base Course	AS EVALUATED		************				
FARID	Subbase and base course	AS SUBMITTED	1,066,991.42		192,058.46	62,952.49	255,010.95	1,322,002.37
PART F	Bridge Construction	AS EVALUATED						
FARTI	Bridge Construction	AS SUBMITTED	32,165,455.63		5,789,782.01	1,897,761.88	7,687,543.90	39,852,999.53
PART G	Drainage and Slope Protection Structures	AS EVALUATED				*****		
PARIG	Drainage and Slope Protection Structures	AS SUBMITTED	40,010,245.85		7,201,844.25	2,360,604.51	9,562,448.76	49,572,694.61
	TOTAL	AS EVALUATED						
	IOIAL	AS SUBMITTED	77,993,535.71		13,772,079.74	4,588,280.77	18,360,360.52	96,353,896.23

Preparation and Submission:

Prepared by:

Checked/Submiletd by:

rieckeu/Subililieta by:

ISIDRA A. ESTANISLAO

Engineer IV

DPWH RO9

JERALD R. BARRERA

Engineer II

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



Construction/Maintenance of Flood Mitigation Facilities within major River Basins and Pricipal Rivers Construction of Flood Control Structure, Salug Daku Flood Control, Mahayag, Zamboanga del Sur Zamboanga del Sur

FORM POW-2015-02A-00

ITEM NO	. DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	-	TOTAL MARK-UP	VAT	TOTAL INDERECT COST	TOTAL COST	UNIT COST
						%	VALUE	1		TOTAL COST	0011 (031
PARTA	Facilities for the Engineers					784/99/99		KSSEZ-esztettsk		earthers in this ear is to this is	Assimoliana, a a a ses
A.1.1 (3)	Const. of Field Office for the Enigneer	AS EVALUATED									11/2/11/24 - 12/24/12/24 - 2/14
	or the order of the Enigneer	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									
<u> </u>		AS SUBMITTED	1.00	İs	.356,810,82	0.00%	-	17,840.54	17,840.54	374,651.36	374,651.36
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED	}								
		AS SUBMITTED	1.00	ks	500,770.16	0.00%	-	25,038.51	25,038.51	525,808.67	525,808.67
	TOTAL OF PART A	AS EVALUATED									
		AS SUBMITTED			1,344,596.61		87,662.81	71,612.97	159,275.78	1,503,872.39	
PARTB	Other General Requirements					\$155E					
B.4(1)	Construction Survey and Staking	AS EVALUATED									
	, , , , , , , , , , , , , , , , , , , ,	AS SUBMITTED	0.59	km	41,324.15	18.00%	7,438.35	2,438.12	9,876.47	51,200.62	86,780.71
B.5	Project Biliboard	AS EVALUATED									
		AS SUBMITTED	4.00	មានិ	9,751.33	18.00%	1,755.24	575,33	2,330.57	12,081.89	3,020.47
8.7	Occupational Safety & Health Program	AS EVALUATED									
	, , , , , , , , , , , , , , , , , , , ,	AS SUBMITTED	1.00	ls	266,037.48	8.00%	21,283.00	14,366.02	35,649.02	301,686.50	301,686.50
B.9	Mobilization & Demobilization	AS EVALUATED									
		AS SUBMITTED	1,00	ls	476,602.00	8.00%	_	23,830.10	23,830.10	500,432.10	500,432.10
	TOTAL OF PART B	AS EVALUATED			-						
		AS SUBMITTED			793,714.95		30,476.58	41,209.58	71,686.16	865,401.11	
PART C	Eastborosks		William France					A STATE OF LOCALISES.		Este de la company de la company de la company de la company de la company de la company de la company de la c	Karana Li
1702(1)	Structure Excavation	AS EVALUATED									
		AS SUBMITTED	9,724.00	ou.m	1,553,439.14	18.00%	279,619.05	91,652.91	371,271.96	1,924,711.10	197.93
104(2a)	Embankment from Borrow	AS EVALUATED									
		AS SUBMITTED	1,829.00	cum	1,059,092.10	18.00%	190,636.58	62,486.43	253,123.01	1,312,215.11	717.45
	TOTAL OF PART C	AS EVALUATED			-						
<u> </u>		AS SUBMITTED			2,612,531.24		470,255.62	154,139.34	624,394.97	3,236,926.21	
PART D	Subbase and Base Course								ottikaki kwelete		Parities areas
200(1)	Aggregate Subbase Course	AS EVALUATED									
		AS SUBMITTED	814.00	cum	1,066,991.42	18.00%	192,058.46	62,952.49	255,010.95	1,322,002.37	1,624.08
	TOTAL OF PART D	AS EVALUATED			-						
		AS SUBMITTED			1,066,991.42		192,058.46	62,952.49	255,010.95	1,322,002.37	
PART F	Bridge Construction										Administrative (1
1716(6)	Structural Steel Sheet Piles, Furnished	AS EVALUATED									
. ,		AS SUBMITTED	8,850.00	m	22,088,190.07	18.00%	3,975,874.21	1,303,203.21	5,279,077.43	27,367,267,50	3,092,35
1716(16)	Steel Sheet Tests Piles, Furnished and Driven	AS EVALUATED							ĺ		
7		AS SUBMITTED	12.00	m	21,905.85	18.00%	3,943.05	1,292.45	5,235.50	27,141.35	2,261,78

		T			$\overline{}$			·····			
1716(12)	Structural Steel Sheet Piles, Driven	AS EVALUATED									
		AS SUBMITTED	8,850.00	m	10,055,359.71	18.00%	1,809,964.75	593,266.22	2,403,230.97	12,458,590.68	1,407.7
	TOTAL OF PART F	AS EVALUATED			-						
	15774 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	AS SUBMITTED			32,165,455.63		5,789,782.01	1,897,761.88	7,687,543.90	39,852,999.53	~
ARTG	Drainage and Slope Protection Structures										
404(1)a	Reinforcing Steel (Grade 40)	AS EVALUATED						DEATHER CONTRACTOR OF THE PROPERTY OF THE PROP	AND STATES HE WAS ASSESSED.		
	(0.000 10)	AS SUBMITTED	41,596.00	kg	2,054,176.58	18.00%	369,751.78	121,196.42	490,948.20	2,545,124.78	61.1
404(1)b	Reinforcing Steel (Grade 60)	AS EVALUATED									
	Table Dig Steel (State 55)	AS SUBMITTED	8,379.00	kg	431,384.38	18.00%	77,649.19	25,451.68	103,100.87	534,485.24	63.79
105/1\a3	Structural Concrete, fc'=27.58 Mpa	AS EVALUATED			-						
	STATE OF THE STATE	AS SUBMITTED	1,687.00	cnn	11,644,150.53	18.00%	2,095,947.10	687,004.88	2,782,951.98	14,427,102.50	8,551.93
500(1)b3	Pipe Culvert & Storm Drain	AS EVALUATED									
		AS SUBMITTED	32.00	ln.m	103,443.35	18.00%	18,619.80	6,103.16	24,722.96	128,166.31	4,005.20
1710(5)	Grouted Riprap, Class "A"	AS EVALUATED									41.002
		AS SUBMITTED	1,575.00	cnnu	5,030,916.85	18.00%	905,565.03	296,824.09	1,202,389.13	6,233,305.98	3,957.65
508 (1)	Handlaid Rock Embankment	AS EVALUATED									
		AS SUBMITTED	12,528.00	cu.m	20,746,174.17	18.00%	3,734,311.35	1,224,024.28	4,958,335.63	25,704,509.79	2,051.76
	TOTAL OF PART G	AS EVALUATED			-						
		AS SUBMITTED			40,010,245.85		7,201,844.25	2,360,604.51	9,562,448.76	49,572,694.61	
	GRAND TOTAL	AS EVALUATED	ĬI.		-						
		AS SUBMITTED			77,993,535.71		13,772,079.74	4,588,280.77	18,360,360.52	96,353,896.23	

96,353,896.23

Preparation and Submission:

Prepared by:

JERALD R. BARRERA

Engineer II DPWH RO9 Checked/Submiletd by:

ISIDRA A. ESTANISLAO

Engineer IV DPWH R09 Evaluation:

SATURNINO C TORREFRANCA

District Engineer DPWH RO9

Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

Item No./Description ... Structural Steel Sheet Piles, Furnished

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

8,850.00 m 72.00

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated
(G 1+H1+I1+11)	3 % C			Total Unit Cost - As Submitted
5% of (G.1+H1+I1)	5%			Value Added Tax - As Evaluated
10%/8% of G.1				Value Added Tay - As Symmitted
10%/8% of G.1				Contractor's Profit - As Submitted
12%/9%/7%/6% of G.1			uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
120/100/170/160/ 0501			nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Suhmitted
				Direct Unit Cost (E.1+F.1) - As Submitted
				Sub-Total for F-2 As Evaluated
	\coprod			
				Materials
				Sub-Total for F-1 As Submitted
				Miscellaneous (2% of Materials Cost)
50.00	0	48.00	kg	Materials a. Steel Sheet Pile KSP II (delivered at site)
Unit Cost	Ϊŧγ	Quantity	Unit	Name and Specification
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated
				Direct Unit Cost (C.1 ÷D.1) - As Suhmitted
				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 Explicated
				Equipment
				Minor Tools (10% of Labor Cost)
3,127.20	0	1.00	P	a. Truck Mounted Crane
Hourly Rate	lour/s	No. of Hour/s	No. of Units	Name and Capacity
				Sub-Total for A-2 As Evaluated
		1		Labor
				Sub-Total for A-1 As Submitted
45.16	١١٩	1.00	1	
7E 16		1 00	2	c. Laborer
80.95	ō	1.00	υ μ	b. Skilled Laborer
				a Construction Economic
	-			Labor
Hourly Rate	dour/s	No. of Hour/s	No. of Person/s	Designation

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Item No./Description . Steel Sheet Tests Piles, Furnished and Driven

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 12.00 m 2.40

	(0.241124121)			TO STITE STOPE THE EXPLICATION	_
2,248,66	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	SE
4	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	
107.08	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
	10%/8% of G.1			Contractor's Profit - As Evaluated	_
145.19	10%/8% of G.1			Contractor's Profit - As Submitted	
1	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Į.
181.49	12%/9%/7%/6% of G.1		nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	_
1				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
1,814.90				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
*				Sub-Total for F-2 As Evaluated	
				* Tanama Profit	F.2
047.00				Materials	
327.08				Sub-Total for F-1 As Submitted	
10.40	65.00	0.16	ka	Miscellaneous (2% of Materials)	
10.40	65.00	0.16	kg	e. Nail/Spike	
40.00	40.00	1.00	3	d. Good Lumber	
8.28	436.00	0.02	set	c. Coco Logs	1
120.00	2,500.00	0.05	kg	b. Oxy/Acetylene	F 1
138.00	138.00	1.00	m	a. Welding Rod	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
1				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
1,487.81				Direct Unit Cost (C.1 +D.1) - As Submitted	
1				Output per Hour - As Evaluated	2.2
2.40				Output per riour - As submitted	2 5
				Orbit (A.Z+D.Z) - As Evaluated	1
3,570.75				Total (A.1+5.1) - As submitted	3 5
				Tatel (A 1-B 1) As Cyclinated	3
				Sub-Total for B.2 As Evaluated	1,0
				cymphicit	3
2,867.21				Editional Co. P. Co. additional	I
35.18		-		Sub-Total for 8-1 As Submitted	
3,04	75,75	0.00	,	Minor Tools (5% of Lahor Cost)	
3.12	AE AE	0.00	-	e. Cutting Outfit	- CONT
43.40	2,000,00	000	١ -	d. Welding Machine	
650.00	2,200,00	0 13	-	c. Drop Hammer	Б.1
321 50	1.286.00	0.25	1	b. Diesel Hammer	2
1.813.78	3.127.20	0.58	1	a. Truck Mounted Crane	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	I
1				_	1
					Α.2
				Labor	
703.54				Sub-Total for A-1 As Submitted	
46,072	15.10	1:00			
22.02	76.07	1 00	9		
25.08	E0 61	1.00	7		A.1
20.00	80.05	1 00	_	a. Construction Foreman	
				Labor	
Amount (Php.)	Hourly Kate	No. or Hour/s	NO. Of Personia		************
Amount (Dha)	Housely Data	No of Hours	No. of Person/s	Designation	

Prepared by:

Engineer II

Checked/Reviewed

Item No./Description .. Structural Steel Sheet Piles, Driven

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 8,850.00 m 10.00

	(1/27/47/147/0)			LOSSI CHE SASE US LAURINGER	L
1,403.39	(TC+TT+TH+T'9)			Total Unit Cost - As Evaluated	S
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	_
66,83	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	_
	10%/8% of G.1			Contractor's Profit - As Evaluated	_
90.61	10%/8% of G.1			Contractor's Profit - As Submitted	L
ĸ	12%/9%/7%/6% of G.1		ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	L
113.27	12%/9%/7%/6% of G.1		ilted	(OCM) -	_
7				Direct Unit Cost (E.2+F.2) - As Evaluated	
1,132.68				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
×				Sub-Total for F-2 As Evaluated	i
				Materials	F.2
168.29				Sub-Total for F-1 As Submitted	I
3.30				Miscellaneous (2% of Materials)	
1.56	78.00	0.02	kg	e. Assorted CWN	
57.35	37.00	1.55	bd.ft	d. Good Lumber	
78.48	436.00	0.18	m	c. Coco Logs	
24.00	2,500.00	0.01	set	b. Oxy/Acetylene	Fi
3.60	150.00	0.02	kg	a. Welding Rod	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
r				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.Z
964.39				Direct Unit Cost (C.1 +D.1) - As Submitted	_
t				Output per Hour - As Evaluated	
10.00				Output per Hour - As Submitted	0.1
				Total (A.2+B.2) - As Evaluated	C.2
9,643.91				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
				and an internal of	В.2
8,940.37				Fallinment	T
35.18				Sub-Total for R-1 As Submitted	
22.73	10,10	0.50	-	Minor Tools (5% of Lahor Cost)	
539.00	339.00	1.00	-	e. Cutting Outfit	
2,147.27	7,141,2/	1.00	- -		
3,069.00	3,009,00	1 00	- -	c. Generator Set	8.1
3,127.20	3,127.20	1.00		b. Vibro Hammer	
				Equipment Truck Mounted Crops	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	I
					i
					A.2
				Labor	
703.54				Sub-Total for A-1 As Submitted	
270.94	45.16	1.00	a	w. Editor mi	
351.65	58.61	1.00	0	C (above)	-
80.95	80.95	1.00		b. Skilled Laborar	<u> </u>
				A Construction Economy	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No, of Person/s	Designation	
		SAC BUILDING	Note that the same of the same	,	

Prepared by:

Engineer II

Checked/Reviewed

Item No./Description Reinforcing Steel (Grade 40)

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 41,596.00 kg 180.00

al for F-2 As Init Cost (E.1. Init Cost (E.2 Init Cost (B.2 Init C	Sub-Total for F-1 As Submitted Materials F.2 Sub-Total for F-2 As Evaluated G.1 Direct Unit Cost (E.1+F.1) - As St G.2 Direct Unit Cost (E.2+F.2) - As Evaluated H.1 Overhead, Contingencies & Misce H.2 Overhead, Contingencies & Misce
Sub-Total for F-2 As Evaluated Direct Unit Cost (E.1+F.1) - As Submitted Direct Unit Cost (E.2+F.2) - As Evaluated Overhead, Contingencies & Miscellaneous (OCM) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Contractor's Profit - As Submitted	or F-1 As Submitted T F-2 As Evaluated Cost (E.1+F.1) - As Subr Cost (E.2+F.2) - As Evali Contingencies & Miscellar Contingencies & Miscellar S Profit - As Submitted
Sub-Total for F-2 As Evaluated Direct Unit Cost (E.1+F.1) - As Submitted Direct Unit Cost (E.2+F.2) - As Evaluated Overhead, Contingencies & Miscellaneous (OCM) - As Submitted Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Submitted Evaluated 1+F.1) - As Submitted 2+F.2) - As Evaluated 2+F.8 & Miscellaneous (Cancles & Miscellaneous) (Cancles & Miscellaneous (Cancles & Miscellaneous (Cancles & Miscellaneous (Cancles & Miscellaneous (Cancles & Miscellaneous (Cancles & Miscellaneous (Cancles & Miscellaneous (Cancles & Miscellaneous (Cancles & Miscellaneous (Cancles & Miscellaneous (Canc
As Submitted As Evaluated	ed ed S Submitted As Evaluated As Evaluated
-	

Prepared by:

JERALD R. BARRERN Engineer II

Checked/Reviewed

Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

Item No./Description Reinforcing Steel (Grade 60)

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 8,379.00 kg 180.00

7.4	_	_		_	L	L		_			-	F.2	Ma	Su	1	T	F. b.	a	Z Z		E.2 Dir	_			C.2 To			B.2 —	Eq	Su	15	0 5	B.1	TE		SL	, 			ည	1			D 0	1	5	
iolai oilit 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	Overnead, 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			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.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	h-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	Sen Be LIMEN	c. Cargo Truck	Par Render	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		DVI	Labor	Sub-Total for A-1 As Submitted			c. Laborer	b. Skilled aborer	Construction	Labor	Designation
						ated	itted										kg (â		Unit											-		. -		No. of Units								8) 			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+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										42.00	80 00	#	Unit Cost											1,212.00	351.50	219.50		Hourly Rate							75.10	58.61	80.95			Hourly Rate
z.	63.79		3.04	4	4.12	1	5.15	3:	51.48					45.78			44.10	1 69	Automic (1 ilp)	Amount (Php.)	•	5.70		180.00	1,026.72					467.30	181,80	175.75	109.75		Amount (Php.)		2 4		559,42				117.22	80.95		37 100 40	Amount (Php.)

Prepared by:

Engineer II

Checked/Reviewed

Item No./Description Structural Concrete, fc'=27.58 Mpa

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1,687.00 cu.m 1.40

Note: Use Two (2) gang

(G.1+H1+I1+J1) (G.2+H2+I2+J1)				Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	2 2
- 1	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	3.2
	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	3.1
- 1	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
- 1	10%/8% of G 1		and the second	Contractor's Profit - As Submitted	_
1	12%/9%/7%/6% of G.1		nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.3
1 1				Direct Unit Cost (E.2+F.2) - As Evaluated	
- 1				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	i
					F.2
				Materials	
	1,206.30	1.00	cu.m	Sub-Total for E-1 As Submitted	Gaperino
1	1,156.30	0.50	cu.m	e, Sand	
	276.84	9.50	bag	d. Cement	
	78.00	0.70	kg	c. Assorted CWN	ì
	1,247.00	0,40	рc	b. Marine Plywood	F.
	37.00	17.50	bd.ft	Materials a. Lumber, Good	
	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	E.1
				Output per Hour - As Evaluated	D.2
				Output per Hour - As Submitted	D.1
				Total (A.2+B.2) - As Evaluated	C.2
				Total (A.1+B.1) - As Suhmitted	C1
				Sub-Total for B 2 As Evaluated	
					B.2
				Equipment	
				Sub-Total for B-1 As Submitted	
				Minor Tools (5% of Labor Cost)	
	2,450,00	0.10	2	c. Water Truck/Pump	
	91.25	1.00	2 1	b. Concrete Vibrator	B.1
1 1			,	Equipment Some Ranger Miyer	
	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
1 1					A.2
				Labor	
				Sub-Total for A-1 As Submitted	
T	45.16	1.00	16	b, Laborer	
Т	58.61	1.00	8	a. Skilled Laborer	
	45.16	T.00	OT	Installation/Removal of Formworks	
	58.61	1.00	8	c. Laborer	2
	80.95	1.00) <u>1</u>	a. Construction Foreman	>
				Labor	akkinemak
	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
	The state of the s				

Prepared by:

JEBALD R. BARRERA Engineer II

Checked/Reviewed

Item No./Description .. Pipe Culvert & Storm Drain

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 32.00 ln.m 1.00

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

SIDRA A. ESTANISLAO

Englineer IV

Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

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

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

1,575.00 cu.m

1.25

1,481.87 24.77				Sub-Total for F-1 As Submitted	<u>د ای</u>
1,481.87				Particular of the Control of the Con	
	1,411.30	1.05	cu.m	. pouluel	eT =
2,40	160.00	0.02	sq.m	e Files Cion	10
39.90	133.00	0.30		a Elect Oath	0 0
18.09	1,206.30	0.02	cu.m	d Ween Holes	-
242.82	1,136.30	0.21	Carin	c. Gravel FIII	T1
92.11	7.0.07	0.50	Sing	b. Sand	0 1
600	78 940	2 50	han	a, Portland Cement	D
				Materials	71
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
-100101				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2 [
1 384 54				Direct Unit Cost (C.1 ÷D.1) - As Submitted	_
: 100				Output per Hour - As Evaluated	D.2 (
1 25				Output per Hour - As Submitted	
1,100,01				Total (A.2+B.2) - As Evaluated	C.2
1 730 67				Total (A.1+B.1) - As Submitted	C.1 1
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	T
692.79				Sub-Total for B-1 As submitted	
103,73				Cip Total for D. A. C. Lande	
103 79				Minor Tools (10% of Labor Cost)	-
245.00	2,450.00	0.05	2	b. Water Truck/Pump	_
344.00	172.00	1.00	2	a. Une Bagger Mixer	B.1
				Equipment	T
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
-				O.F. Tatalone	
					A.2
2/00/10/				Labor	_
1.037.89				Sub-Total for A-1 As Submitted	
00:227	10120				_
722 50	45.16	1.00	16	c. Laborer	
234 44	58.61	1.00	4	b. Skilled Laborer	A.1
80.95	80.95	1,00	1	a. Construction Foreman	-
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
	Note: Use Two (2) gang	1			

m m o o o o

Prepared by:

5.1 Direct Unit Cost (E.1+F.1) - As Submitted
5.2 Direct Unit Cost (E.2+F.2) - As Submitted
6.2 Direct Unit Cost (E.2+F.2) - As Evaluated
6.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
6.1 Contractor's Profit - As Submitted
6.2 Contractor's Profit - As Evaluated
6.3 Value Added Tax - As Evaluated
6.4 Value Added Tax - As Submitted
6.5 Total Unit Cost - As Submitted
6.6 Total Unit Cost - As Evaluated
6.7 Total Unit Cost - As Evaluated
6.8 Total Unit Cost - As Evaluated
6.9 Total Unit Cost - As Evaluated
6.1 Total Unit Cost - As Evaluated
6.2 Total Unit Cost - As Evaluated

Materials

JERALD R. BARRERA Engineer II

Checked/Reviewed

5% of (G.1+H1+I1) 5% of (G.2+H2+I2) (G.1+H1+I1+J1) (G.2+H2+I2+J1)

4,815.38

229.30

310.92

388.65

12%/9%/7%/6% of G.1

10%/8% of G.1 10%/8% of G.1

12%/9%/7%/6% of G.1

3,886.50

ISIDRA A. ESTANISLAO Thum

Engineer IV

Item No./Description ---Handlald Rock Embankment

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 12,528.00 cu.m 3.13

Note: Use Five (5) gang

			I.2 Cont	1		_		G.1 Dire	Sub-	F.2	Mate	0	T	T	F.1	9, 0	Mat		E.Z Dire	_	_		C.2 Tot		Sub	В.2	Equ	Sut	N N	T	B.1	Equ		Sut	A.2		Sul		A. L		П	न्	
Total Unit Cost - As Evaluated Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tay As Evaluated	e Added Tax - As Submitted	Contractor's Profit - As Submitted	Contractor's Brofit - As Culmitted	Overhead. Contingencies & Miscellaneous (OCM) - As submitted	head, Contingencies & Miscellaneous (OCM) - As Submi	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 being	Materials	Total Court 4 A - Colonial				a, positiers	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	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	ה, המוטונו	D. Skilled Laborer	a. Construction Foreman		Labor	Designation
				ated	rted	Had										cu.m		Unit															No. of Units					40	10	1			No. of Person/s
																1.05		Quantity															No. of Hour/s					1.00	1.00	1.00			No. of Hour/s
5% of (G.2+H2+I2) (G.1+H1+I1+J1)	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											1,411.30		Unit Cost															Hourly Rate					45.16	58.61	80.95			Hourly Pate
3,942.81	187.75		254.58		318.23	1	3,182.25				1,481.87	1				1,481.87		Amount (Php.)	h	1,700.39	******	1 60	2,720.62	2000			* 17.50	247 33	247 33	1			Amount (Php.)	,	1	27110125	2,473,29	1,806.25	586,09	80.95		remodific (rilp.)	Amount (Bha)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reylewed

ISIDRA A. ESTANISLAO

Engineer IV

najor River Basins and Pricipal Rivers Construction of Flood Control Structure

Jaku Flood Control, Mahayag, Zamboanga del Sur

FORM-POW-2015-01D-00

Zamboanga del Sur

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

		J.1 Value Ad	I.2 Contract	I.1 Contract	H.2 Overhea	H.1 Overhea	_	_	_	F.2	- despera	Fortiment	Cuh Tot	F.1 a. Materials			E.2 Direct U		D.2 Output			C.1 Total (A	Sub-Tot	T	B3	Equipment	Sub-Tot	Minor T	b. Wate	B.1 a. One	Equipment		Sub-Tot	A.2	Labor	l abor	d. Laborers	c. Carpenters		A.1 a. Cons	Labor		
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		W. P.	an lor 1 - 1 As Subillifica	of for E-1 As Culmilland	rials	S	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			ent	Sub-Total for B-1 As Submitted	Minor Tools (10% of Labor Cost)	b. Water Truck	a. One Bagger Mixer	ent	Name and Capacity	Sub-Total for A-2 As Evaluated			Sub-Total for A-1 AS Submitted	reis	enters	ons	a. Construction Foreman		Designation	
					ated	nitted								lumpsum		Unit													1	1		No. of Units					6	ω	w	1		No. of Person/s	
														1		Quantity													8	32		No. of Hour/s					80	80	80	80		No. of Hour/s	
(G.1+H1+I1+J1)	5% of (G 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												7	2,450,00	172.00		Hourly Rate					45.16	58.61	58.61	80.95		Hourly Rate	
565,335.01	20/20017	26,920.71	- adiacrios	36 502 66		45,628,33	Į.	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/Revlewed

and Pricipal Rivers Construction of Flood Control Structure

Daku Flood Control, Mahayag, Zemboanga del Sur

FORM-POW-2015-01D-00

Zamboanga del Sur

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

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
374 651 36	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	J.2
17,840.54	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	1.1
1	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
ī	12%/9%/7%/6% of G.1		nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
356,810,82				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
356,810,82				Sub-Total for F-1 As Submitted	
356,810.82	356,810.82	Þ	lumpsum	a. Office Equipment/Facilities & Supplies	7
				Materials	1
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
4				Direct Unit Cost (C.1 +D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
1.00				Output per Hour - As Submitted	D.1
1				Total (A.2+B.2) - As Evaluated	C.2
				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					i
					B.)
				Equipment	
•				Sub-Local for B-T AS Submitted	T
				Cip. Total for B 1 As Culawrithed	
					D.L
				Equipment	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	
				Cap Total Idi W-1 W Subilliffed	T
				Sub-Total for A-1 As Submitted	
					A.1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

Engineer II

Checked/Reviewed

major River Basins and Pricipal Rivers Construction of Flood Control Structure Zamboanga del Sur

FORM-POW-2015-01D-00

Daku Flood Control, Mahayag, Zamboanga del Sur

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

..

	V 4	1 L	7.7	J.E.	H.2	HI	G.2	G.1		F.2					F.1				E.2	E.1	D.2	D.I	C.2	C.1		8.2			 B.1			 A.2	-		 A.1	
Total Unit Cost - As Evaluated	Total Unit Cost As Evaluated	Value Added Tax As Submitted	Value Added Tax 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		Equipment	Sub-Total for F-1 As Submitted	u. spareparts etc.	c. Tires	b. Engine Oil & Lubricants	a. Diesel Fuel	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	rdulment	Name and Capacity	Sub-Total for A-2 As Evaluated		Lauor	Sub-Total for A-1 As Submitted	a. Service Driver	 Designation
					uated	mitted							IS	pcs	S	ltrs	OII.	- - -												No. of Units					1	No. of Person/s
													1.00	4.00	1,00	5,040.00	Qualitity	Ougastla												No. of Hour/s					1344	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							100,000.00	10,000.00	30,000.00	50.00	Onit cost	Half Coat												Hourly Rate					58.61	Hourly Rate
525,808.67	,	25,038.51	1	1	3	r	1	500,770,16				422,000.00	100,000.00	40,000.00	30,000.00	252,000.00	Amount (Pnp.)	A COLON	, , , , , , , ,	78 770 16	1,00	1 00	78,770.18	71 055 05				•		Amount (Php.)	1			78,770.16	78,770.16	Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

Item No./Description . . Construction Survey and Staking

0.59 km 1.00

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

Designation No. of Person/Is No. of Hour/s Hourly Rate Amount (Php.)		(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2 T
of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 4 80 2 80 2 80 2 1 27 1 27 1 27 1 27 1 15 pcs 35 pcs 35 pcs 315		(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	
of Person/s No. of Hour/s 1 27 3 27 3 27 1 80 2 80 2 80 Unit Quantity pcs 35 pcs 115		5% of (G.1+H1+11)			Value Added Tax - As Evaluated	
of Person/s No. of Hour/s 1 27 3 27 3 27 1 80 2 80 2 80 Units No. of Hour/s 1 27 1 27 1 27 1 27 1 35 pcs 35 pcs 35 pcs 315		10%/8% of G.1			Value Added Tax - As Submitted	
of Person/s No. of Hour/s 1 27 3 27 3 27 1 80 2 80 2 80 2 1 27 Units No. of Hour/s 1 27 1 27 1 27 1 27 1 27 1 127 Unith Quantity pcs 35 pcs 115		10%/8% of G.1			Contractor's Profit - As Submitted	3 1
of Person/s No. of Hour/s 1 27 3 27 3 27 1 80 2 80 2 80 2 1 27 Units No. of Hour/s 1 27 1 27 1 27 1 27 1 27 1 27 1 27 1 27		12%/9%/7%/6% of G.1		iated	vernead, contingencies & Miscellaneous (OCM) - As Evalu	1,5
of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 4 80 2 80 2 80 2 1 27 1 27 Unit Quantity pcs 35 pcs 115		12%/9%/7%/6% of G.1		nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
Designation No. of Person/s No. of Hour/s 1 27 3 3 27 3 3 27 3 3 27 1 80 27 3 3 27 3 3 27 1 80 27 80 1 80 2 80 2					Direct Unit Cost (E.2+F.2) - As Evaluated	
Designation No. of Person/s No. of Hour/s 1 1 27 3 27 3 27 3 27 80 27 1 80 2 80 5 Submitted No. of Units No. of Hour/s No. of Hour/s Implete accessories 1 27 27 Submitted 1 27 27 Submitted 1 27 27 Evaluated Submitted 1 27 27 Evaluated Ev					Direct Unit Cost (E.1+E.1) - As Submitted	
Designation No. of Person/s No. of Hour/s 1 1 27 3 27 3 3 27 3 3 27 3 3 27 80 4 2 80 5 2 80 6 2 80 8 2 80 9 2 80 1 2 80 1 2 80 1 2 80 1 2 80 1 2 80 1 2 80 1 2 80 1 2 80 1 2 80 1 2 80 1 2 1 2 2 1 3 2 2 3 2 2 4 2 2	П				Total for E 2 An Evaluated	ol l
Designation No. of Person/s No. of Hour/s 1 1 27 3 27 3 27 3 27 3 27 3 27 3 27 4 1 80 2 80 2 80 36 8 2 80 36 8 2 80 30 9 2 80 30 8 1 2 80 9 2 80 30 8 1 2 80 9 1 2 80 9 1 2 80 1 2 80 30 9 1 2 80 1 2 80 30 1 2 2 80 1 2 2 30 1 2 2 35 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>F.2</td></td<>						F.2
Designation No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 2 80 2 80 Evaluated No. of Units No. of Hour/s Insulated 1 27 Submitted 1 27 Evaluated 1 27 Submitted 1 27 Evaluated 2 2 4-D.1) - As Submitted 2 2 4-D.2) - As Evaluated 4 4 4-D.2) - As Evaluated 4 4 4-D.2) - As Evaluated 5 4 4-D.2) - As Evaluated 4 4 4-D.2) - As Evaluated 5 5 4-D.2) - As Evaluated 5 5 4-D.2) - As Evaluated 4 4 4-D.2) - As Evaluated 5 5 5-D.2 - As Evaluated 5 5 6-D.2 - As Evaluated 6 6					Materials	12
Designation No. of Person/s No. of Hour/s 1 1 27 3 27 3 27 3 27 3 27 3 27 80 2 80 2 80 Evaluated No. of Units No. of Hour/s Inspect accessories 1 27 Submitted 1 27 Evaluated 1 27 Evaluated 2 2 Evaluated 2 2 Evaluated 3 27 Evaluated 4 4 4-D.1) - As Submitted 4 Quantity 4-D.2) - As Evaluated 4 Quantity 4-D.2) - As Evaluated 4 Quantity					Sub-Total for F-1 As Submitted	l so l
Designation No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 80 1 2 80 Evaluated No. of Units Implete accessories 1 27 Submitted 1 27 Evaluated Submitted Evaluated 4-D.1) - As Submitted Unit Quantity 4-D.2) - As Evaluated Unit Quantity		40.00	115	pcs	Miscellaneous (5% of Materials)	7 l c
Designation No. of Person/s 1 27 3 3 27 3 3 27 3 3 27 3 3 27 3 3 27 3 3 27 3 3 27 3 90 Submitted Evaluated Submitted Evaluated Submitted Evaluated Submitted Evaluated Submitted Fevaluated F		200.00	35	pcs	a. Standard Stake Plan b. Blue Printing	T.
No. of Person/s 1 27 3 27 3 27 3 27 4 80 2 80 No. of Units No. of Hour/s No. of Hour/s Unit Quantity Unit Quantity					Materials	
No. of Person/s 1 27 3 27 3 27 3 27 1 80 2 80 No. of Units No. of Hour/s		Unit Cost	Quantity	Unit	Name and Specification	
No. of Person/s 1 27 3 27 3 27 3 27 4 80 2 80 No. of Hour/s No. of Hour/s No. of Hour/s					Direct Unit Cost (C.2 +D.2) - As Evaluated	_
tion	1				Direct Unit Cost (C.1 +D.1) - As Submitted	
ition No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 3					Output per Hour - As Evaluated	
Apacity No. of Person/s 1 27 3 327 3 27 3 27 3 27 3 27 3 27 3 27					Output per Hour - As Submitted	
No. of Person/s No. of Hour/s 1 27 3 3 27 3 27 1 80 2 80 1 80 2 80 1 27 1 27 1 27					Total (A.2+B.2) - As Evaluated	_
No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 4 80 2 80 9 No. of Units No. of Hour/s 1 27					Total (A.1+B.1) - As Submitted	7 2
No. of Person/s 1 27 3 3 27 3 27 3 27 3 27 4 80 2 80 2 80 1 0. of Units No. of Hour/s						1 1
No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 4 80 2 80 9 No. of Units No. of Hour/s						B.2
No. of Person/s 1 27 3 27 3 27 3 27 3 27 4 80 2 80 2 80 V No. of Units No. of Hour/s					Equipment	Т
No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 4 80 2 80 9 No. of Units No. of Hour/s					Sub-Total for B-1 As Submitted	10
No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 4 80 2 80 2 80 No. of Units No. of Hour/s						
No. of Person/s 1 27 3 27 3 27 3 27 3 27 4 80 2 80 2 80 No. of Units No. of Hour/s		100.00	27	1	a. Total Station with complete accessories	B.1
Ation No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 3 27 1 80 2 80 1 80 2 80 No. of Units No. of Hour/s					Equipment	m
Ation No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 4 80 1 80 2 80		Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
tion No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 3 27 3 80 2 80					Sub-Total for A-2 As Evaluated	(0)
tion No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 3 27 3 80 2 80						A.2
tion No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 4 80 2 80						
tion No. of Person/s No. of Hour/s 1 27 3 27 3 27 3 27 3 27 3 80					Labor	
Designation No. of Person/s No. of Hour/s 1 27 3 27 3 27 1 80		10.80	00		Sub-Total for A-1 As Submitted	101
Designation No. of Person/s No. of Hour/s 1 27 3 27 3 27		80.95	80	S -	b. Skilled Laborer	m l
Designation No. of Person/s No. of Hour/s eer 1 27 3 27 3 27			3		a. Geodetic Engineer	n le
Designation No. of Person/s No. of Hour/s eer 1 27 3 27		45.16	27	ω	c, Laborer	
Designation No. of Person/s No. of Hour/s		58,61	27	u	b, Skilled Laborer	A.1
No. of Person/s No. of Hour/s		80.95	27	н	a. Geodetic Engineer	
No. of Person/s No. of Hour/s					(For Field Works)	<u> </u>
No. of Person/s No. of Hour/s		The state of the s			Lahor	
		Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

Item No./Description • • Project Billboard

Unit of Measurement Output per hour-As Submitted Output per hour-As Evaluated 4.00 unit 1.00

(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	Ш
3 5	5% of (G 1+H1+I1)			Value Added Tax - As Submitted	1
12	10%/8% of G.1			Contractor's Profit - As Submitted	7.7
[<u>G</u>	12%/9%/7%/6% of G.1		ıated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	(fisher
<u>G</u>	12%/9%/7%/6% of G.1		nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
-				Direct Unit Cost (E.2+F.2) - As Submitted Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
\perp				Sub-Total for F-2 As Evaluated	
+					F.2
_				Praterials	
\vdash				Sub-Total for F-1 As Submitted	
\dashv	78.00	1.00	kg	d. Assorted Sizes CWN Nails	
+	20.00	50.00	bd.ft:	c. Assorted Lumber Sizes	
+	800.00	1.00	pcs	b. Tarpauling (4" × 8")	į.
+	1 247 00	1 00	DCS	a. Marine Plywood, 3/6" thk x 4' x 8'	
	Unit Cost	Quantity	Unit	Name and Specification	
\vdash				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+R 2) - As Submitted	C
\vdash				Sub-Total for B-2 As Evaluated	_
-					В.2
+				Equipment	
_				oup- rotal for p.T ve annillitied	
				Sub-Total for R-1 As Submitted	
+				Equipment	B.1
	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
<u> </u>				Sub-Total for A-2 As Evaluated	
\vdash					A.2
\perp				2000	
				Sub-Total for A-1 As Submitted	T
$\perp \perp$					
Ш	45.16	L	2	c, Laborer	
Ш	58.61		2	_	A.1
_	80.95	-	-	2000	
\perp				Labor	
	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
			Water Company	CHARGO CONTRACTOR AND TO THE PROPERTY OF THE P	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

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

	(0,2112112131)			The state of the s	L
301,686.50	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	35
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	_
14,366.02	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
21,283.00	10%/8% of G.1			Contractor's Profit - As Submitted	1.1
4	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
	1206/906/706/R06 of G 1		nitted	Overhead. Contingencies & Miscellaneous (OCM) - As Suhmitted	H.1
266,037.48				Direct Unit Cost (E.1+F.1) - As Submitted	
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
12,360.00				Sub-Total for F-1 As Submitted	
2,400.00	100.00	24,00	pcs	C. Rain Coats (Rain Forced, Hip Length Small, Medium & Large)	
360.00	15.00	24,00	pair	b. Pairs, Working Gloves (Maong Materials)	
9,600.00	400.00	24.00	pair	Materials a. Pairs, Rubber Boots Men, Long with Steel Toe, Black	n n
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
nam/or i i i				Direct Unit Cost (C.2 +D.2) - As Evaluated	
252 677				Direct Unit Cost (C.1 +D.1) - As Submitted	E I
1.00				Output per Hour - As Submitted	J L
				Total (A.2+B.2) - As Evaluated	C.2
253,677.48				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
				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	
					A.2
				rapoi	i
253,677.48				Sub-Total for A-1 As Submitted	
199,278,24	74.14	1344	2	b. First Aider	A.1
54 390	80.95	672	1	a. Safety Practitioner	
				Labor	artimos (Con
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	***************************************
	A. 1771 co. 2000			Photo Classical Charles	petensi

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Sur DETAILED UNIT PRICE ANALYSIS

Item No./Description .. Mobilization & Demobilization

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

						H.2	H.1	G.2			F.2	_			Π H			E.2	E.1	_	_	CZ		2,8					<u></u>			-	D 3			-		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 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	Sub-Total for B-2 As Evaluated		r-duijanici ir	Sub-Total for b-1 AS Submitted	Sub-Total for B.1 As Submitted		a. Low Bed Trailer	Name and Capacity	Sub-Total for A-2 As Evaluated			Labor	Sub-Total for A-1 As Submitted				Labor	Designation
					Jarca	lated	nitted										Unit											7	٥	No. of Units										No. of Person/s
																	Quantity											20	50	No. of Hour/s										No. of Hour/s
(G.2+H2+I2+J1)	270 OI (0.2+H211)	5% of (G.1.111.11)	50% of (G 1+H1+T1)	10%/8% of G.1	T'S 10 040/04 //046/0477	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1										Unit Cost											4,255.38	4 255 20	Hourly Rate										Hourly Rate
	E00 433 40	01,000,00	22 620 40	1				/000	476.602.00					1	1	(other)	Amount (Php.)	ologzigo	476 602 00	T.00		476,602.00				476,602.00		4/6,602.00		Amount (Php.)					12			1 1		Amount (Php.)

Prepared by:

JERALD R. BARRERA
Engineer II

Checked/Reviewed

Item No./Description . . Structure Excavation

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

9,724.00 cu.m 20.00

Contractor's Profit - As Evaluated Contractor's Profit - As Evaluated Value Added Tax - As Submitted Value Added Tax - As Submitted Value Added Tax - As Submitted Total Unit Cost - As Submitted
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
Unit Quantity
1 1.00
-
No. of Units No. of Hour/s
3 1,00
No. of Person/s No. of Hour/s

Prepared by: JERALD R. BARRERA Engineer II ruet

Checked/Reviewed

Item No./Description .. Embankment from Borrow

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

1,829.00 cu.m 50.00

74775	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
7	2% OF (G.Z+HZ+12)			Total Unit Cost - As Submitted	
34.16	5% of (G.1+H1+I1)			Value Added Tax - As Evaluated	
	10%/8% of G.1			Value Added Tay - As Submitted	11
46.32	10%/8% of G.1			Contractor's Profit - As Submitted	_
	2%/9%/7%/6% of G.1	2	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	1
57.91	2%/9%/7%/6% of G.1	2	ıltted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	-
579.06				Direct Unit Cost (E.2+F.2) - As Submitted	
				Sub-Total for F-2 As Evaluated	
					F.2
1				Materials	
483 00				Sub-Total for F-1 As Submitted	
483,00	386.40	1.25	cu.m	a. Common Borrow	7
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification Materials	-
				Direct Offices (C.2 ÷D.2) - As Evaluated	E.2
96.06				Direct Unit Cost (C.1 ÷D.1) - As Submitted	
				Output per Hour - As Evaluated	_
50.00				Output per Hour - As Submitted	D.1
4,602.76				Total (A.2+B.2) - As Evaluated	C.2
				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					8.2
4,631.50				Equipment	1
				Sub-Total for R-1 As Submitted	
612.50	2,450,00	0.25	P	c. Water Truck/Pump	1,0
2,1/3.00	1 846 00	1.00	ı.,	b. Vibratory Roller	0
	3 173 00	200	-	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	Γ
	45.16	1.00	2	b. Laborer	A.1
	80.05	1.00	-	a. Construction Foreman	
				Labor	Cresto(Ata
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

HERALD R. BARRERA Engineer H

Checked/Reviewed

Item No./Description Aggregate Subbase Course

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 814.00 cu.m 50.00

	(G.2+H2+I2+J1)			Tofal Unit Cost - As Evaluated	2
1,624,08	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	2
77,77	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	
77 74	5% of (G 1+H1+I1)			Value Added Tax - As Submitted	3.1
104.86	10%/8% of G.1			Contractor's Profit - As Evaluated	
	2%/9%/7%/6% OF G.1	2	idied	Confractor's Drofit - As Culmithod	
131.08	2%/9%/7%/6% of G.1	2	nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H J
				Direct Offic Cost (E.Z+F.Z) - As Evaluated	_
1,310.80				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	_
					F.2
				Materials	
1,214,75				Sub-Total for F-1 As Submitted	
1,214.75	1,056.30	1.15	cu.m	a. Aggregate Subbase Course	
				Materials	Ξ
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
2				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	
96.06				Direct Unit Cost (C.1 ÷D.1) - As Submitted	
50.00				Output per Hour - As Evaluated	
				Output per Hour - As Suhmitted	
4,802.76				Total (A.2+B.2) - As Evaluated	CZ
				Total (A 1+R 1) - As Submitted	2
				Sub-Total for R-2 As Evaluated	
					В.2
Journa				Equipment	
4.631.50				Sub-Total for B-1 As Submitted	
					-
612.50	2,450.00	0.25	-	and a second of the second of	
1,846,00	1,846.00	1.00	4	c. Water Truck/Pump	В,1
2,173.00	2,173.00	1.00	* -	b. Vibratory Roller	
		8	•	a. Motorized Road Grader	
				Equipment	n-11
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	T
					1
					Δ Δ
1/1.26				Lahor	1
				Sub-Total for A-1 As Submitted	
1.					
90.31	45.16	1.00	2	b. Laborer	A.1
80.95	80.95	1.00	1		
		12		Labor	in GOSANIA
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 Unit Terrain cu.m. Flat to Rolling

Hauling Distance Effective Working Hours 5.00 8.00 km. Ž,

Hauling

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

Ğ,

Unit Weight of Course Aggrgates 1,534.00 1,640.00 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 Š

Speed when unloaded 40.00 핡

Loaded Running Ħ 5.00 30.00 60.00 Ħ ಠ mins.

Unloaded Running JI 5.00 40.00 60.00 П 7.5 mins.

Capacity of Dumptruck Loading & Unloading Total Cycle Time H 11 11 22.5070.00 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 Π 10.00 213.33 $\times \times$ 21.33 4.00 11 11 213.33 853.33 cu.m.

No. of Days for Dumptruck H 853,33 1,000.00 I days

EQUIPMENT USED: (2009 ACEL RATES)

Equipment Grand Total **Unit Cost** Estimated Quantity Lapor 4.00 - Unit Dumptruck ס ס o J 70 50,700.00 50,700.00 1,000.00 10.14 10,816.00 cu.m. /cu.m/km. (unit cost hauling per cu.m. per km.) day × 1.17 days Sub-Total •ਾ|ਦਾ 50,700.00 50,700.00

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

Equipment

	Hauling		Unit Cost per		Hauling Cost		-		Unit cost per
	Distance		cu.m/km		per km.		OTHI PROB		cu.m.
Cost of Fine Aggregates	45.00	×	10.14	H	456.30	+	700.00	11	1,156.30
Cost of Coarse Aggregates	45.00	×	10.14	11	456.30	+	750.00	ij	1,206.30
Cost of Item 200 Materalls	45.00	×	10.14	11	456.30	+	600.00	11	1,056.30
Cost of Item 201 Materails	45.00	×	10.14	II	456.30	+	630.00	()	1.086.30
Cost of Item 300 Materalls	45.00	×	10.14	II	456.30	+	700.00	11	1,156.30
Cost of Boulders	45.00	×	10.14	ŧI	456.30	+	955.00	IJ	1,411.30
Cost of Embankment, Common Borrow	10.00	×	10.14	ij	101.40	+	285.00	il	386.40
Cost of Embankment, Selected Borrow	10.00	×	10.14	Ħ	101.40	+	320.00	IJ	421.40

UNIT COST DERIVATION FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

3000	
19,998.56	TOTAL
	AND THE PROPERTY OF THE PROPER
90000000 CONTRACTOR OF THE PROPERTY OF THE PRO	
	AND THE PROPERTY OF THE PROPER
The state of the s	
THE PARTY OF THE P	
	Stone Masonry
3,937.50	Grouted Riprap, Class "A"
	Reinforced Concrete Culverts Pipe, 610 mm dia
34,56	Pipe Culvert & Storm Drain
	Structural Steel Furnished, Fabricated and Erected
16,026,50	Structural Concrete, fc'=27.58 Mpa
E	Portland Cement Concrete Pavement
The state of the s	Portland Cement Concrete Pavement
Quantity (Bags)	Description

Quantity 11 19,998.56 Bags

Delivery Charge 1) U 0.12 /bag/km

PROJECT SITE	Zamboanga del Sur 1st DEO	SHE	
50.00		HAULING DISTANCE	

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

Delivery Charge Delivery Charge H H 70 70 0.12 6.00 /bag × 50.00

* Delivery Truck 19,998.56 20,000.00 500.00 bags, (capacity per haul) bags (hauling works) kgs., (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 핡

Loaded Running 50.00 30.00 60.00 H <u>8</u> mins.

Unloading Running 11 50.00 40.00 × 60.00 75 mlns.

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

Total Cycle Time

mins.

No. of trips for Dumptruck per
$$=$$
 $\frac{8.00 \times 60.00}{220.00} =$ 2.18 trips

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 =
$$\frac{19,998.56}{4,363.64}$$
 = 4.58 days

LABOR:

Estimated Quantity 19,998.56 Bags

Unit Cost Grand Total Labor Delivery Cost Materials ס ס ס ס ס 16,867.29 5,399,611.20 276.84 5,536,469.85 119,991.36