

(IMPLEMENTING OFFICE)

PROGRAM OF WORK/BUDGET COST

FORM	POW-	201	5-01	-00

Project	:	Construction of Flood Control Structure along Left Bank of Disacan River (Upstream and Downstream) Package 2
Project ID	:	
ocation	:	Zamboanga del Norte
Station Limits	:	Upstream Line 1: 0+000.00 - 0+320.00; Upstream Line 2: 0+000.00-0+155.88; Downstream Line 3: 0+000.00-0+460.00
Source of Funds	;	CY-2019

: (a) Others 915.88 ln.m Net Length 0.92 km (b) Road (c) Bridge Target Start Date Total Project Duration 234 Calendar Days No. of Pre-determined 52 Calendar Days

26

Calendar Days

DESCRIPTION OF WORKS TO BE DONE	QUANTITY	UNIT		AS SUBMITTED	AS EVALUATED		
	Quantiza :	OHII	% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST	
T A: Facilities for the Engineers			1.66%	1,314,159.35			
B: Other General Requirements			0.98%	773,927.73			
C: Earthworks			2.88%	2,286,618.79			
D: Subbase and Base Course			1.48%	1,172,967.08			
E: Surface Courses			0.00%	-			
F: Bridge Construction			51.04%	40,506,184.84			
G: Drainage and Slope Protection Structures			41.97%	33,304,197.08			
H: Miscellaneous Structure			0.00%	-			
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	4,449,709.18	
2. Materials	61,720,738.10	
3. Rental of Equipment	13,187,607.60	
4. Provisional Sum/Daywork	- 1	
5. OCM and Profit	15,581,111.71	
6. Value Added Tax	4,746,958.33	
7. EAO, 3.5%	3,489,014.37	
8. RROW Acquisition	447,100.08	
9. Physical Reseved (Contigency)	142,760.62	
10. TOTAL ESTIMATED COST	103,765,000.00	
	103,765,000.00	

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	79,358,054.88	
B. OCM and Profit	15,581,111.71	
C. Value Added Tax	4,746,958.33	
D. Total Construction Cost	- 1	
E. Eng'g. & Administrative Overhead	3,489,014.37	
F. RROW Acquisition	447,100.08	
G. Physical Reserved (Contingency)	142,760.62	
H. TOTAL ESTIMATED COST	103,765,000.00	

Preparation and Submission:

Prepared by:

Checked/Submiletd by:

JERALD R. BARRERA

Engineer II DPWH ROS

Engineer IV DPWH RO9

Evaluation: Reviewed by

ATURNINO C. TORREFRANCA

District Engineer DPWH RO9

Approval:

Recommending Appr

Unworkable Days

Approved:

KHADAFFY D. TANGGOL

OIC-Assistant Regional Director

CAYAMONBAO D. DI Regional Director

DPIVH ROS



Zamboanga del Norte

FORM POW-2015-01A-00

ITEMIZED BREAKDOWN

		OHAI	MIIIA			DIRECT	COST		TOTAL U	NIT COST	% DIRECT
ITEM NO.	DESCRIPTION	20.0	******	UNIT	101/	AL	UNIT	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		613,639.69		0.61%
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	1,00		is	350,000.00		350,000.00		367,500.00		0.44%
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	1.00		ls	477,143.72		477,143.72		501,000.91		0.60%
	TOTAL OF PART A				1,314,159.35						1.66%
PART B	Other General Requirements										
B.4(1)	Construction Survey and Staking	0.92		km	41,324.15		45,119.61		56,850.71		0.05%
B.5	Project Billboard	4.00		unit	8 ,083.9 3		2,020.98		2,546.44		0.01%
B.7	Occupational Safety & Health Program	1.00		ls	247,917.66		247,917.66		281,138.63		0.31%
B.9	Mobilization & Demobilization	1.00		ls	476,602.00		476,602.00		500,432.10		0.60%
	TOTAL OF PART B				773,927.73						0.98%
PART C	Earthworks										
1702(1)	Structure Excavation	4,400.00		cu.m	702,913.64		159.75		201.29		0.83%
104(1a)	Embankment from Roadway Excavation	1,503.00		cu.m	347,044.88		230.90		290.94		0.44%
104(2a)	Embankment from Borrow	1,909.00		cu.m	1,235,560.27		647.81		816.23		1.56%
	TOTAL OF PART C				2,286,618.79				······································		2.88%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	850,00		cu.m	1,172,967.08		1,379.96		1,738.75		1.48%
	TOTAL OF PART D				1,172,967.08						1.48%
PART F	Bridge Construction			<u> </u>				CHARLE			
1716(6)	Structural Steel Sheet Piles, Furnished	9,240,00		m	27,053,247.94		2,927.84		3,689.08		34.09%
1716(12)	Structural Steel Sheet Piles, Driven	9,240.00		m	13,370,683.95		1,447.04		1,823.28		16.85%
1716 (16)	Steel Sheets Test Piles, Furnished and Driven	12.00		ln.m	82,252.95		6,854.41	The state of the s	8,636.56		0.10%
	TOTAL OF PART F				40,506,184.84		THE STATE OF THE S			T. C.	51.04%
PART G	Drainage and Slope Protection Structures										
404(1)a	Reinforcing Steel (Grade 40)	34,986.00		kg	1,900,404.29		54.32		68.44		2.39%
404(1)b	Reinforcing Steel (Grade 60)	16,790.00		kg	947,274.89		56.42		71.09		1.19%
405(1)a3	Structural Concrete, Class A	1,478.00		cu.m	10,086,192.23		6,824.22		8,598.51		12.71%
500(1)b3	Pipe Culvert & Storm Drain	13.00		in.m	41,249.85		3,173.07		3,998.06		0.05%
505(2)a	Grouted Riprap, Class "A"	1,446.00		cu.m	5,048,278.55		3,491.20		4,398.91		6.36%
715(2)	Separation Geotextila	1,578.00		sq.m	279,080.49		176.86		222.84		0.35%
508	Handlaid Rock Embankment	7,684.00		cu.m	15,001,716.78		1,952.33		2,459.94		18.90%
	TOTAL OF PART G				33,304,197.08						41.97%



Zamboanga del Norte

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	6	26			
2	Bullduzer		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			
24				49			
25				50			
	SUB-TOTAL				SUB-TOTAL		
		TOT	AL				





Construction/Rehabilitation of Flood Magation Facilities within Major River Basins and Principal Rivers, Construction of Flood Control Structure along Left Bank of Disacan River (Upstream and Downstream) Package 2 Zamboanga del Norte

FORM POW-2015-01C-00

					ITE	MIZED BREAKDO	WW.						
		,						REAKDOWN OF (OMPONENT CO	ST FOR FAI	CH ITEM		
ITEM NO	DESCRIPTION			T	T	DIRECT COST				7	AL MARK-UP		
			%	QTY	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	96	VALUE	5% VAT	TOTAL COST
PART A	Facilities for the Engineers	T					-,	-					······································
A 1 1/2\	Count of Fall Office founds Fri	AS EVALUATED		<u> </u>					-				
7.1.1 (3)	Const. of Field Office for the Enigneer	AS SUBMITTED	0.61%	1.00	ls	400,000.00	56,283,30	30,732.33	487,015.63	20.00%	97,403.13	29,220.94	613,639.69
A 1 1 (11)	Day Of Employee Format & Company	AS EVALUATED	T								,	25/22515 1	013,033.03
A.2.2 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS SUBMITTED	0.44%	1.00	İs	350,000.00		_	350,000.00	6.00%	-	17,500.00	367,500.00
A 1 2 (5)	Operation & Maintenance of Gov't, Service Vehicles	AS EVALUATED											
A.1.2 (3)	operation of maintenance of Gov t. Service venicles	AS SUBMITTED	0.60%	1.00	ls	404,000.00	73,143.72	-	477,143,72	0.00%	-	23,857.19	501,000.91
		AS EVALUATED					-						204,000
	TOTAL OF PART A	AS SUBMITTED	1.66%			1,154,000.00	129,427.02	30,732.33	1,314,159.35		97,403.13	70,578.12	1,482,140.60
PART B	Other General Requirements												
B.4(1)	Construction Supray and Shifting	AS EVALUATED											
D.4(1)	Construction Survey and Staking	AS SUBMITTED	0.05%	0.92	km	12,180.00	26,444.15	2,700.00	41,324.15	20.00%	8,264.83	2,479.45	52,068.43
D.E.	B.5 Project Billboard	AS EVALUATED											
6.5	replect purposit	AS SUBMITTED	0.01%	4.00	unit	6,930.00	1,153.93	-	8,083.93	20.00%	1,616.79	485.04	10,185.75
B.7 (Occupational Safety & Health Program	AS EVALUATED					,				.,,		10,103.73
	occapations salety & rieast riogiani	AS SUBMITTED	0.31%	1.00	ls .	12,360.00	235,557.66	-	247,917.66	8.00%	19,833.41	13,387.55	281,138.63
8.9	B.C. L. There is a C. P. L.	AS EVALUATED											202,100.00
0.9	Mobilization & Demobilization	AS SUBMITTED	0.60%	1.00	ls	-	-	476,602.00	475,602.00	0.00%	-	23,830.10	500,432.10
		AS EVALUATED						· · · · · · · · · · · · · · · · · · ·					330, 132,23
ļ	TOTAL OF PART B	AS SUBMITTED	0.98%			31,470.00	263,155.73	479,302.00	773,927.73		29,715.03	40,182.14	843,824.90
PART C	Earthworks												0.0,02.1.00
1702(1)	Structure Excavation	AS EVALUATED									••••		
1702(1)	Structure excavagor	AS SUBMITTED	0.89%	4,400.00	cu.m	- 1	47,612.40	655,301.24	702,913.64	20,00%	140,582.73	42,174.82	885,671.19
104(15)	Embada and San Banda at the san S	AS EVALUATED											
104(1a)	Embankment from Roadway Excavation	AS SUBMITTED	0.44%	1,503.00	cu.m	- 1	9,421.18	337,623.70	347,044.88	20.00%	69,408.98	20,822.69	437,276.55
104/2-1	E-lands and form B	AS EVALUATED											137,470.33
104(2a)	Embankment from Borrow	AS SUBMITTED	1.56%	1,909.00	cu.m	1,053,290.75	6,538.85	176,830.67	1,236,660.27	20.00%	247,332.05	74,199.62	1,558,191.94
		AS EVALUATED										, 425002	2,000,201.51
	TOTAL OF PART C	AS SUBMITTED	2.88%			1,053,290.75	63,572,43	1,169,755.61	2,285,618.79		457,323.76	137,197.13	2,881,139.68
PART D	Subbase and Base Course		I				,					20/,25/.25	2,001,100.00
700(1)	Agence and College Communication of the Communicati	AS EVALUATED											
200(1)	Aggregate Subbase Course	AS SUBMITTED	1.48%	850.00	cu-m	1,091,320.10	2,911.48	78,735.50	1,172,957.08	20.00%	234,593.42	70,378.03	1,477,938.53
	TAN. AF	AS EVALUATED										//	4,1,7,000000
	TOTAL OF PART D	AS SUBMITTED	1.48%			1,091,320.10	2,911,48	78,735.50	1,172,967.06		234,593.42	70,378.03	1,477,938.53
PART F	Bridge Construction		<u>.</u>					-,,,-	7 7			, 0,00 0.00	4,717,330.33
1716(0)		AS EVALUATED	·							···	·		
₹\Tρ(₽)	Structural Steel Sheet Piles, Rumished	AS SUBMITTED	34.09%	9,240.00	m	26,611,200.00	37,021.76	405,026,18	27.053.247.94	20.00%	5,410,649.59	1,623,194.88	34,087,092.40

£						1							
1716(12)	Structural Steel Sheet Piles, Driven	AS EVALUATED				[
	January, Minor	AS SUBMETTED	16.85%	9,240.00	m	2,984,683.36	650,072.12	9,735,928.47	13,370,683.95	20.00%	2,674,136.79	802,241.04	16,847,061,78
1716 (16)	 Steel Sheets Test Piles, Furnished and Driven	AS EVALUATED										,	
	Steel	AS SUBMITTED	0.10%	12.00	ln.m	64,399.20	3,517.71	14,336.05	82,252.95	20.00%	16,450.59	4,935.18	103,638.72
	TOTAL OF PART F	AS EVALUATED											
		AS SUBMITTED	51.04%			29,660,282.56	690,611.58	10,155,290.69	40,506,184.84		8,101,235.97	2,430,371.09	51,037,792.90
PARTS	Drainage and Slope Protection Structures												
404(1)a	Reinforcing Steel (Grade 40)	AS EVALUATED											
	(232 10)	AS SUBMITTED	2.39%	34,986.00	kg	1,700,844.39	108,732.36	90,827.54	1,900,404.29	20.00%	380,080.86	114,024.26	2,394,509_41
404(1)b	 Reinforcing Steel (Grade 60)	AS EVALUATED						1					
	(4255 55)	AS SUBMITTED	1.19%	16,790.00	kg	851,504.85	52,181.34	43,588.71	947,274.89	20.00%	189,454.98	56,836.49	1,193,566.37
405(1)a3	Structural Concrete, Class A	AS EVALUATED											
		AS SUBMITTED	12.71%	1,478.00	cu.m	8,139,257.33	1,343,207.72	603,727.17	10,085,192.23	20.00%	2,017,238.45	605,171.53	12,708,602.20
500(1)53	Pipe Culvert & Storm Drain	AS EVALUATED											
	•	AS SUBMITTED	0.05%	13.00	ln.m	29,574.90	4,924.32	6,750.63	41,249.85	20.00%	8,249.97	2,474.99	51,974.81
505(2)a	Grouted Riprap, Class "A"	AS EVALUATED											
		AS SUBMITTED	6.36%	1,446.00	cu.m	4,073,008.41	576,902.31	398,367.83	5,048,278.55	20.00%	1,009,655.71	302,896.71	6,360,830.97
715(2)	 Separation Geoteotile	AS EVALUATED											
	•	AS SUBMITTED	0.35%	1,578.00	sq.m	265,104,00	4,413.81	9,562.68	279,080.49	20.00%	55,81 6 .10	16,744.83	351,641.42
508	Handlaid Rock Embankment	AS EVALUATED											
		AS SUBMITTED	18.90%	7,684.00	cu.m	13,671,080.81	1,209,669.07	120,966,91	15,001,716.78	20.00%	3,000,343.36	900,103.01	18,902,163.15
	TOTAL OF PART G	AS EVALUATED											
		AS SUBMITTED	41,97%			28,730,374.69	3,300,030.92	1,273,791.47	33,304,197.08		6,660,839.42	1,998,251.82	41,963,288.32
	GRAND TOTAL	AS EVALUATED											
		AS SUBMITTED	100.00%	-		61,720,738.10	4,449,709.18	13,187,607.60	79,358,054.88		15,581,111.71	4,745,958.33	99,686,124.92





Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers, Construction of Flood Control Structure along Left Bank of Disacan River (Upstream and Downstream) Package 2

Zamboanga del Norte

SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

FORM POW-2015-02-00

	DESCRIPTION OF WORKS TO BE I	OONE	ESTIMATED DIRECT COST	7	TOTAL MARK-UP	VAT			
	DEGICAL LEGICAL MORES TO BE	ZORL	ESTIMATED DIRECT COST	%	TOTAL DIRECT COST	VAT	TOTAL INDIRECT COST	TOTAL COST	
PART A	Facilities for the Engineers	AS EVALUATED							
PANI A	FART A Tracindes for the Engineers	AS SUBMITTED	1,314,159.35		97,403.13	70,578.12	167,981.25	1,482,140.60	
DADT R	Other Canaral Requirements	AS EVALUATED				***************************************			
PART B Other General Requirements	AS SUBMITTED	773,927.73		29,715.03	40,182.14	69,897.17	843,824.90		
PART C Earthworks	AS EVALUATED								
	auwork	AS SUBMITTED	2,286,618.79		457,323.76	137,197.13	594,520.89	2,881,139.68	
DARTD	Subbase and Base Course	AS EVALUATED							
PARID	Subbase and base Course	AS SUBMITTED	1,172,967.08		234,593.42	70,378.03	304,971.44	1,477,938.53	
PART F	Bridge Construction	AS EVALUATED							
PARII	Bridge Consulction	AS SUBMITTED	40,506,184.84		8,101,236.97	2,430,371.09	10,531,608.06	51,037,792.90	
PART G	Drainage and Slope Protection Structures	AS EVALUATED							
PART	Dialitage and Stope Protection Surfacilities	AS SUBMITTED	33,304,197.08		6,660,839.42	1,998,251.82	8,659,091.24	41,963,288.32	
	TOTAL	AS EVALUATED							
	IOIAL	AS SUBMITTED	79,358,054.88		15,581,111.71	4,746,958.33	20,328,070.04	99,686,124.92	

Preparation and Submission:

Prepared by:

Checked/Submiletd by:

8

Engineer IV

DPWH RO9

JERALD R. BARRERA ISIDRA A. ESTANISLAO

Engineer II

DPWH RO9

Evaluation:

Reviewed by:

SATURNINO/C. TORREFRANCA

District Engineer

DPWH RO9

Approval:

Recommending Approval

KHADAFFYD. TANGGOL

OIC-Assistant Regional Director

DPWH RO9

Approved:

Pecianal Directo

Regional Director

DPV/H RO9





Construction/Rehabilitation of Flood Mixigation Facilities within Major River Basins and Principal Rivers, Construction of Flood Control Structure along Left Bank of Disacan River (Upstream and Downstream) Package 2 Zamboanga del Norte

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			
PART A	Facilities for the Engineers					45 10 10 10			48.048.635.656	laterately experience and	Transfer State Contract
A.1.1 (3)	Const. of Field Office for the Enigneer	AS EVALUATED									
		AS SUBMITTED	1.00	ls	487,015.63	20.00%	97,403.13	29,220.94	125,624.06	613,639.69	613,639.6
A.1.1 (11	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS EVALUATED									
	The state of the s	AS SUBMITTED	1.00	ls	350,000.00	0.00%	-	17,500.00	17,500.00	367,500.00	367,500.00
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED									
		AS SUBMITTED	1.00	lş	477,143.72	0.00%	-	23,857.19	23,857.19	501,000.91	501,000.9
	TOTAL OF PART A	AS EVALUATED									,
	IOIAL OF FARIA	AS SUBMITTED			1,314,159.35	<u> </u>	97,403.13	70,578.12	167,981.25	1,482,140,60	
PART B	Other General Requirements					1000000			PASIL PROPERTY SA		an in the state of
B.4(1)	Comstruction Survey and Staking	AS EVALUATED									(18 m 18
D. 1(2)	Constitution Startey and Starting	AS SUBMITTED	0.92	km	41,324.15	20.00%	8,264.83	2,479.45	10,744.28	52,068.43	56,850.71
8.5	Dreiget Billheard	AS EVALUATED						<u> </u>			
	8.5 Project Billboard	AS SUBMITTED	4.00	unit	8,083.93	20.00%	1,616.79	485.04	2,101.82	10,185.75	2,546.44
B.7	Organisma Cofee & Usalah D	AS EVALUATED									
B./	Occupational Safety & Health Program	AS SUBMITTED	1.00	İs	247,917.66	8.00%	19,833.41	13,387.55	33,220.97	281,138.63	281,138.63
B.9	Mobilization & Demobilization	AS EVALUATED				<u> </u>	<u> </u>				
	PRODUZACION & DEMODRIZACION	AS SUBMITTED	1.00	İs	476,602.00	0.00%	<u>.</u>	23,830.10	23,830,10	500,432,10	500,432.10
		AS EVALUATED			-	ļ					
	TOTAL OF PART B	AS SUBMITTED			773,927.73	<u> </u>	29,715.03	40,182.14	69,897.17	\$43,824.90	
PART C	Easthworks	On the out of the	A(Y)/243-2465-76	20048048	Assaulija saata ka waxaa ka k	455465700	andaria komo ji kaketi.		A Militaria Cara de La Calcalia.	Visikibilara x waxasia	Acceptace to the first of
1702/13		AS EVALUATED							er Period (in properties) in period beginne en propie		
1702(1)	Structure Excavation	AS SUBMITTED	4,400.00	cu.m	702,913.64	20.00%	140,582.73	42,174.82	182,757.55	885,671.19	201.29
104(1a)	East-planet for Dockury Events	AS EVALUATED						,			
104(19)	Embankment from Roadway Excavation	AS SUBMITTED	1,503.00	cu.m	347,044.88	20.00%	69,408.98	20,822.69	90,231.67	437,276.55	290.94
104/2m3		AS EVALUATED					,			,	
104(24)	Embankment from Borrow	AS SUBMITTED	1,909.00	TLU3	1,236,660.27	20.00%	247,332.05	74,199.62	321,531.67	1,558,191.94	816.23
		AS EVALUATED						•			
	TOTAL OF PART C	AS SUBMITTED			2,286,618.79		457,323.76	137,197.13	594,520.89	2,881,139.68	
PART D	Smbbase and Base Course	ČE KRODE P	775/35/35/35			11 30 19 5 7 5 1	de la la companion de la companion de la companion de la companion de la companion de la companion de la compa		MINISTER AND A STORE AND A STORE	ander formalist for the e-	- -kua eru kireratukikalia
200/13		AS EVALUATED				20,000,000,000,000	ng gerupa di Amerika da Arighida an Aribbigas a				<u> Maria de la comita de terresta.</u>
200(1)	Aggregate Subbase Course	AS SUBMITTED	850.00	cu.m	1,172,967.08	20.00%	234,593,42	70,378.03	304,971.44	1,477,938.53	1,738.75
		AS EVALUATED			-					7,7,7	27,000,2
	TOTAL OF PART D	AS SUBMITTED			1,172,967.08		234,593.42	70,378.03	304,971,44	1,477,938.53	
PARTF	Bridge Construction		Witnesses Co.	934999453	serial constituence	4605068		Karana katalan mara			
17100		AS EVALUATED				egi gi saansaa liikk	 A section of a section deposits of a section of the section. 	tala et districts quality and second		unu savituratera ravittar Ne	gestern voltestipiijo bijo (j.
1\10(0)	Structural Steel Sheet Piles, Furnished	AS SUBMITTED	9,240.00	m	27,053,247.94	20.00%	5,410,649.59	1,623,194.88	7,033,844.46	34,087,092,40	3,689.08

1716(12)	Structural Steel Sheet Piles, Driven	AS EVALUATED									
		AS SUBMITTED	9,240.00	m	13,370,683.95	20.00%	2,674,136.79	802,241.04	3,476,377.83	16,847,061.78	1,823.2
1716 (16)	Steel Sheets Test Piles, Furnished and Driven	AS EVALUATED									
. ,	, and the test test test and birds	AS SUBMITTED	12.00	ln.m	82,252.95	20.00%	16,450.59	4,935.18	21,385.77	103,638.72	8,636.5
	TOTAL OF PART F	AS EVALUATED			-						
		AS SUBMITTED			40,506,184.84		8,101,236.97	2,430,371.09	10,531,608.06	51,037,792.90	
PARTG	Drainage and Slope Protection Structures										Town American
404(1)a	Reinforcing Steel (Grade 40)	AS EVALUATED					NEE ON PLANSING AND DESIGNATION OF	and the second s	Marie Committee and the Committee of the	AUGUSTA AND STOCK THE CHARLES THE SAN	
	The state (class 10)	AS SUBMITTED	34,986.00	kg	1,900,404.29	20.00%	380,080.86	114,024.26	494,105.12	2,394,509.41	68.4
404(1)b	Reinforcing Steel (Grade 60)	AS EVALUATED								, , , , , , , , , , , , , , , , , , , ,	
	Cauca so)	AS SUBMITTED	16,790.00	kg	947,274.89	20.00%	189,454.98	56,836.49	246,291.47	1,193,566.37	71.0
405(1)a3	Structural Concrete, Class A	AS EVALUATED								, , , , , , , , , , , , , , , , , , , ,	
		AS SUBMITTED	1,478.00	cu.m	10,086,192.23	20.00%	2,017,238.45	605,171.53	2,622,409.98	12,708,602.20	8,598.51
500(1)b3	Pipe Culvert & Storm Drain	AS EVALUATED									.,
		AS SUBMITTED	13.00	ln.m	41,249.85	20.00%	8,249.97	2,474.99	10,724.96	51,974.81	3,998.06
505(2)a	Grouted Riprap, Class "A"	AS EVALUATED									
	STATE OF SECTION AND A	AS SUBMITTED	1,446.00	cu.m	5,048,278.55	20,00%	1,009,655.71	302,896,71	1,312,552.42	6,360,830,97	4,398.91
715(2)	Separation Geobertile	AS EVALUATED									
• • •		AS SUBMITTED	1,578.00	m.pa	279,080.49	20.00%	55,816.10	16,744.83	72,560.93	351,641.42	222.84
508	Handlaid Rock Embankment	AS EVALUATED									
		AS SUBMITTED	7,684.00	cu.m	15,001,716.78	20.00%	3,000,343.36	900,103.01	3,900,446.36	18,902,163.15	2,459.94
	TOTAL OF PART G	AS EVALUATED			-						7
	10.20.120.0	AS SUBMITTED			33,304,197.08		6,660,839.42	1,998,251.82	8,659,091.24	41,963,288.32	
	GRAND TOTAL	AS EVALUATED			-						
		AS SUBMITTED			79,358,054.88		15,581,111.71	4,746,958.33	20,328,070.04	99,686,124.92	

Preparation and Submission:

Prepared by:

JERALD R. BARRERA

Engineer II DPWH ROS

Checked/Submiletd by:

Engineer IV

DPWH RO9

Evaluation:

SATURNINO C. TORREFRANCA District Engineer

DPWH RO9

99,686,124.92

Zamboanga del Norte

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

K.2	K.1	_		Ļ	丄	Ľ	╄-	_	_	(0)	F.2		T		E.2			_	_	CI	_	B.2				D. L				A.2					_	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		Sub-Total for F-1 As Submitted Equipment	materials a. Materials	Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for R-1 As Submitted	D. Water Truck	d. One bagger Mixer	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	d. Laborers	c. Carpenters	b. Masons	a. Construction Foreman	Labor
						luated	mitted		A contract of the contract of				lumpsum	Unit											1			No. of Units					6	з	ω	1	
													Þ	Quantity											8	32		No. of Hour/s					80	80	80	80	
(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						400,000.00	Unit Cost											2,450.00	172.00		Hourly Rate					45.16	58.61	58.61	80.95	i i i i i i i i i i i i i i i i i i i
	574,916.96		27,377.00	t	36,502.66		54,754.00	ı	456,283.30			400,000.00	400,000.00	Amount (Php.)	1	56,283.30	g g	1,00	5	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	ranount (rip)

Prepared by:

JERALD R. BARRERA Engineer II

Zamboanga del Norte

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

1.00 ls 1.00

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

			-	Tahor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
					_

367,500.00	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
	5% of (G.2+H2+I2)			Total Unit Cost - As Evaluated	
17,500.00	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
1	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
1	10%/8% of G.1			Contractor's Profit - As Submitted	_
2	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
	12%/9%/7%/6% of G.1		nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
350,000.00				Direct Unit Cost (E.2+F.2) - As Submitted Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
350,000.00				Sub-Total for F-1 As Submitted	
350,000.00	350,000.00	Þ	lumpsum	a. Office Equipment/Facilities & Supplies	Fi
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	
3				Direct Unit Cost (C.1 +D.1) - As Submitted	E.1
1.00				Output per Hour - As Evaluated	
100				Output per Hour - As Submitted	
1				Total (A.2+B.2) - As Submitted	C2
				Sub-Total for B-2 As Evaluated	
					_
					8,2
				Equipment	
				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
					» د
				Labor	
				Sub-Total for A-1 As Submitted	- francos
				Labor	<u> </u>
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	~

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte

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

.. 1.00 ls 1.00

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

K.1 Total Unit Cost	L		_		Ľ	_	_	G 2 Direct Unit Cost		F.2	Equipment	Sub-Total for F	u, opaiepais etc.	C. IIres	F.1 b. Engine Oil & Lubricants		Materials		E.2 Direct Unit Cos		D.2 Output per Hou	D.1 Output per Hou	C.2 Total (A.2+B.2		Sub-Total for B	B.2	Equipment	Sub-Total for E	DI	Equipment		Sub-Total for A	A.2	Labor	Sub-Total for /	A.1 a. Service Driver	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	Overnead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As submitted	(Lizitive) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	-2 As Evaluated			Sub-Total for F-1 As Submitted	ic.		Lubricants			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			Sub-Total for B-1 As Submitted			Name and Capacity	Sub-Total for A-2 As Evaluated			Sub-Total for A-1 As Submitted	er'		Designation
					uated	nitted							īS	pcs	s	ltrs		Unit													No, of Units					1		No. of Person/s
													1.00	4.00	1.00	4,680.00		Quantity													No. of Hour/s					1248		No. of Hour/s
(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							100,000.00	10,000.00	30,000.00	50.00		Unit Cost													Hourly Rate					58.61		Hourly Rate
501,000.91		23,857.19	3		,		ı.	477,143.72	1			404,000.00	100,000.00	40,000.00	30,000.00	234,000.00		Amount (Php.)		73,143.72		1.00	21.012/01	73 143 77				1			Amount (Php.)	T			73.143.72	73,143.72		Amount (Php.)

Prepared by:

JERALD R. BARNERA Engineer II

Checked/Reviewed

From Management IV

Checked/Reviewed

STANTIAN

Engineer IV

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description • Construction Survey and Staking

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 0.92 km 1.00

Prepared by:

JEBALD R. BARRÈRA Engineer II

Checked/Reviewed

Zamboanga del Norte 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

K2 T0					H.2 0		_	_		 F.5	3	S	ما	<u>د</u> ا	<u></u>			E.2 D	_		_	_	C.1 T	251	8.2	Ter	1 5	2	B.1	πI		ارد	A.2	; T	 -	lo:			A.1 bT	٦Ι	TE	-1	
Total Unit Cost - As Evaluated	Total Unit Cost As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	d. Assorted Sizes CWN Nails	c. Assorted Lumber Sizes	b. Tarpauling (4" x 8")	Materials a. Marine Divwood. 3/6" thk v 4' v 8'	Name and Specification	irect 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	T-16-11-11-11-11-11-11-11-11-11-11-11-11-	ES ANDERICA II		Name and Capacity	Sub-Total for A-2 As Evaluated			Labor	Sub-Total for A-1 As Submitted		c. Laborer	b. Skilled Laborer	a. Construction Foreman	Labor		Designation
					uated	nitted							Ğ	bd.ft	DCS DC3		Unlt														No. of Units							2 2	2 F	-			No. of Person/s
													1.00	50.00	1.00	3	Quantity														No. of Hour/s						ŀ	-		•			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							55.00	18.00	800.00	950.00	Unit Cost														Hourly Rate						OI.CF	76.16	60.55	90.05			Hourly Rate
3,576,49		170.31		227.08	•	340,62	1	2,838.48	•			2,550.00	55,00	900.00	00.00		Amount (Php.)	ł	288,48		1.00	1000	288.48				1			Annount (mile)	Amount (Php.)					288.48	30.31	77./11	117 22	200		(other A months	Amount (Php.)

Prepared by:

Engineer II Craess,

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Rem No./Description Occupational Safety & Health Program

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

F.2 Sub-Total for F-2 As Evaluated G.1 Direct Unit Cost (E.1+F.1) - As Su G.2 Direct Unit Cost (E.2+F.2) - As Evaluated G.1 Overhead, Contingencies & Misce H.1 Overhead, Contingencies & Misce H.2 Overhead, Contingencies & Misce H.2 Overhead, Contingencies & Misce H.2 Overhead, Contingencies & Misce H.3 Overhead, Contingencies & Misce H.4 Contractor'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
s Evaluated (1+F.1) - As Submitted (2+F.2) - As Evaluated
Jbmitted

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte 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

K2	V 4			L			G.2	G.1		F.2				F				E,1		_	C.2			В.2	****			D 			A.2					A.1			
Total Unit Cost - As Evaluated	Tabilibit Cost As Evaluated	Value Added Tax As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted			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	ar fow pen Hallel	Equipment Follow	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	0.00			Labor		Designation
					luated	mitted										Unit											2		No. of Units									inci or i croonly o	No. of Person/s
																Quantity											56		No. of Hour/s									inor or ribary	No. of Hour/s
(G.2+H2+I2+J1)	5% OF (G.Z+HZ+ZZ)	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											4,255.38		Hourly Rate									Hodily Nate	Hourly Rate
500,432.10	100	23,830.10	•	1) F	1	ſ	476,602.00	1					r		Amount (Php.)	a.	476,602.00	2	1.00	1	476,602.00				476,602.00	476,602.00		Amount (Php.)				1			,		Allouir (rip.)	Amount (Dhn)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Revlewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description ** Structure Excavation

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 4,400.00 cu.m 20.00

	J.2 Value A		I.2 Contrac		H.2 Overhe	_	_	_	Sub-To	F.2	i idea idia	Materia	0 h T		Materials		E.Z Ulrect			_		C.1 Total (в.2	Equipment	Sub-To	C. Minc	_	B.1 a. Dumptruck	Equipment		Sub-Tc	A.2	Labor	Sub-Tc		Τ	A.1 b. Laborer	a. Consi	Labor	1	
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			Sub-Total for F-1 AS Submitted	tal for E 4 As Culosifical		NS .	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		nent	Sub-Total for B-1 As Submitted	c. Minor Tools (10% of Labor)	thoe	ptruck	ent	Name and Capacity	Sub-Total for A-2 As Evaluated			Sub-Total for A-1 As Submitted			rer	a. Construction Foreman		posigliano.	Designation
					ated	nitted										Unit												±	1		No. of Units							3	1		No. of relacity	No of Dareon/s
																Quantity												1.00	1.00		No. of Hour/s							1.00	1.00		No. of Hour's	No of Hours
(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										Unit Cost												1,537.00	1,420.00		Hourly Rate							45,16	80.95		nouny rate	Danielo Data
201.29		9,59		12.78	1	19.17	Ž.	159.75					s	g.	z.	Amount (Php.)	and the second s	159.75		20.00	0)200100	3.195.06			elasoro.	2 978 64	21.64	1,537.00	1,420.00		Amount (Php.)		i		216.42			135.47	80.95		Amount (Prip.)	Associat (Black)

Prepared by:

JERAKD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte

DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description : Embankment from Roadway Excavation

Unit of Measurement : 1,
Output per hour-As Submitted :
Output per hour-As Evaluated :

1,503.00 cu.m 50.00

B.2 8.1 A.2 A.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
 Contractor's Profit - As Submitted
 Contractor's Profit - As Evaluated
 Value Added Tax - As Submitted
 Value Added Tax - As Evaluated
 . Vibratory Roller
c. Water Truck/Pump
Sub-Total for B-1 As Submitted
Equipment b. Payloader
c. Dumptruck
Spreading and Compaction
a. Motorized Road Grader b. Laborer Direct Unit Cost (E.1+F.1) - As Submitted
Direct Unit Cost (E.2+F.2) - As Evaluated Sub-Total for F-2 As Evaluated Materials Materials Direct Unit Cost $(C.1 \div D.1)$ - As Submitted Direct Unit Cost $(C.2 \div D.2)$ - As Evaluated 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 a. Bullduzer For Excavation Work Equipment Sub-Total for A-2 Sub-Total for A-1 As Submitted For Excavation Work Sub-Total for F-1 As Submitted Labor Spreading and Compaction Laborer Construction Foreman Construction Foreman Name and Specification As Evaluated As Evaluated Name and Capacity Designation No. Ş, of Person/s Unit of Units 2 No. No. Quantity of Hour/s 0.83 of Hour/s 1.00 1.00 0.25 0.83 0.83 1.00 0.83 0.83 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+I1) 5% of (G.2+H2+I2) Hourly Rate Hourly Rate (G.2+H2+I2+J1) 3,379.00 1,733.00 1,420.00 (G.1+H1+I1+J1) 2,173.00 1,846.00 2,450.00 Unit Cost 80,95 45.16 80.95 45.16 Amount (Php.) Amount (Php.) Amount (Php.) 11,545.07 1,438.39 2,357.20 2,173.00 1,846.00 2,804.57 313.41 230.90 290,94 230.90 90.31 50,00 80.95 74.96 67,19 18,47 27.71 13.85

Prepared by:

Engineer II

Trality

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description 2.5 Embankment from Borrow

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

1,909.00 cu.m 50.00

	(U.ZTHZT1ZT)			TOTAL STILL STORE THE EXHIBITION	L
816.23	(B.1+H1+H1+J1)			Total Unit Cost - As Evaluated	
	5% of (G.2+H2+I2)			Total Unit Cost - As Submitted	7.7.
38,87	5% of (G.1+H1+I1)			Value Added Tax As Submitted	\perp
	10%/8% of G.1			Contractor's Profit - As Evaluated	
51.82	10%/8% of G.1			Contractor's Profit - As Submitted	
1	12%/9%/7%/6% of G.1		ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
77.74	12%/9%/7%/6% of G.1		nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
a				Direct Unit Cost (E.2+F.2) - As Evaluated	
647.81				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
1				Sub-Total for F-2 As Evaluated	
				riderials	F.2
551.75				Sub-Total for F-1 As Submitted	I
-					
551 75	441.40	1.25	cu.m	a. Common Borrow	F
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
•				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
96.06				Direct Unit Cost (C.1 +D.1) - As Submitted	
				Output per Hour - As Evaluated	
50.00				Output per Hour - As Submitted	
4,802.76				Total (A.2+B.2) - As Evaluated	C2
				Total (A.1+B.1) - As Submitted	
				Cub Total for B 2 Ac Evaluated	_
					B,2
				Equipment	
4,631,50				Sub-Total for B-1 As Submitted	
612.50	2,450.00	0.25	ı	c. Water Truck/Pump	
1.846.00	1,846,00	1.00	r	b. Vibratory Roller	77
2,173.00	2,173.00	1.00	!	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.2
				Labor	
171.26				Sub-Total for A-1 As Submitted	
¥					
ŕ					
90.31	75.10	1:00			
80.95	80.95	1.00	o ⊧	b. Laborer	A.1
				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 ISIDRA A. ESTANISLAO
Engineer IV

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description .. Aggregate Subbase Course

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 850.00 cu.m 50.00

r	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
1,738.75	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	<u></u>
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	J.2
82.80	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	J.1
OF.OLT	10%/8% of G 1			Contractor's Profit - As Evaluated	1.2
110.40	100%/80% of G 1		datada	Contractor's Profit - As Submitted	
165.60	12%/9%//%/6% of G.1		linted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	E S
				Direct Onit Cost (E.Z+F.Z) - As Evaluated	E G. Z
1,379.96				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
,				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
1,283.91				Sub-Total for F-1 As Submitted	
1,283.91	1,116.44	1.15	cu.m	a. Aggregate Subbase Course	į
				Materials	Ti -
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
ı				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
96,06				Direct Unit Cost (C.1 ÷D.1) - As Submitted	E.1
50.00				Output per Hour - As Evaluated	D.2
50 00				Output per Hour - As Submitted	D.1
4,602./6				Total (A.2+B.2) - As Evaluated	C
7 500 7				Total (A 1+B 1) - As Submitted	2
				Sub-Total for R-2 As Evaluated	
					B.2
1				Equipment	
4.631.50				Sub-Total for B-1 As Submitted	***************************************
612.50	2,450.00	0.25	1	c. Water Truck/Pump	
1,846.00	1,846.00	1.00	1	_	B
2,173.00	2,173.00	1.00	н	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	
1					
					A.2
171100				Labor	
171 26				Sub-Total for A-1 As Submitted	
					
90.31	45.16	1.00	2	D. Laborer	Α.1
80.95	80.95	1.00	1		:
				Labul	
Amount (mp.)	inouily ixage	in the state of th			
Amount (Dhn)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

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

Unit of Measurement .. 9,240.00 m

Output per hour-As Evaluated	Output per hour-As Submitted
••	uu s
£	72.00

Sub-Total for A-1 As Submitted
Submitted Evaluated Siffication Light Site State Submitted Evaluated
pacity No. of Units Submitted Evaluated Int site) kg binitted laneous (OCM) - As Submitted laneous (OCM) - As Evaluated laneous (OCM) - As Evaluated
pacity No. of Units Date of Units I I I I I I I I I I I I I
d Capacity No. of Units Capacity No. of Units I I I I I I I I I I I I I
d d Capacity No. of Units St) 1 1 1 1 1 1 1 1 1 I I I I
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No. of Units Itted kg kg
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No. of Units Unit
No. of Units
apacity No. of Units (t) 1 1 Submitted
apacity No. of Units
Topolit.
2
2
2
2
2 1,00
Designation No. of Person/s No. of Hour/s

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

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

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --9,240.00 m 10.00

,	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
1,828.40	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	
ı	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	1.2
87.07	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
116.09	10%/8% of G.1			Contractor's Profit - As Submitted	1.1
	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
174.13	12%/9%/7%/6% of G.1		nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
,			ST STATE OF STREET	Direct Unit Cost (E.2+F.2) - As Evaluated	
1,451.11				Direct Unit Cost (E.1+F.1) - As Submitted	6.1
1				Sub-Total for F-2 As Evaluated	
				- season and	F.2
10.00				Materials	
327,08			Ī	Sub-Total for F-1 As Submitted	
10.40	65,00	0.16	ò	Miscellaneous (2% of Materials)	
10.40	65,00	0.16	kg	e. Nall/Spike	
40.00	40.00	1.00	3	d. Good Lumber	
8.28	436.00	0.02	set	c. Coco Logs	
120,00	2,500.00	0.05	kg	b. Oxy/Acetylene	η
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
1,124.03				Direct Unit Cost (C.1 +D.1) - As Submitted	
				Output per Hour - As Evaluated	D.2
10.00				Output per Hour - As Submitted	_
				Total (A.2+B.2) - As Evaluated	_
11,240.26				Total (A.1+B.1) - As Submitted	CI
				Sub-Total for B-2 As Evaluated	
					B.2
				Equipment	
10,536,72				Sub-Total for B-1 As Submitted	
70.35				Minor Tools (10% of Labor Cost)	
22.73	45.45	0.50	1	e. Cutting Outfit	
539,00	539.00	1.00	1	d. Welding Machine	
2,659.44	2,659.44	1.00	1		;
4,118,00	4,118.00	1.00	1	_	₽
3.127.20	3.127.20	1.00	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	
si -1					A
					<u>-</u>
/03.54				I short	T
300 EA				Sub-Total for A-1 As Submitted	
270,94	45,16	1.00	6	c. Laborer	ri andi anni
351.65	58.61	1.00	6	b. Skilled Laborer	A.1
80 05	80.95	1.00	н	a. Construction Foreman	
				LARVE	
,				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	-

Prepared by:

JERALD R. BARRÈRA Engineer II

Checked/Reviewed

STANUM

ISIDRA A. ESTANISLAO

Engineer IV

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description • • Steel Sheets Test Piles, Furnished and Driven

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

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.Z
8,636.56	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	5.5
ž	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	J.2
411.26	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	J.1
3	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
548.35	10%/8% of G.1			Contractor's Profit - As Submitted	1.1
3	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
822.53	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
6,854.41				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
5,366.60				Materials	
				Sub-Total for E-1 As Submitted	
10,40	65.00	0.16	kg	e, Nail/Spike	
640,00	40.00	16.00	3	d. Good Lumber	
741.20	436.00	1.70	set	_	i
125.00	2,500.00	0.05	kg		Ξ.
3,850.00	3,850.00	1.00	3	a. Steel Sheet Pile	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
1,487.81				Direct Unit Cost (C.1 +D.1) - As Submitted	E1
3				_	D.2
2.40				Output per Hour - As Submitted	D.1
				Total (A.2+B.2) - As Evaluated	C.2
3.570.75				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					B,2
2,007.21				Equipment	T
0 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				Sub-Total for B-1 As Submitted	
3,64	43,43	0.00	-	Minor Tools (5% of Labor Cost)	
43.12	539.00	0.08		e. Cutting Outfit	
650,00	5,000.00	0.13		d. Weiding Machine	
321,50	1,260.00	0.43	- 1-		50,1
1,813.78	02.727,0	0.50	-	-	
	2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 50	-	a. Truck Mounted Crane	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	******
				can form to 12 5 V3 FABINGIER	T
				Sub-Total for A-2 Ac Evaluated	
					A.2
				Labor	~-~
703.54				Sub-Total for A-1 As Submitted	T
270.94	45.16	1.00	6	r. rannisi	
351.65	58.61	1.00	6		2.
80.95	80.95	1.00			>
				Labor	
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

Zamboanga del Norte
DETAILED UNIT PRICE ANALYSIS

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

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated ** ** ** 34,986.00 kg 180.00

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
68,44	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	<u></u>
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	J.2
3.26	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
4.35	10%/8% of G.1			Contractor's Profit - As Submitted	1.1
	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
6.52	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
,				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
54.32				Direct Unit Cost (E.1+F.1) - As Submitted	6.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
48.62				Sub-Total for F-1 As Submitted	
					7
47.25	45.00	1.05	kg	b. Reinforcing Steel Bar, Grade 40	7
1 37	65.00	0.00	ka	Materials a. Tie Wire	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
5.70				Direct Unit Cost (C.1 +D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
180.00				Output per Hour - As Submitted	D 1
1,026.72				Total (A.1+B.1) - As Submitted	2
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
467.30				Sub-Total for B-1 As Submitted	
181.80	1,212.00	0.15	1	c. cargo Iruck	
175.75	351.50	0.50		b. Bar Bender	
109.75	219.50	0.50	1	a. Bar Cutter	B 14
				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	
559,42				Sub-Total for A-1 As Submitted	
t					
	TJ.LO	1,00	0	r. randel	
117.22	58.61	1.00	2	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	

Prepared by:

JERALO R. BARRERA Engineer II

Checked/Reviewed

TSIDRA A. ESTANISLAO

Engineer IV

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

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

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

16,790.00 kg 180.00

	12%/9%/7%/6% of G.1 12%/99%/7%/6% of G.1 10%/8% of G.1 10%/8% of G.1		mitted	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 Contractor's Profit - As Evaluated Value Added Tax - As Submitted	F.2 G.1 G.2 H.1 G.2 H.2 G.2 H.2 G.2 H.2 G.2 H.2 G.2
				Sub-Total for F-1 As Submitted Materials	13 (6)
Amount (Php.)	Unit Cost 65.00 47.00	Quantity 0.02 1.05	Unit kg kg	Name and Specification Materials a. Tie Wire b. Reinforcing Steel Bar, Grade 40	
				Equipment Equipment Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Output per Hour - As Submitted Output per Hour - As Evaluated Direct Unit Cost (C.1 +D.1) - As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated	B.2 C.1 T.C.2 T.D.1 C.2 T.C.2
Amount (Php.)	Hourly Rate 219.50 351.50 1,212.00	No. of Hour/s 0.50 0.50 0.15	No. of Units 1 1 1	Name and Capacity Equipment a. Bar Cutter b. Bar Bender c. Cargo Truck Sub-Total for B-1 As Submitted	B 12
				Labor Sub-Total for A-2 As Evaluated	A.2
Amount (mp.)	80.95 80.95 58.61 45.16	1.00 1.00 1.00	1 2 8	Labor a. Construction Foreman b. Skilled Laborer c. Laborer Sub-Total for A-1 As Submitted	> 1

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description Structural Concrete, Class A

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1,478.00 cu.m 1.40

	(G.2+H2+T2+T1)			Total Unit Cost - As Evaluated	3
	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	J.2
	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	1.1
	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
	1.50 10 04 0/0/04017		rated	Contractor's Brofit - As Submitted	
	12%/9%/7%/6% of G.1		nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	5 5
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
				Sub-lotal for F-1 As Submitted	
	1,166.44	1.00	cu.m	f. Gravel	
	1,166.44	0.50	cu.m	e. Sand	
	281.98	9.50	bag	d. Cement	
	55.00	0.70	kg	c. Assorted CWN	
	850.00	0.40	pc	b. Marine Plywood	=
	40.00	17.50	bd.ft	a. Lumber, Good	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	E.2
1,317.28				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 Submitted	0.1
				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	1	c. Water Truck/Pump	
	91.25	1.00	1	b. Concrete Vibrator	
	172.00	1.00	L	a. One Bagger Mixer	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	
				Sub-Total for A-1 As Submitted	
	45.16	1.00	8	b. Laborer	
	58.61	1.00	4	a. Skilled Laborer	
				Installation/Removal of Formworks	
	45.16	1.00	8	c. Laborer	
	58.61	1.00	4	0	A.1
	80,95	1.00	т		
				Labor	
THOUSE (TE	Hoully Kate	יויטי טו ווטמון ט	iso, or relacily a		

Prepared by:

JERALD R. BARRERA Engineer II

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description Pipe Culvert & Storm Drain

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --13.00 ln.m 1.00

Prepared by:

JERALD R. BARRBRA
Engineer II

Checked/Revlewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

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

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1,446.00 cu.m 1.25

Note: Use Four (4) gangs

Prepared by:

JERALD R. BARRERA Engineer II

ISIDRA A. ESTANISLAO
Engineer IV

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description --Separation Geotextile

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1,578.00 sq.m 200.00

1	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
222,84	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	<u></u>
-	5% of (G,2+H2+I2)			Value Added Tax - As Evaluated	J.2
10.61	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	J.1
	10%/8% of G.1			Contractor's Profit - As Evaluated	I.2
14 15	10%/8% of G 1			Contractor's Profit - As Submitted	
- 27:72	2%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
71 77	00/100/170/160/ of G 1		mitted	Overhead Contingencies & Miscellangous (OCM) - As Sub-	H
1/6.86				Direct Unit Cost (E.1+F.1) - As Submitted	0.1
				Direct Init Cost /E 1+E 1) - As Submitted	2
				7	F.2
				Materials	1
168.00				Sub-Total for F-1 As Submitted	
					FJ
168.00	160.00	1.05	sq.m	a. Filter Cloth	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
8.86				Direct Unit Cost (C.1 +D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
200,00				Output per Hour - As Submitted	D.1
1,//1.42				Total (A.2+B.2) - As Evaluated	C2
				Sub-Total for B-2 As Evaluated	2
					0.2
					D J
7				Equipment	
1.212.00				Sub-Total for B-1 As Submitted	
					D. I
1.212.00	1.212.00	1.00	p	Equipment a. Cargo Truck/Delivery Truck	2
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
1 1					A.2
				Labor	E .
559.42				Sub-Total for A-1 As Submitted	
361,25	45.10	1,00	C	r. Extractic	
117.22	58.61	1.00	0 2	C Jahovas	F.W
80.95	80.95	1,00	ı	a. Construction Foreman	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

Fingineer II

Checked/Reviewed

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description .. Handlaid Rock Embankment

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

7,684.00 cu.m 3.13

Note: Use Six (6) gangs

<u> </u>		3 1	7.1	11.	1 7.	H.I	G.2	G.1		F.2	T		 	T.			***************************************	E.2	E.1	D.2	0	C 2	2	!	B.2	T		******	B.1			T	A.2			 	Α.1		. A free labour	-	
Total Unit Cost - As Submitted	Tatal Linit Cost As Evaluated	Value Added Tax As Submitted	Value Added Tax 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			a. boulders	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted		_	Total (A.2+B.2) - As Evaluated				Equipment	Sub-Total for B-1 As Submitted	Minor Tools (100), of Labor Costs		Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	r. Edizoloj			100 C C C C C C C C C C C C C C C C C C	Labor	Designation
					luated	mitted									cu.m		Unit														No. of Units					48	12	r			No. of Person/s
															1.05		Quantity														No. of Hour/s					1.00	1.00	1,00		\neg	No. of Hour/s
(G.2+H2+I2+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1									1,694.44		Unit Cost														Hourly Rate					45.16	58.61	80.95			Hourly Rate
2,262.20	1	107.72	,	143.63		215.45	T.	1,795.40			1,//9.16		1	4 .	1,779.16		Amount (Php.)	-	16.23		200.000	3,246,93				01,007	295,18	1			Amount (Php.)		, ,		2,951.76	2,167.50	703.31	80.95			Amount (Php.)

Prepared by:

JEBALD 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 Hauling Distance cu.m. 5.00 8.00 Flat to Rolling

Effective Working Hours ks. hrs.

Hauling Using 10.00 cu.m. capacity Dumptruck

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

1,534.00 kg/cu.m.

Maximum Volumeto be Carried per DT

11.57

cu.m.

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

Speed when unloaded Speed when loaded 30.00 Ŝ

40.00 핡

5.00

Unloaded Running Loaded Running 11 5.00 40.00 × 30.00 60.00 60.00 ij 7.5 0 mins.

11

mins.

Loading & Unloading 5.00 mins.

Capacity of Dumptruck Total Cycle Time il il li 22.5010.00 mins. cu.m.

No. of trips for Dumptruck per day H 8.00 × 22.50 60,00 I 21,33 gitt

Dumptruck Daily Outpout Using 4 Dumptruck 11 11 10.00 213.33 $\times \times$ 21.33 4.00 II II 213.33 853.33 .m.n3

No. of Days for Dumptruck II 853,33 ,000.00 11 days

EQUIPMENT USED: (2009 ACEL RATES)

Labor Equipment Grand Total **Unit Cost** Estimated Quantity Unit Dumptruck О ס ס ון סד 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 11 ~ | ~ **50,700.00**

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

Equipment

T

	Cast of Embankment, Common Borrow 10.00 X				Cost of Item 200 Materalls 46.00 X			Hauling Distance
,	10.14	10.14	10.14	10.14	10.14	10.14	10,14	Unit Cost per cu.m/km
	11	11	11	H	11	11	11	,
	101.40	466,44	466.44	466,44	466,44	466.44	466,44	Hauling Cost per km.
۲	+	+	+	÷	+	+	+	
	340.00	1,228.00	700.00	625.00	650.00	700.00	700.00	Unit Price
l	11	tì	11	H	11	IJ	11	
	441.40	1,694.44	1,166.44	1,091.44	1,116.44	1,166.44	1,166.44	Unit cost per

UNIT COST DERIVATION FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

TANKS TO THE TANKS THE TAN	THE CONTRACTOR OF THE CONTRACT
19,326,94	TOTAL
Commence of the Commence of th	
	THE PROPERTY AND ADMINISTRATIVE ADMINISTRATIVE AND ADMINISTRATIVE ADMINISTRATIVE AND ADMINISTRATIVE
A PRINCIPAL DE LA CASA DEL CASA DE LA CASA DE LA CASA DE LA CASA DE LA CASA DE LA CASA D	- COLOR
THE STATE OF THE S	
1,656.90	Separation Geotextile
3,615,00	Grouted Riprap, Class "A"
۲	Reinforced Concrete Culverts Pipe, 610 mm dia
14,04	Pipe Culvert & Storm Drain
1	Lean Concrete for RCBC
14,041.00	Structural Concrete, Class A
1	Portland Cement Concrete Pavement
ı	Portland Cement Concrete Pavement
Quantity (Bags)	Description

Quantify 11 19,326.94 Bags

Delivery Charge 11 v 0.12 /bag/km

31.00	PROJECT SITE
	Zamboanga del Norte1st DEO
HAULING DISTANCE	SITE
111000000000000000000000000000000000000	

* Average Hauling Distance from source to assumed stockpilling area: say 51.00 km.

Delivery Charge Delivery Charge 11 11 ס ס 0.12 6.12 /bag × 51.00

* Delivery Truck 20,000.00 500.00 19,326.94 bags (hauling works) bags, (capacity per haul) 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

Loaded Running 51,00 30.00 60.00 11 10 20 mins.

11 51.00 60.00 mins,

Loading & Unloading Capacity of Dumptruck Unloading Running 1 1 45.00 8.00 40.00 mins. 76.5

Total Cycle Time 500.00 223.50 mins. bags cu.m.

No. of trips for Dumptruck per =
$$\frac{8.00 \times 60.00}{223.50}$$
 = 2.15 trips

Dumptruck Daily Outpout =
$$500.00 \times 2.15 = 1.073.83 \text{ cu.m.}$$

Using 4 Dumptruck = $1.073.83 \times 4.00 = 4.295.30 \text{ cu.m.}$

No. of Days for Dumptruck =
$$\frac{19,326.94}{4,295.30}$$
 = 4.50 days

No. of Days for Labor for _ complimentary to _ unloading _ D.Truck days = 4.50 days

LABOR:

Estimated Quantity - -19,326.94 Bags

Materials	Labor	Delivery Cost	Grand Total	Unit Cost
-0	טר	סד	70	70
5,314,908.50	16,560.16	118,280.87	5,449,749.53	281.98