

**PROGRAM OF WORK/BUDGET COST**

For modification 46

FORM POW-2015-01-00

Project : Construction of By-Pass and Diversion Roads - Labangan-Pagadian City-Dumaliniao By-Pass Road, Package 2, Zamboanga del Sur

Net Length : (a) Road 2,180.00 In.m 4.36 lane km

(b) Bridge	-	ln.m
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(c) Others	-	ln.m	(Approaches)
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Project ID : \_\_\_\_\_

Target Start Date :

Location : Zamboanga del Sur

Total Project Duration : 322 Calendar Days

Station Limits : 1666+120.00 to 1668+300.00

No. of Pre-determined	:	65	Calendar Days
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Source of Funds : CY-2019

Unworkable Days	:	33	Calendar Days
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[illegible]

**EQUIPMENT:**

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

**BREAKDOWN OF EXPENDITURES:**

	AS SUBMITTED	AS EVALUATED
1. Labor	1,636,845.11	
2. Materials	31,981,388.24	
3. Rental of Equipment	13,876,431.94	
4. Provisional Sum/Daywork	-	
5. OCM and Profit	9,312,324.79	
6. Value Added Tax	2,840,349.50	
7. EAO, 3.5%	2,087,656.89	
8. RROW Acquisition	5,000,000.00	
9. Physical Reserved (Contingency)	265,003.54	
<b>10. TOTAL ESTIMATED COST</b>	<b>67,000,000.00</b>	

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	47,494,665.29	
B. OCM and Profit	9,312,324.79	
C. Value Added Tax	2,840,349.50	
D. Total Construction Cost	59,647,339.58	
E. Eng'g. & Administrative Overhead	2,087,656.89	
F. RROW Acquisition	5,000,000.00	
G. Physical Reserved (Contingency)	265,003.54	
<b>H. TOTAL ESTIMATED COST</b>	<b>67,000,000.00</b>	

**Preparation and Submission:**

Prepared by:

Checked/Submitted by:

**Evaluation:**

Reviewed by:

**Approval:**

Recommending Approval

Approved:

~~ERIC VINCENT T. RUIZ~~

Engineer II

Planning and Design Division

ISIDRA A. ESTANISLAO

Engineer IV

Maintenance Division

**SATURNINO C. TORREFRANCA**

District Engineer

Planning &amp; Design Division

KHADAFFY B. TANGGOL

Assistant Regional Director

CAYAMOMBAO D. DIA. CESO IV

Regional Director



**Construction of By-Pass and Diversion Roads - Labangan-Pagadian City-Dumalinao By-Pass Road, Package 2, Zamboanga del Sur**  
Zamboanga del Sur

FORM POW-2015-01A-00

**ITEMIZED BREAKDOWN**

ITEM NO.	DESCRIPTION	QUANTITY		UNIT	DIRECT COST				TOTAL UNIT COST		% DIRECT COST
		AS SUBMITTED	AS EVALUATED		TOTAL		UNIT COST		TOTAL		
					AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	
PART A	Facilities for the Engineers										
A.1.1(3)	Construction of Field Office for the Engineer	1.00		L.S.	365,255.86		365,255.86		460,222.38		0.77%
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field Engineer	1.00		L.S.	287,823.33		287,823.33		326,391.66		0.61%
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	6.63		month	382,221.05		57,621.26		60,502.33		0.80%
	TOTAL OF PART A				1,035,300.24						2.18%
PART B	Other General Requirements										
B.4(1)	Construction Survey & Staking	2.18		km.	96,805.05		44,405.99		55,951.54		0.20%
B.5	Project Billboard/Signboard	4.00		each	18,347.38		4,586.85		5,779.42		0.04%
B.7	Occupation Safety & Health	6.63		month	255,010.52		38,443.80		43,595.27		0.54%
B.9	Mobilization & Demobilization	1.00		L.S.	225,120.00		225,120.00		236,376.00		0.47%
	TOTAL OF PART B				595,282.95						1.25%
PART C	Earthworks										
101(2)	Removal of Structure/Obstructions	14.00		cu.m.	23,098.81		1,649.92		2,078.89		0.05%
102(2)	Surplus Common Excavation	43,105.50		cu.m.	6,168,618.32		143.11		180.31		12.99%
103(1)a	Structure Excavation	1,128.00		cu.m.	261,188.84		231.55		291.75		0.55%
103(3)	Foundation Fill	78.50		cu.m.	100,759.95		1,283.57		1,617.29		0.21%
103(6)a	Pipe Culverts and Drain Excavation	161.50		cu.m.	37,395.39		231.55		291.75		0.08%
104(1)a	Embankment from Roadway Excavation	8,393.50		cu.m.	1,941,609.16		231.32		291.47		4.09%
105(1)a	Subgrade Preparation	17,247.00		cu.m.	276,772.96		16.05		20.22		0.58%
	TOTAL OF PART C				8,809,443.44						18.55%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	8,260.50		cu.m.	6,495,112.20		786.29		990.72		13.68%
	TOTAL OF PART D				6,495,112.20						13.68%

ITEM NO.	DESCRIPTION	QUANTITY		UNIT	DIRECT COST				TOTAL UNIT COST		% DIRECT COST
					TOTAL		UNIT COST		TOTAL		
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATED
PART E	Surface Courses										
300(1)	Gravel Surface Course	348.00		cu.m.	333,657.39		958.79		1,208.07		0.70%
311(1)a	Portland Cement Concrete Pavement	4,591.50		sq.m.	3,411,222.41		742.94		936.11		7.18%
311(1)e1	Portland Cement Concrete Pavement	15,566.50		sq.m.	21,004,235.30		1,349.32		1,700.15		44.22%
	TOTAL OF PART E				24,749,115.10						52.11%
PART G	Drainage and Slope Protection Structures										
404(1)a	Reinforcing Steel, Grade 40	22,817.00		kg.	1,131,505.80		49.59		62.48		2.38%
405(1)a3	Structural Concrete, Class "A"	564.00		cu.m.	3,527,656.59		6,254.71		7,880.93		7.43%
500(1)b3	Pipe Culverts	97.00		ln.m.	275,927.63		2,844.61		3,584.21		0.58%
505(2)a	Grouted Riprap, Class "A"	32.50		cu.m.	105,028.68		3,231.65		4,071.88		0.22%
506(1)	Stone Masonry	81.00		cu.m.	314,927.66		3,888.00		4,898.87		0.66%
	TOTAL OF PART G				5,355,046.36						11.28%
PART H	Miscellaneous Structure										
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	516.00		sq.m.	382,664.72		741.60		934.41		0.81%
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	89.00		sq.m.	72,700.28		816.86		1,029.24		0.15%
	TOTAL OF PART H				455,365.00						0.96%
	GRAND TOTAL				47,494,665.29						100.00%





Construction of By-Pass and Diversion Roads - Labai Pagadian City-Dumalinao By-Pass Road, Package 2, Zamboanga del Sur  
Zamboanga del Sur

FORM POW-2015-01B-00

MINIMUM EQUIPMENT REQUIREMENT

No.	Equipment Description	Capacity	Number of Equipment	No.	Equipment Description	Capacity	Number of Equipment
1	Dumptruck (10 Wheeler)	12 cu. Yd	5	26			
2	Bulldozer		1	27			
3	Backhoe	0.83 cu.m/1.04 cu. Yd	2	28			
4	Road Grader		1	29			
5	Road Roller	10 mt	1	30			
6	Payloader	1.50 cu.m/1.95 cu.yd	2	31			
7	Water Truck/Pump	16000L	1	32			
8	Water Truck		1	33			
9	Transit Mixer	5-6 cu. Yd	4	34			
10	Concrete Screeder		1	35			
11	Concrete Vibrator		2	36			
12	Concrete Cutter		1	37			
13	Bar Cutter		1	38			
14	Bar Bender		1	39			
15	One Bagger Mixer	4-6 cu.ft/min	2	40			
16	Plate Compactor		1	41			
17	Concrete Batching Plant		1	42			
18	Cargo Truck	2 - 5 mt	1	43			
19	Cargo Truck	9 - 10 mt	1	44			
20	Applicator Machine		1	45			
21	Kneading Machine		1	46			
22	Jack Hammer		2	47			
				48			
				49			
				50			
	<b>SUB-TOTAL</b>		34		<b>SUB-TOTAL</b>		0
<b>TOTAL</b>							34



REGIONAL OFFICE IX  
Construction of By-Pass and Diversion Roads - Labangan-Pagadian City-Dumaliniao By-Pass Road, Package 2, Zamboanga del Sur  
Zamboanga del Sur

9167067600

FORM POW-2015-01C-00

ITEMIZED BREAKDOWN

ITEMIZED BREAKDOWN													
ITEM NO.	DESCRIPTION		DETAILED BREAKDOWN OF COMPONENT COST FOR EACH ITEM										
			%	QTY	UNIT	DIRECT COST				TOTAL MARK-UP		5% VAT	TOTAL COST
						MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE		
PART A	Facilities for the Engineers												
A.1.1(3)	Construction of Field Office for the Engineer	AS EVALUATED											
		AS SUBMITTED	0.77%	1.00	L.S.	284,606.02	47,994.40	32,655.44	365,255.86	20.00%	73,051.17	21,915.35	460,222.38
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field Engineer	AS EVALUATED											
		AS SUBMITTED	0.61%	1.00	L.S.	287,823.33	-	-	287,823.33	8.00%	23,025.87	15,542.46	326,391.66
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	AS EVALUATED											
		AS SUBMITTED	0.80%	6.63	month	282,830.50	99,390.55	-	382,221.05	0.00%	-	19,111.05	401,332.10
	TOTAL OF PART A	AS EVALUATED											
		AS SUBMITTED	2.18%			855,259.85	147,384.95	32,655.44	1,035,300.24		96,077.04	56,568.86	1,187,946.15
PART B	Other General Requirements												
B.4(1)	Construction Survey & Staking	AS EVALUATED											
		AS SUBMITTED	0.20%	2.18	km.	24,034.50	61,200.50	11,570.05	96,805.05	20.00%	19,361.01	5,808.30	121,974.37
B.5	Project Billboard/Signboard	AS EVALUATED											
		AS SUBMITTED	0.04%	4.00	each	14,424.00	3,923.38	-	18,347.38	20.00%	3,669.48	1,100.84	23,117.70
B.7	Occupation Safety & Health	AS EVALUATED											
		AS SUBMITTED	0.54%	6.63	month	26,760.00	168,250.52	60,000.00	255,010.52	8.00%	20,400.84	13,770.57	289,181.93
B.9	Mobilization & Demobilization	AS EVALUATED											
		AS SUBMITTED	0.47%	1.00	L.S.	-	-	225,120.00	225,120.00	0.00%	-	11,256.00	236,376.00
	TOTAL OF PART B	AS EVALUATED											
		AS SUBMITTED	1.25%			65,218.50	233,374.40	296,690.05	595,282.95		43,431.33	31,935.71	670,649.99
PART C	Earthworks												
101(2)	Removal of Structure/Obstructions	AS EVALUATED											
		AS SUBMITTED	0.05%	14.00	cu.m.	-	5,654.81	17,444.00	23,098.81	20.00%	4,619.76	1,385.93	29,104.50
102(2)	Surplus Common Excavation	AS EVALUATED											
		AS SUBMITTED	12.99%	43,105.50	cu.m.	-	131,313.72	6,037,304.60	6,168,618.32	20.00%	1,233,723.66	370,117.10	7,772,459.09
103(1)a	Structure Excavation	AS EVALUATED											
		AS SUBMITTED	0.55%	1,128.00	cu.m.	-	13,023.68	248,165.17	261,188.84	20.00%	52,237.77	15,671.33	329,097.94
103(3)	Foundation Fill	AS EVALUATED											
		AS SUBMITTED	0.21%	78.50	cu.m.	72,220.00	17,524.50	11,015.45	100,759.95	20.00%	20,151.99	6,045.60	126,957.53
103(6)a	Pipe Culverts and Drain Excavation	AS EVALUATED											
		AS SUBMITTED	0.08%	161.50	cu.m.	-	1,864.65	35,530.74	37,395.39	20.00%	7,479.08	2,243.72	47,118.19
104(1)a	Embankment from Roadway Excavation	AS EVALUATED											
		AS SUBMITTED	4.09%	8,393.50	cu.m.	-	56,150.40	1,885,458.76	1,941,609.16	20.00%	388,321.83	116,496.55	2,446,427.55
105(1)a	Subgrade Preparation	AS EVALUATED											
		AS SUBMITTED	0.58%	17,247.00	cu.m.	-	10,508.02	266,264.94	276,772.96	20.00%	55,354.59	16,606.38	348,733.93
	TOTAL OF PART C	AS EVALUATED											
		AS SUBMITTED	18.55%			72,220.00	236,039.78	8,501,183.66	8,809,443.44		1,761,888.69	528,566.61	11,099,898.73
PART D	Subbase and Base Course												
200(1)	Aggregate Subbase Course	AS EVALUATED											
		AS SUBMITTED	13.68%	8,260.50	cu.m.	5,699,745.00	30,197.08	765,170.12	6,495,112.20	20.00%	1,299,022.44	389,706.73	8,183,841.37
	TOTAL OF PART D	AS EVALUATED											
		AS SUBMITTED	13.68%			5,699,745.00	30,197.08	765,170.12	6,495,112.20		1,299,022.44	389,706.73	8,183,841.37

ITEM NO.	DESCRIPTION		DETAILED BREAKDOWN OF COMPONENT COST FOR EACH ITEM										
			%	QTY	UNIT	DIRECT COST				TOTAL MARK-UP		5% VAT	TOTAL COST
						MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE		
PART E	Surface Courses												
300(1)	Gravel Surface Course	AS EVALUATED											
		AS SUBMITTED	0.70%	348.00	cu.m.	300,150.00	1,272.15	32,235.24	333,657.39	20.00%	66,731.48	20,019.44	420,408.31
311(1)a	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	7.18%	4,591.50	sq.m.	2,856,966.98	39,094.59	515,160.84	3,411,222.41	20.00%	682,244.48	204,673.34	4,298,140.24
311(1)e1	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	44.22%	15,566.50	sq.m.	17,496,719.54	247,403.80	3,260,111.96	21,004,235.30	20.00%	4,200,847.06	1,260,254.12	26,465,336.47
	TOTAL OF PART E	AS EVALUATED											
		AS SUBMITTED	52.11%			20,653,836.52	287,770.54	3,807,508.04	24,749,115.10		4,949,823.02	1,484,946.91	31,183,885.02
PART G	Drainage and Slope Protection Structures												
404(1)a	Reinforcing Steel, Grade 40	AS EVALUATED											
		AS SUBMITTED	2.38%	22,817.00	kg.	996,646.56	75,607.93	59,251.31	1,131,505.80	20.00%	226,301.16	67,890.35	1,425,697.31
405(1)a3	Structural Concrete, Class "A"	AS EVALUATED											
		AS SUBMITTED	7.43%	564.00	cu.m.	2,675,052.00	546,329.68	306,274.91	3,527,656.59	20.00%	705,531.32	211,659.40	4,444,847.30
500(1)b3	Pipe Culverts	AS EVALUATED											
		AS SUBMITTED	0.58%	97.00	ln.m.	204,666.12	22,332.46	48,929.05	275,927.63	20.00%	55,185.53	16,555.66	347,668.81
505(2)a	Grouted Riprap, Class "A"	AS EVALUATED											
		AS SUBMITTED	0.22%	32.50	cu.m.	80,312.93	15,507.96	9,207.80	105,028.68	20.00%	21,005.74	6,301.72	132,336.14
506(1)	Stone Masonry	AS EVALUATED											
		AS SUBMITTED	0.66%	81.00	cu.m.	262,135.60	30,195.79	22,596.27	314,927.66	20.00%	62,985.53	18,895.66	396,808.85
	TOTAL OF PART G	AS EVALUATED											
		AS SUBMITTED	11.28%			4,218,813.21	689,973.82	446,259.33	5,355,046.36		1,071,009.27	321,302.78	6,747,358.42
PART H	Miscellaneous Structure												
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED											
		AS SUBMITTED	0.81%	516.00	sq.m.	349,342.35	10,323.87	22,998.51	382,664.72	20.00%	76,532.94	22,959.88	482,157.55
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS EVALUATED											
		AS SUBMITTED	0.15%	89.00	sq.m.	66,952.81	1,780.67	3,966.80	72,700.28	20.00%	14,540.06	4,362.02	91,602.35
	TOTAL OF PART H	AS EVALUATED											
		AS SUBMITTED	0.96%			416,295.16	12,104.54	26,965.30	455,365.00		91,073.00	27,321.90	573,759.90
	GRAND TOTAL	AS EVALUATED											
		AS SUBMITTED	100.00%			31,981,388.24	1,636,845.11	13,876,431.94	47,494,665.29		9,312,324.79	2,840,349.50	59,647,339.58





DPWH REGIONAL OFFICE IX

Construction of By-Pass and Diversion Roads - Labangan-Pagadian City-Dumaliniao By-Pass Road, Package 2, Zamboanga del Sur  
Zamboanga del Sur

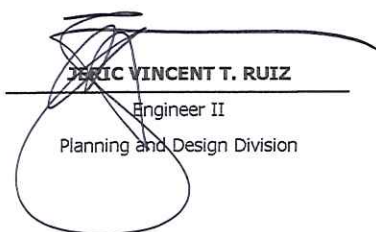
SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

FORM POW-2015-02-00

DESCRIPTION OF WORKS TO BE DONE			ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST
				%	TOTAL DIRECT COST			
PART A	Facilities for the Engineers	AS EVALUATED						
		AS SUBMITTED	1,035,300.24		96,077.04	56,568.86	152,645.90	1,187,946.15
PART B	Other General Requirements	AS EVALUATED						
		AS SUBMITTED	595,282.95		43,431.33	31,935.71	75,367.04	670,649.99
PART C	Earthworks	AS EVALUATED						
		AS SUBMITTED	8,809,443.44		1,761,888.69	528,566.61	2,290,455.29	11,099,898.73
PART D	Subbase and Base Courses	AS EVALUATED						
		AS SUBMITTED	6,495,112.20		1,299,022.44	389,706.73	1,688,729.17	8,183,841.37
PART E	Surface Courses	AS EVALUATED						
		AS SUBMITTED	24,749,115.10		4,949,823.02	1,484,946.91	6,434,769.92	31,183,885.02
PART F	Bridge Construction	AS EVALUATED						
		AS SUBMITTED	-		-	-	-	-
PART G	Drainage and Slope Protection Structures	AS EVALUATED						
		AS SUBMITTED	5,355,046.36		1,071,009.27	321,302.78	1,392,312.05	6,747,358.42
PART H	Miscellaneous Structure	AS EVALUATED						
		AS SUBMITTED	455,365.00		91,073.00	27,321.90	118,394.90	573,759.90
TOTAL		AS EVALUATED						
		AS SUBMITTED	47,494,665.29		9,312,324.79	2,840,349.50	12,152,674.29	59,647,339.58

Preparation and Submission:

Prepared by:

  
JERIC VINCENT T. RUIZ  
Engineer II  
Planning and Design Division

Checked/Submitted by:

  
ISIDRA A. ESTANISLAO  
Engineer IV  
Maintenance Division

Evaluation:

Reviewed by:

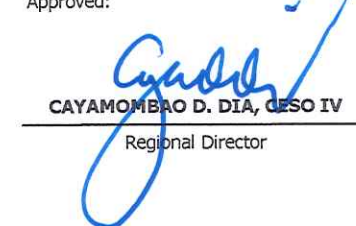
  
SATURNINO C. TORREFRANCA  
District Engineer  
Planning & Design Division

Approval:

Recommending Approval

  
KHADAFFY D. TANGGOL  
Assistant Regional Director

Approved:

  
CAYAMOMBAO D. DIA, CESO IV  
Regional Director



REGIONAL OFFICE IX  
Construction of By-Pass and Diversion Roads - Labangan-Pagadian City-Dumaliniao By-Pass Road, Package 2, Zamboanga del Sur  
Zamboanga del Sur

FORM POW-2015-02A-00


ITEM NO.	DESCRIPTION	QTY	UNIT	ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					%	VALUE				
<b>PART A</b>	<b>Facilities for the Engineers</b>									
A.1.1(3)	Construction of Field Office for the Engineer	AS EVALUATED								
		AS SUBMITTED	1.00	L.S.	365,255.86	20.00%	73,051.17	21,915.35	94,966.52	460,222.38
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field Engineer	AS EVALUATED								
		AS SUBMITTED	1.00	L.S.	287,823.33	8.00%	23,025.87	15,542.46	38,568.33	326,391.66
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	AS EVALUATED								
		AS SUBMITTED	6.63	month	382,221.05	0.00%	-	19,111.05	19,111.05	401,332.10
	TOTAL OF PART A	AS EVALUATED								
		AS SUBMITTED			1,035,300.24		96,077.04	56,568.86	152,645.90	1,187,946.15
<b>PART B</b>	<b>Other General Requirements</b>									
B.4(1)	Construction Survey & Staking	AS EVALUATED								
		AS SUBMITTED	2.18	km.	96,805.05	20.00%	19,361.01	5,808.30	25,169.31	121,974.37
B.5	Project Billboard/Signboard	AS EVALUATED								
		AS SUBMITTED	4.00	each	18,347.38	20.00%	3,669.48	1,100.84	4,770.32	23,117.70
B.7	Occupation Safety & Health	AS EVALUATED								
		AS SUBMITTED	6.63	month	255,010.52	8.00%	20,400.84	13,770.57	34,171.41	289,181.93
B.9	Mobilization & Demobilization	AS EVALUATED								
		AS SUBMITTED	1.00	L.S.	225,120.00	0.00%	-	11,256.00	11,256.00	236,376.00
	TOTAL OF PART B	AS EVALUATED								
		AS SUBMITTED			595,282.95		43,431.33	31,935.71	75,367.04	670,649.99
<b>PART C</b>	<b>Earthworks</b>									
101(2)	Removal of Structure/Obstructions	AS EVALUATED								
		AS SUBMITTED	14.00	cu.m.	23,098.81	20.00%	4,619.76	1,385.93	6,005.69	29,104.50
102(2)	Surplus Common Excavation	AS EVALUATED								
		AS SUBMITTED	43,105.50	cu.m.	6,168,618.32	20.00%	1,233,723.66	370,117.10	1,603,840.76	7,772,459.09
103(1)a	Structure Excavation	AS EVALUATED								
		AS SUBMITTED	1,128.00	cu.m.	261,188.84	20.00%	52,237.77	15,671.33	67,909.10	329,097.94
103(3)	Foundation Fill	AS EVALUATED								
		AS SUBMITTED	78.50	cu.m.	100,759.95	20.00%	20,151.99	6,045.60	26,197.59	126,957.53
103(6)a	Pipe Culverts and Drain Excavation	AS EVALUATED								
		AS SUBMITTED	161.50	cu.m.	37,395.39	20.00%	7,479.08	2,243.72	9,722.80	47,118.19
104(1)a	Embankment from Roadway Excavation	AS EVALUATED								
		AS SUBMITTED	8,393.50	cu.m.	1,941,609.16	20.00%	388,321.83	116,496.55	504,818.38	2,446,427.55
105(1)a	Subgrade Preparation	AS EVALUATED								
		AS SUBMITTED	17,247.00	cu.m.	276,772.96	20.00%	55,354.59	16,606.38	71,960.97	348,733.93
	TOTAL OF PART C	AS EVALUATED								
		AS SUBMITTED			8,809,443.44		1,761,888.69	528,566.61	2,290,455.29	11,099,898.73



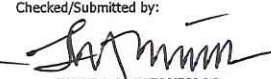
ITEM NO.	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
<b>PART D</b>	<b>Subbase and Base Course</b>										
200(1)	Aggregate Subbase Course	AS EVALUATED									
		AS SUBMITTED	8,260.50	cu.m.	6,495,112.20	20.00%	1,299,022.44	389,706.73	1,688,729.17	8,183,841.37	990.72
	<b>TOTAL OF PART D</b>	AS EVALUATED									
		AS SUBMITTED			6,495,112.20		1,299,022.44	389,706.73	1,688,729.17	8,183,841.37	
<b>PART E</b>	<b>Surface Courses</b>										
300(1)	Gravel Surface Course	AS EVALUATED									
		AS SUBMITTED	348.00	cu.m.	333,657.39	20.00%	66,731.48	20,019.44	86,750.92	420,408.31	1,208.07
311(1)a	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	4,591.50	sq.m.	3,411,222.41	20.00%	682,244.48	204,673.34	886,917.83	4,298,140.24	936.11
311(1)e1	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	15,566.50	sq.m.	21,004,235.30	20.00%	4,200,847.06	1,260,254.12	5,461,101.18	26,465,336.47	1,700.15
	<b>TOTAL OF PART E</b>	AS EVALUATED									
		AS SUBMITTED			24,749,115.10		4,949,823.02	1,484,946.91	6,434,769.92	31,183,885.02	
<b>PART G</b>	<b>Drainage and Slope Protection Structures</b>										
404(1)a	Reinforcing Steel, Grade 40	AS EVALUATED									
		AS SUBMITTED	22,817.00	kg.	1,131,505.80	20.00%	226,301.16	67,890.35	294,191.51	1,425,697.31	62.48
405(1)a3	Structural Concrete, Class "A"	AS EVALUATED									
		AS SUBMITTED	564.00	cu.m.	3,527,656.59	20.00%	705,531.32	211,659.40	917,190.71	4,444,847.30	7,880.93
500(1)b3	Pipe Culverts	AS EVALUATED									
		AS SUBMITTED	97.00	ln.m.	275,927.63	20.00%	55,185.53	16,555.66	71,741.18	347,668.81	3,584.21
505(2)a	Grouted Riprap, Class "A"	AS EVALUATED									
		AS SUBMITTED	32.50	cu.m.	105,028.68	20.00%	21,005.74	6,301.72	27,307.46	132,336.14	4,071.88
506(1)	Stone Masonry	AS EVALUATED									
		AS SUBMITTED	81.00	cu.m.	314,927.66	20.00%	62,985.53	18,895.66	81,881.19	396,808.85	4,898.87
	<b>TOTAL OF PART G</b>	AS EVALUATED									
		AS SUBMITTED			5,355,046.36		1,071,009.27	321,302.78	1,392,312.05	6,747,358.42	
<b>PART H</b>	<b>Miscellaneous Structure</b>										
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED									
		AS SUBMITTED	516.00	sq.m.	382,664.72	20.00%	76,532.94	22,959.88	99,492.83	482,157.55	934.41
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS EVALUATED									
		AS SUBMITTED	89.00	sq.m.	72,700.28	20.00%	14,540.06	4,362.02	18,902.07	91,602.35	1,029.24
	<b>TOTAL OF PART H</b>	AS EVALUATED									
		AS SUBMITTED			455,365.00		91,073.00	27,321.90	118,394.90	573,759.90	
	<b>GRAND TOTAL</b>	AS EVALUATED									
		AS SUBMITTED			47,494,665.29		9,312,324.79	2,840,349.50	12,152,674.29	59,647,339.58	

**Preparation and Submission:**

Prepared by:


  
**JERIC VINCENT T. RUIZ**  
 Engineer II  
 Planning and Design Division

Checked/Submitted by:

  
**ISIDRA A. ESTANISLAO**  
 Engineer IV  
 Maintenance Division

**Evaluation:**

Reviewed by:

  
**SATURNINO C. TORREBRANCA**  
 District Engineer  
 Planning & Design Division

Item No./Description

: A.1.1(3)

Construction of Field Office for the Engineer

Unit of Measurement

: 1.00 L.S.

Output per hour-As Submitted

: 1.00

Output per hour-As Evaluated

:

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>Labor</b>				
a. Construction Foreman	1	64	86.51	5,536.48
<b>A.1</b>				
b. Masons	3	64	62.43	11,986.80
c. Carpenters	3	64	62.43	11,986.80
d. Laborers	6	64	48.14	18,484.32
Sub-Total for A-1 As Submitted				47,994.40
<b>Labor</b>				
<b>A.2</b>				
Sub-Total for A-2 As Evaluated				
<b>Name and Capacity</b>	<b>No. of Units</b>	<b>No. of Hour/s</b>	<b>Hourly Rate</b>	<b>Amount (Php.)</b>
<b>Equipment</b>				
<b>B.1</b>				
a. One Bagger Mixer	1	48	172.00	8,256.00
b. Water Truck	1	8	2,450.00	19,600.00
Minor Tools 10% of Labor Cost				4,799.44
Sub-Total for B-1 As Submitted				32,655.44
<b>Equipment</b>				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				80,649.84
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				
<b>D.1</b>				
Output per Hour - As Submitted				1.00
<b>D.2</b>				
Output per Hour - As Evaluated				
<b>E.1</b>				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				80,649.84
<b>E.2</b>				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
<b>Name and Specification</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Amount (Php.)</b>
<b>Materials</b>				
<b>I Earthworks (Excavation, Embankment &amp; Bedding)</b>				
a. Gravel Bedding	cu.m.	3.50	750.00	2,625.00
b. Selected Fill	cu.m.	10.00	285.00	2,850.00
c. Soil Poisoning	L	2.50	975.00	2,437.50
<b>II Concrete Works (Footings, Columns, Beams, &amp; Slab on Grade)</b>				
a. Portland Cement	bag	90.00	272.00	24,480.00
b. Crushed Gravel	cu.m.	21.00	750.00	15,750.00
c. Washed Sand	cu.m.	18.00	800.00	14,400.00
<b>III Reinforcing Bars (Footings, Columns, Beams, &amp; Slab on Grade)</b>				
a. Deformed Round Bar, Grade 40	kg.	435.00	40.00	17,400.00
b. No. 16 G.I. Tie Wire	kg.	20.00	80.00	1,600.00
<b>IV Formworks (Columns &amp; Beams)</b>				
a. Coco Lumber	bd.ft.	400.00	13.00	5,200.00
b. Ordinary Plywood, 1/4" x 4' x 8'	pc.	18.00	358.00	6,444.00
c. CWN Assorted	kg.	5.00	65.00	325.00
<b>V Masonry Works (Masonry Wall &amp; Plastering)</b>				
a. CHB 6" thk.	pc.	650.00	16.00	10,400.00
b. Portland Cement	bag	45.00	272.00	12,240.00
c. Washed Sand	cu.m.	8.00	800.00	6,400.00
d. 10 mm x 6 m. RSB	kg.	65.00	40.00	2,600.00
e. No. 16 G.I. Tie Wire	kg.	2.50	80.00	200.00
<b>VI Doors and Windows</b>				
a. D-1, Hollow Core Flush Type Swing Door,	set	2.00	1,765.26	3,530.52
Complete with Accessories, 0.90 m. x 2.10 m.				
b. W-1, Jalousie Window, 1.40 m. x 1.20 m.	set	2.00	924.00	1,848.00
c. W-2, Jalousie Window, 2.80 m. x 1.20 m.	set	2.00	1,848.00	3,696.00

<b>VII Steel Works</b>						
a.	65 mm. x 65 mm. x 6 mm. Angle bar	kg.	350.00	48.00	16,800.00	
b.	50 mm. x 50 mm. x 6 mm. Angle Bar	kg.	250.00	48.00	12,000.00	
c.	50 mm. x 50 mm. x 4 mm. Angle Bar	kg.	100.00	48.00	4,800.00	
d.	Purlins C- 150 x 50 x 3mm.	kg.	18.00	48.00	864.00	
e.	16mm dia. Cross bracing	kg.	35.00	38.00	1,330.00	
f.	16mm dia. Turn buckle	pc.	20.00	118.00	2,360.00	
g.	12mm thk base plate	kg.	25.00	47.00	1,175.00	
h.	10mm thk batten plate	kg.	15.00	47.00	705.00	
i.	10mm dia. Sag rod	kg.	10.00	38.00	380.00	
j.	20mm dia. X 350 mm anchor bolts	pc.	10.00	36.00	360.00	
k.	Welding Rod	kg.	15.00	163.00	2,445.00	
l.	Primer, Zinc Chromate	gal.	5.00	531.00	2,655.00	
<b>VIII Roofing Works</b>						
a.	Pre-painted GI Roofing Sheet long span	sq.m.	55.00	420.00	23,100.00	
b.	Pre-painted ridge roll ga 24, 0.60m width	ln.m.	10.00	189.00	1,890.00	
c.	Pre-painted flashing, ga. 24	ln.m.	2.00	189.00	378.00	
d.	Telescrew 11/2"	pc.	1000.00	2.00	2,000.00	
e.	Roof Sealant	l	2.00	250.00	500.00	
<b>IX Carpentry Works</b>						
a.	Rough Lumber, sun dried tangulite	bd.ft.	500.00	37.00	18,500.00	
b.	Plywood, ordinary 1/4" x 4' x 8'	pc.	30.00	358.00	10,740.00	
c.	Finishing Nails	kg.	5.00	110.00	550.00	
d.	Common Wire Nails	kg.	10.00	65.00	650.00	
e.	Wood Preservative Brown	l	5.00	400.00	2,000.00	
<b>X Electrical Works</b>						
a.	2 x 40w Fluorescent lighting fixtures	set	5.00	1,030.00	5,150.00	
b.	Porcelain Ceiling Outlet w/ female socket	pc	2.00	50.00	100.00	
c.	Duplex Convenience outlet	pc	3.00	170.00	510.00	
d.	two gang switch	pc	3.00	170.00	510.00	
e.	3.5mm2 thw	roll	3.00	3,600.00	10,800.00	
f.	8.00mm2 thw	m	25.00	70.00	1,750.00	
g.	15mm dia. PVC pipe	pc	20.00	73.00	1,460.00	
h.	15mm dia. PVC Coupling	pc	25.00	5.00	125.00	
i.	15mm dia. PVC Elbow	pc	25.00	26.00	650.00	
j.	15mm dia. PVC Clamp	pc	55.00	8.00	440.00	
k.	20mm dia. RSC pipe	pc	4.00	240.00	960.00	
l.	20mm dia. RSC Coupling	pc	3.00	9.00	27.00	
m.	20mm dia. RSC elbow	pc	3.00	30.00	90.00	
n.	20mm dia. RSC Clamp	pc	10.00	18.00	180.00	
o.	20mm dia. Service entrance cap	pc	2.00	100.00	200.00	
p.	wire holder	pc	2.00	50.00	100.00	
q.	utility box	pc	7.00	32.00	224.00	
r.	octagonal box	pc	8.00	34.00	272.00	
s.	electrical tape (big)	pc	7.00	31.00	217.00	
t.	panel board (side main w/ braches)	set	2.00	1,627.00	3,254.00	
<b>XI Plumbing Works</b>						
a.	Water Closet (include, Fitting & Accessories)	set	1.00	7,375.00	7,375.00	
b.	Lavatory (include fitting & Accessories)	set	1.00	6,615.00	6,615.00	
c.	1/2" GI Pipe S-40	pc	2.00	166.00	332.00	
d.	1/2" Water Faucet	pc	2.00	321.00	642.00	
e.	1/2" Assorted Connector	pc	8.00	20.00	160.00	
f.	4" PVC series 1000	pc	1.00	640.00	640.00	
g.	2" PVC series 1000	pc	1.00	305.00	305.00	
h.	4" PVC assorted Connector	pc	6.00	77.00	462.00	
i.	2" PVC assorted Connector	pc	8.00	56.00	448.00	
Sub-Total for F-1 As Submitted					284,606.02	
Equipment						
F-2						
Sub-Total for F-2 As Evaluated						
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				365,295.86	
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated					
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				43,830.70	
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated					
I.1	Contractor's Profit - As Submitted				29,220.47	
I.2	Contractor's Profit - As Evaluated					
J.1	Value Added Tax - As Submitted				21,915.35	
J.2	Value Added Tax - As Evaluated					
K.1	Total Unit Cost - As Submitted					
K.2	Total Unit Cost - As Evaluated				460,222.38	

Prepared by

  
**VINCENT T. RUIZ**  
 Engineer II

Checked/Reviewed

  
**ISIDRA A. ESTANISLAO**  
 Engineer IV



Item No./Description : A.1.1(11)  
Unit of Measurement : Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field Engineer  
Output per hour-As Submitted : 1.00 L.S.  
Output per hour-As Evaluated : 1.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>A.1</b>				
Labor				
Sub-Total for A-1 As Submitted				-
Labor				
<b>A.2</b>				
Sub-Total for A-2 As Evaluated				
<b>B.1</b>	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
Sub-Total for B-1 As Submitted				-
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>	Total (A.1+B.1) - As Submitted			-
<b>C.2</b>	Total (A.2+B.2) - As Evaluated			-
<b>D.1</b>	Output per Hour - As Submitted			1.00
<b>D.2</b>	Output per Hour - As Evaluated			
<b>E.1</b>	Direct Unit Cost (C.1 ÷ D.1) - As Submitted			-
<b>E.2</b>	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated			
<b>Materials</b>	Unit	Quantity	Unit Cost	Amount (Php.)
<b>Office Equipment/Facilities &amp; Supplies</b>				
a. Electric Desk Fan	unit	2.00	1,370.00	2,740.00
b. Folding Beds, Good Quality	each	2.00	2,700.00	5,400.00
c. pillows w/ pillow cases, fitted sheets and blanket	each	2.00	5,000.00	10,000.00
d. Double burner gas stove (Gasul)	unit	1.00	3,700.00	3,700.00
e. 10 cups Rice Cooker	unit	1.00	2,500.00	2,500.00
f. Various Office Supply	L.S.	1.00	45,000.00	45,000.00
(Folders, Bond Paper, Yellow Pads, Ball Pens, Pencil, Envelopes, etc.)				
<b>F.1</b>	L.S.	1.00	30,000.00	30,000.00
(Plates, Spoons & Forks, Glasses, etc.)				
h. Dining Table	set	1.00	8,000.00	8,000.00
i. Digital Camera	set	2.00	12,000.00	24,000.00
j. Cellphone	set	4.00	15,000.00	60,000.00
k. Desktop Computer	set	1.00	60,000.00	60,000.00
<b>Lighting/Water Fixtures</b>				
a. Electrical Bill	mo.	6.63	3,000.00	19,900.00
b. Water Bill	mo.	6.63	1,500.00	9,950.00
c. LPG (11 kg)	mo.	6.63	1,000.00	6,633.33
Sub-Total for F-1 As Submitted				287,823.33
Equipment				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>	Direct Unit Cost (E.1+F.1) - As Submitted			287,823.33
<b>G.2</b>	Direct Unit Cost (E.2+F.2) - As Evaluated			-
<b>H.1</b>	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			-
<b>H.2</b>	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			-
<b>I.1</b>	Contractor's Profit - As Submitted			23,025.87
<b>I.2</b>	Contractor's Profit - As Evaluated			-
<b>J.1</b>	Value Added Tax - As Submitted			15,542.46
<b>J.2</b>	Value Added Tax - As Evaluated			-
<b>K.1</b>	Total Unit Cost - As Submitted			326,391.66
<b>K.2</b>	Total Unit Cost - As Evaluated			-

Prepared by:

Checked/Reviewed

  
ERIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : A.1.2(5)  
 Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer  
 Unit of Measurement : 6.63 month  
 Output per hour-As Submitted : 1.00  
 Output per hour-As Evaluated : 1.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>A.1</b>				
Labor				
a. Driver	1	1,592.00	62.43	99,390.55
Sub-Total for A-1 As Submitted				99,390.55
Labor				
<b>A.2</b>				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>B.1</b>				
Equipment				
Sub-Total for B-1 As Submitted				-
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
Total (A.1+B.1) - As Submitted				99,390.55
<b>C.1</b>				
Total (A.2+B.2) - As Evaluated				-
<b>C.2</b>				
Output per Hour - As Submitted				1.00
<b>D.1</b>				
Output per Hour - As Evaluated				
<b>D.2</b>				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				99,390.55
<b>E.1</b>				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
<b>E.2</b>				
Sub-Total for F-1 As Submitted				282,830.50
Equipment				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>				
Direct Unit Cost (E.1+F.1) - As Submitted				382,221.05
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				-
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				-
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				19,111.05
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				401,332.10
<b>K.2</b>				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
**VINCENT T. RUIZ**  
 Engineer II

  
**ISIDRA A. ESTANISLAO**  
 Engineer IV


Item No./Description : B.4(1)  
 Construction Survey & Staking  
 Unit of Measurement : 2.18 km.  
 Output per hour-As Submitted : 0.04  
 Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>Labor</b>				
<b>For Field Works</b>				
a. Geodetic Engineer	1	1	104.16	104.16
b. Skilled Laborer	3	1	62.43	187.29
c. Unskilled Laborer	3	1	48.14	144.41
<b>For Office Works</b>				
a. Geodetic Engineer	1	3	104.16	312.49
b. Skilled Laborer	2	3	62.43	374.59
Sub-Total for A-1 As Submitted				1,122.95
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
<b>Name and Capacity</b>	<b>No. of Units</b>	<b>No. of Hour/s</b>	<b>Hourly Rate</b>	<b>Amount (Php.)</b>
<b>Equipment</b>				
B.1				
a. Total Station w/ Complete Accessories	1	1	100.00	100.00
Minor Tools 10% of Labor				112.29
Sub-Total for B-1 As Submitted				212.29
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				1,335.24
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				0.04
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				33,380.99
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
<b>Name and Specification</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Amount (Php.)</b>
<b>Materials</b>				
F.1				
a. Standard Stake Plan (800 mm x 910 mm)	pc.	20.00	400.00	8,000.00
b. Blue Printing	pc.	100.00	25.00	2,500.00
Miscellaneous 5% of Material Cost				525.00
Sub-Total for F-1 As Submitted				11,025.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				44,405.99
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				5,328.72
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				3,552.48
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				2,664.36
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				55,951.54
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
 ERIC VINCENT T. RUIZ  
 Engineer II

  
 ISIDRA A. ESTANISLAO  
 Engineer IV



Item No./Description : B.5  
Project Billboard/Signboard  
Unit of Measurement : 4.00 each  
Output per hour-As Submitted : 1.00  
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>A.1</b>				
Labor				
a. Foreman	1	16	86.51	1,384.12
b. Skilled Laborer	1	16	62.43	998.90
c. Unskilled Laborer	2	16	48.14	1,540.36
Sub-Total for A-1 As Submitted				3,923.38
Labor				
<b>A.2</b>				
Sub-Total for A-2 As Evaluated				
<b>B.1</b>				
Equipment	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Sub-Total for B-1 As Submitted				-
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				3,923.38
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				-
<b>D.1</b>				
Output per Hour - As Submitted				1.00
<b>D.2</b>				
Output per Hour - As Evaluated				
<b>E.1</b>				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				3,923.38
<b>E.2</b>				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
<b>F.1</b>				
Materials	Unit	Quantity	Unit Cost	Amount (Php.)
a. Ordinary Plywood 1/2" thk. x 4' x 8'	pc.	4.00	691.00	2,764.00
b. Tarpsaulin (4' x 8')	pc.	4.00	1,000.00	4,000.00
c. Assorted Lumber	bd.ft.	200.00	37.00	7,400.00
d. Assorted CW Nails	kg.	4.00	65.00	260.00
Sub-Total for F-1 As Submitted				14,424.00
Equipment				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>				
Direct Unit Cost (E.1+F.1) - As Submitted				18,347.38
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				2,201.69
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				1,467.79
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				1,100.84
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				23,117.70
<b>K.2</b>				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
DERIC VINCENT T. RUIZ  
Engineer II


  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : B.7  
Unit of Measurement : Occupation Safety & Health  
Output per hour-As Submitted : 6.63 month  
Output per hour-As Evaluated : 1.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1 Labor				
a. Safety Practitioner	1	796.00	86.51	68,899.97
b. First Aider	1	1592.00	62.43	99,390.55
Sub-Total for A-1 As Submitted				168,250.52
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1 Equipment				
a. Warning Signs and Barricades				60,000.00
Sub-Total for B-1 As Submitted				60,000.00
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				228,250.52
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				1.00
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				228,250.52
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1 Materials				
a. Rubber Boots (Long w/ Steel Toe, Black)	pair	24.00	400.00	9,600.00
b. Working Gloves (Maong Materials)	pair	24.00	15.00	360.00
c. Rain Coats (Reinforced, Hip Length)	pc	24.00	100.00	2,400.00
d. Safety Hats	pc	24.00	600.00	14,400.00
Sub-Total for F-1 As Submitted				26,760.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				255,010.52
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				
I.1 Contractor's Profit - As Submitted				20,400.84
I.2 Contractor's Profit - As Evaluated				
J.1 Value Added Tax - As Submitted				13,770.57
J.2 Value Added Tax - As Evaluated				
K.1 Total Unit Cost - As Submitted				289,181.93
K.2 Total Unit Cost - As Evaluated				

Prepared by:

Checked/Reviewed

  
**ERIC VINCENT T. RUIZ**  
Engineer II

  
**ISIDRA A. ESTANISLAO**  
Engineer IV

Item No./Description : B.9  
Unit of Measurement : Mobilization & Demobilization  
Output per hour-As Submitted : 1.00 L.S.  
Output per hour-As Evaluated : 1.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
Sub-Total for A-1 As Submitted				-
Labor				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Backhoe	2	48	1,537.00	73,776.00
b. Dump Truck	2	48	1,420.00	68,160.00
c. Payloader	1	48	1,733.00	83,184.00
Sub-Total for B-1 As Submitted				225,120.00
Equipment				
Sub-Total for B-2 As Evaluated				
Total (A.1+B.1) - As Submitted				225,120.00
Total (A.2+B.2) - As Evaluated				-
Output per Hour - As Submitted				1.00
Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				225,120.00
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
Sub-Total for F-1 As Submitted				-
Materials				
Sub-Total for F-2 As Evaluated				
Direct Unit Cost (E.1+F.1) - As Submitted				225,120.00
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				11,256.00
Value Added Tax - As Evaluated				-
Total Unit Cost - As Submitted				236,376.00
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
JESAC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV

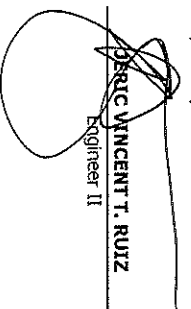


Item No./Description : 101(2)  
Removal of Structure/Obstructions  
Unit of Measurement : 14.00 cu.m. each  
Output per hour-As Submitted : 1.00  
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>Labor</b>				
A.1 Foreman	1	1	86.51	86.51
b. Skilled Laborer	2	1	62.43	124.86
c. Unskilled Laborer	4	1	48.14	192.55
Sub-Total for A-1 As Submitted				403.92
<b>Labor</b>				
A.2				
Sub-Total for A-2 As Evaluated				
<b>Name and Capacity</b>	<b>No. of Units</b>	<b>No. of Hour/s</b>	<b>Hourly Rate</b>	<b>Amount (Php.)</b>
<b>Equipment</b>				
B.1 a. Jackhammer	2	1	150.00	300.00
b. Backhoe	1	0.5	1,537.00	768.50
c. Dump Truck (12 cu.yd.)	1	0.125	1,420.00	177.50
Sub-Total for B-1 As Submitted				1,246.00
<b>Equipment</b>				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				1,649.92
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				1.00
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				1,649.92
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
<b>Name and Specification</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Amount (Php.)</b>
F.1 Materials				
Sub-Total for F-1 As Submitted				-
<b>Materials</b>				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				1,649.92
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				197.99
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				131.99
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				98.99
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				2,078.89
K.2 Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
**DERIC VINCENT T. RUIZ**  
Engineer II

  
**ISIDRA A. ESTANISLAO**  
Engineer IV


Item No./Description : 102(2)  
 Unit of Measurement : Surplus Common Excavation  
 Output per hour-As Submitted : 43,105.50 cu.m.  
 Output per hour-As Evaluated : 60.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Foreman	1	1	86.51	86.51
b. Unskilled Laborer	2	1	48.14	96.27
Sub-Total for A-1 As Submitted				182.78
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Bulldozer, D6H SERIES II PSDS/DD	1	1	3,379.00	3,379.00
b. Payloader (1.50 cu.m.)	1	1	1,733.00	1,733.00
c. Payloader (1.50 cu.m.) - disposal site	1	0.25	1,733.00	433.25
c. Dump Truck (12 cu.yd.)	2	1	1,420.00	2,840.00
Minor Tools 10% of Labor				18.28
Sub-Total for B-1 As Submitted				8,403.53
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				8,586.31
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				60.00
D.2				
Output per Hour - As Evaluated				143.11
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
Sub-Total for F-1 As Submitted				-
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				143.11
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				17.17
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				11.45
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				8.59
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				180.31
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
**VINCENT T. RUIZ**  
 Engineer II

  
**ISIDRA A. ESTANISLAO**  
 Engineer IV

Item No./Description : 103(1)a  
Unit of Measurement : Structure Excavation  
Output per hour-As Submitted : 1,128.00 cu.m.  
Output per hour-As Evaluated : 20.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	1	86.51	86.51
A.1 b. Unskilled Laborer	3	1	48.14	144.41
Sub-Total for A-1 As Submitted				230.92
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
B.1 a. Dump Truck (12 cu.yd.)	2	1	1,420.00	2,840.00
b. Backhoe (0.80 cu.m.)	1	1	1,537.00	1,537.00
Minor Tools 10% of Labor				23.09
Sub-Total for B-1 As Submitted				4,400.09
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				4,631.01
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				20.00
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				231.55
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1 Materials				
Sub-Total for F-1 As Submitted				-
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+E.2) - As Submitted				231.55
G.2 Direct Unit Cost (E.1+E.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				27.79
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				18.52
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				13.89
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				291.75
K.2 Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
ERIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : 103(3)  
Foundation Fill  
Unit of Measurement : 78.50 cu.m.  
Output per hour-As Submitted : 1.25  
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	1	86.51	86.51
b. Unskilled Laborer	4	1	48.14	192.55
Sub-Total for A-1 As Submitted				279.05
Labor				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Plate Compactor (5 hp)	1	1	123.00	123.00
b. Water Truck/Pump (16000 L)	1	0.01	2,450.00	24.50
Minor Tools 10% of Labor				27.91
Sub-Total for B-1 As Submitted				175.41
Equipment				
Sub-Total for B-2 As Evaluated				
Total (A.1+B.1) - As Submitted				454.46
Total (A.2+B.2) - As Evaluated				-
Output per Hour - As Submitted				1.25
Output per Hour - As Evaluated				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				363.57
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Filling Materials (Well Graded Sand)	cu.m.	1.15	800.00	920.00
Sub-Total for F-1 As Submitted				920.00
Materials				
Sub-Total for F-2 As Evaluated				
Direct Unit Cost (E.1+F.1) - As Submitted				1,283.57
Direct Unit Cost (E.2+F.2) - As Evaluated				-
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				154.03
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
Contractor's Profit - As Submitted				102.69
Contractor's Profit - As Evaluated				-
Value Added Tax - As Submitted				77.01
Value Added Tax - As Evaluated				-
Total Unit Cost - As Submitted				1,617.29
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
ERIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV



Item No./Description : 104(1)a  
 Unit of Measurement : Embankment from Roadway Excavation  
 Output per hour-As Submitted : 8,393.50 cu.m.  
 Output per hour-As Evaluated : 50.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
For Excavation Work				
a. Foreman	1	0.83	86.51	71.80
b. Unskilled Laborer	2	0.83	48.14	79.91
Spreading and Compaction				
a. Foreman	1	1	86.51	86.51
b. Unskilled Laborer	2	1	48.14	96.27
Sub-Total for A-1 As Submitted				334.49
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
For Excavation Work				
a. Bulldozer, D6H Series II PSDS/DD	1	0.83	3,379.00	2,804.57
b. Payloader (1.50 cu.m.)	1	0.83	1,733.00	1,438.39
c. Dump Truck (12 cu.yd.)	2	0.83	1,420.00	2,357.20
Spreading and Compaction				
a. Motorized Road Grader (140 hp), G170A	1	1	2,173.00	2,173.00
b. Vibratory Roller (10 mt), SD100C	1	1	1,846.00	1,846.00
c. Water Truck/Pump (16000L)	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				11,231.66
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				11,566.15
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				50.00
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				231.32
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1 Materials				
Sub-Total for F-1 As Submitted				-
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				231.32
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				27.76
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				18.51
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				13.88
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				291.47
K.2 Total Unit Cost - As Evaluated				-

Prepared by: RIC VINCENT T. RUIZ  
 Engineer II

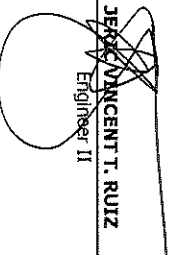
Checked/Reviewed Isidra A. Estanislao  
 Engineer IV

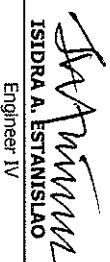
Item No./Description : 105(1)a  
Subgrade Preparation  
Unit of Measurement : 17,247.00 cu.m.  
Output per hour-As Submitted : 300.00  
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	1	86.51	86.51
b. Unskilled Laborer	2	1	48.14	96.27
Sub-Total for A-1 As Submitted				182.78
Labor				
Sub-Total for A-2 As Evaluated				
A.2				
Equipment				
a. Backhoe (0.80 cu.m.)	1	1	2,173.00	2,173.00
b. Vibratory Roller (10 mt), SD100C	1	1	1,846.00	1,846.00
c. Water Truck/Pump (16000 l)	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				4,631.50
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,814.28
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				300.00
D.2				
Output per Hour - As Evaluated				16.05
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
Sub-Total for F-1 As Submitted				-
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				16.05
G.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				1.93
H.2				
Contractor's Profit - As Submitted				-
I.1				
Contractor's Profit - As Evaluated				1.28
I.2				
Value Added Tax - As Submitted				-
J.1				
Value Added Tax - As Evaluated				0.96
J.2				
Total Unit Cost - As Submitted				-
K.1				
Total Unit Cost - As Evaluated				20.22
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
JERONIMUS T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV

**Construction of By-Pass and Diver Roads - Labangan-Pagadian City-Dumaliniao By-Pass, d, Package 2, Zamboanga del Sur**  
Zamboanga del Sur

FORM-POW-2015-01D-00


Item No./Description : 103(6)a  
Pipe Culverts and Drain Excavation  
Unit of Measurement : 161.50 cu.m.  
Output per hour-As Submitted : 20.00  
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>Labor</b>				
a. Foreman	1	1	86.51	86.51
b. Unskilled Laborer	3	1	48.14	144.41
<b>Sub-Total for A-1 As Submitted</b>				230.92
<b>Labor</b>				
<b>A.2</b>				
<b>Sub-Total for A-2 As Evaluated</b>				
<b>Name and Capacity</b>	<b>No. of Units</b>	<b>No. of Hour/s</b>	<b>Hourly Rate</b>	<b>Amount (Php.)</b>
<b>Equipment</b>				
a. Dump Truck (12 cu.yd.)	2	1	1,420.00	2,840.00
b. Backhoe (0.80 cu.m.)	1	1	1,537.00	1,537.00
Minor Tools 10% of Labor				23.09
<b>Sub-Total for B-1 As Submitted</b>				4,400.09
<b>Equipment</b>				
<b>B.2</b>				
<b>Sub-Total for B-2 As Evaluated</b>				
<b>C.1</b>				
<b>Total (A.1+B.1) - As Submitted</b>				4,631.01
<b>C.2</b>				
<b>Total (A.2+B.2) - As Evaluated</b>				-
<b>D.1</b>				
<b>Output per Hour - As Submitted</b>				20.00
<b>D.2</b>				
<b>Output per Hour - As Evaluated</b>				
<b>E.1</b>				
<b>Direct Unit Cost (C.1 ÷ D.1) - As Submitted</b>				231.55
<b>E.2</b>				
<b>Direct Unit Cost (C.2 ÷ D.2) - As Evaluated</b>				
<b>Name and Specification</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Amount (Php.)</b>
<b>F.1</b>				
<b>Materials</b>				
<b>Sub-Total for F-1 As Submitted</b>				-
<b>Materials</b>				
<b>F.2</b>				
<b>Sub-Total for F-2 As Evaluated</b>				
<b>G.1</b>				
<b>Direct Unit Cost (E.1+F.1) - As Submitted</b>				231.55
<b>G.2</b>				
<b>Direct Unit Cost (E.2+F.2) - As Evaluated</b>				-
<b>H.1</b>				
<b>Overhead, Contingencies &amp; Miscellaneous (OCM) - As Submitted</b>				27.79
<b>H.2</b>				
<b>Overhead, Contingencies &amp; Miscellaneous (OCM) - As Evaluated</b>				-
<b>I.1</b>				
<b>Contractor's Profit - As Submitted</b>				18.52
<b>I.2</b>				
<b>Contractor's Profit - As Evaluated</b>				-
<b>J.1</b>				
<b>Value Added Tax - As Submitted</b>				13.89
<b>J.2</b>				
<b>Value Added Tax - As Evaluated</b>				-
<b>K.1</b>				
<b>Total Unit Cost - As Submitted</b>				291.75
<b>K.2</b>				
<b>Total Unit Cost - As Evaluated</b>				-

Prepared by:

Checked/Reviewed

  
**ERIC VINCENT T. RUIZ**  
Engineer II

  
**ISIDRA A. ESTANISLAO**  
Engineer IV

Item No./Description : 200(1)  
Aggregate Subbase Course  
Unit of Measurement : 8,260.50 cu.m.  
Output per hour-As Submitted : 50.00  
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	1	86.51	86.51
b. Unskilled Laborer	2	1	48.14	96.27
Sub-Total for A-1 As Submitted				182.78
Labor				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
B.1				
a. Motorized Road Grader (140 hp), G710A	1	1	2,173.00	2,173.00
b. Vibratory Roller (10 mt), SD100C	1	1	1,846.00	1,846.00
c. Water Truck/Pump (16000 L)	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				4,631.50
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				4,814.28
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				50.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				96.29
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
a. Aggregate Subbase Course	cu.m.	1.15	600.00	690.00
(with 15% wastage factor)				
Sub-Total for F-1 As Submitted				690.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				786.29
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				94.35
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				62.90
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				47.18
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				990.72
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
VINCENT T. RUIZ  
Engineer II  
ISIDRA A. ESTANISLAO  
Engineer IV

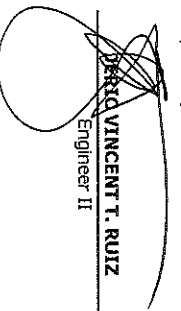


Item No./Description : 300(1)  
Gravel Surface Course  
Unit of Measurement : 348.00 cu.m.  
Output per hour-As Submitted : 50.00  
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	1	86.51	86.51
b. Unskilled Laborer	2	1	48.14	96.27
Sub-Total for A-1 As Submitted				182.78
Labor				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Motorized Road Grader (140 hp), G710A	1	1	2,173.00	2,173.00
b. Vibratory Roller (10 mt), SD100C	1	1	1,846.00	1,846.00
c. Water Truck/Pump (16000 L)	1	0.25	2,450.00	612.50
Sub-Total for B-1 As Submitted				4,631.50
Equipment				
Sub-Total for B-2 As Evaluated				
Total (A.1+B.1) - As Submitted				4,814.28
Total (A.2+B.2) - As Evaluated				-
Output per Hour - As Submitted				50.00
Output per Hour - As Evaluated				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				96.29
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Uncrushed Aggregate Surface Course	cu.m.	1.15	750.00	862.50
(with 15% wastage factor)				
Sub-Total for F-1 As Submitted				862.50
Equipment				
Sub-Total for F-2 As Evaluated				
Direct Unit Cost (E.1+F.1) - As Submitted				958.79
Direct Unit Cost (E.2+F.2) - As Evaluated				-
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				115.05
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
Contractor's Profit - As Submitted				76.70
Contractor's Profit - As Evaluated				-
Value Added Tax - As Submitted				57.53
Value Added Tax - As Evaluated				-
Total Unit Cost - As Submitted				1,208.07
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
DERRIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV

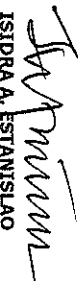
Item No./Description : 311(1)a  
Unit of Measurement : Portland Cement Concrete Pavement  
Output per hour-As Submitted : 4,591.50 sq.m.  
Output per hour-As Evaluated : 107.33

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>Labor</b>				
A.1 Foreman	1	1	86.51	86.51
b. Skilled Laborer	4	1	62.43	249.73
b. Unskilled Laborer	12	1	48.14	577.64
Sub-Total for A-1 As Submitted				913.87
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
<b>Name and Capacity</b>	<b>No. of Units</b>	<b>No. of Hour/s</b>	<b>Hourly Rate</b>	<b>Amount (Php.)</b>
<b>Equipment</b>				
a. Transit Mixer (5 cu.m.)	4	1	1,318.00	5,272.00
b. Concrete Vibrator	2	1	91.25	182.50
c. Concrete Batching Plant (30 cu.m.)	1	1	1,759.50	1,759.50
d. Payloader (1.50 cu.m.), LX80-2C	1	1	1,733.00	1,733.00
e. Concrete Screeder (5.5 hp)	1	1	545.00	545.00
f. Water Truck/Pump (16000 L)	1	1	2,450.00	2,450.00
g. Concrete Saw (7.5 hp), 14" Blade dia.	1	1	32.63	32.63
h. Bar Cutter, Single Phase	1	0.1	219.75	21.98
Minor Tools				45.69
Sub-Total for B-1 As Submitted				12,042.30
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				12,956.17
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				107.33
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				120.71
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
<b>Name and Specification</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Amount (Php.)</b>
<b>Materials</b>				
a. Reinforcing Steel Bar	kg.	0.33	40.00	13.20
b. Curing Compound	L	0.29	35.00	10.15
c. Asphalt Sealant	L	0.12	100.00	12.00
d. Steel Forms (Rental)	m.	0.46	40.00	18.40
e. Sand	cu.m.	0.0825	800.00	66.00
f. Gravel	cu.m.	0.15	750.00	112.50
g. Cement	bag	1.43	272.00	388.96
h. Concrete Saw (Diamond Blade 14" dia.)	pc.	0.00015	2,500.00	0.38
i. Pipe Sleeve, 2" dia.	m.	0.0078	61.00	0.48
j. Grease/Tar	L	0.0015	112.50	0.17
Sub-Total for F-1 As Submitted				622.23
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				742.94
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				89.15
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				59.44
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				44.58
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				936.11
K.2 Total Unit Cost - As Evaluated				-

Prepared by:

  
FERIT VINCENT T. RUIZ  
Engineer II

Checked/Reviewed

  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : 311(1)el  
 Unit of Measurement : Portland Cement Concrete Pavement  
 Output per hour-As Submitted : 15,566.50 sq.m.  
 Output per hour-As Evaluated : 57.50

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>Labor</b>				
A.1 Foreman	1	1	86.51	86.51
b. Skilled Laborer	4	1	62.43	249.73
b. Unskilled Laborer	12	1	48.14	577.64
Sub-Total for A-1 As Submitted				913.87
<b>Labor</b>				
A.2				
Sub-Total for A-2 As Evaluated				
<b>Equipment</b>				
a. Transit Mixer (5 cu.m.)	4	1	1,318.00	5,272.00
b. Concrete Vibrator	2	1	91.25	182.50
c. Concrete Batching Plant (30 cu.m.)	1	1	1,759.50	1,759.50
d. Payloader (1.50 cu.m.) LX80-2C	1	1	1,733.00	1,733.00
e. Concrete Screeder (5.5 hp)	1	1	545.00	545.00
f. Water Truck/Pump (16000 L)	1	1	2,450.00	2,450.00
g. Concrete Saw (7.5 hp), 14" Blade dia.	1	1	32.63	32.63
h. Bar Cutter, Single Phase	1	0.1	219.75	21.98
Minor Tools				45.69
Sub-Total for B-1 As Submitted				12,042.30
<b>Equipment</b>				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				12,956.17
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				57.50
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				225.32
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
<b>Materials</b>				
a. Reinforcing Steel Bar	kg.	0.50	40.00	20.00
b. Curing Compound	L	0.29	35.00	10.15
c. Asphalt Sealant	L	0.17	100.00	17.00
d. Steel Forms (Rental)	m.	0.46	40.00	18.40
e. Sand	cu.m.	0.154	800.00	123.20
f. Gravel	cu.m.	0.28	750.00	210.00
g. Cement	bag	2.66	272.00	723.52
h. Concrete Saw (Diamond Blade 14" dia.)	pc.	0.00015	2,500.00	0.38
i. Pipe Sleeve, 2" dia.	m.	0.0078	61.00	0.48
j. Grease/Tar	L	0.0078	112.50	0.88
Sub-Total for F-1 As Submitted				1,124.00
<b>Materials</b>				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				1,349.32
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				161.92
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				107.95
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				80.96
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				1,700.15
K.2 Total Unit Cost - As Evaluated				-

Prepared by:

  
 ERIC VINCENT T. RUIZ  
 Engineer II

Checked/Reviewed

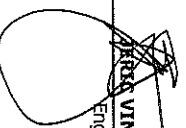
  
 ISIDRA A. ESTANISLAO  
 Engineer IV

Item No./Description : 404(1)a  
 Unit of Measurement : Reinforcing Steel, Grade 40  
 Output per hour-As Submitted : 22.817/00 kg.  
 Output per hour-As Evaluated : 180.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>A.1</b>				
Labor				
a. Foreman	1	1	86.51	86.51
b. Skilled Laborer	2	1	62.43	124.86
b. Unskilled Laborer	8	1	48.14	385.09
Sub-Total for A-1 As Submitted				596.46
Labor				
<b>A.2</b>				
Sub-Total for A-2 As Evaluated				
<b>Name and Capacity</b>	<b>No. of Units</b>	<b>No. of Hour/s</b>	<b>Hourly Rate</b>	<b>Amount (Php.)</b>
<b>Equipment</b>				
a. Bar Cutter	1	0.5	219.75	109.88
b. Bar Bender	1	0.5	351.50	175.75
c. Cargo Truck (9 - 10 mt)	1	0.15	1,212.00	181.80
Sub-Total for B-1 As Submitted				467.43
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				1,063.89
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				
<b>D.1</b>				
Output per Hour - As Submitted				180.00
<b>D.2</b>				
Output per Hour - As Evaluated				
<b>E.1</b>				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				5.91
<b>E.2</b>				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
<b>Name and Specification</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Amount (Php.)</b>
<b>Materials</b>				
a. Tie Wire (2% of RSB)	kg.	0.02	80.00	1.68
b. Reinforcing Steel Bar	kg.	1.05	40.00	42.00
(with 5% wastage)				
Sub-Total for F-1 As Submitted				43.68
Materials				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>				
Direct Unit Cost (E.1+F.1) - As Submitted				49.59
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				5.95
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				
<b>I.1</b>				
Contractor's Profit - As Submitted				3.97
<b>I.2</b>				
Contractor's Profit - As Evaluated				
<b>J.1</b>				
Value Added Tax - As Submitted				2.98
<b>J.2</b>				
Value Added Tax - As Evaluated				
<b>K.1</b>				
Total Unit Cost - As Submitted				62.48
<b>K.2</b>				
Total Unit Cost - As Evaluated				

Prepared by:

Checked/Reviewed

  
**JERRY VINCENT T. RUJZ**  
 Engineer II

  
**ISIDRA A. ESTANISLAO**  
 Engineer IV



Item No./Description : 405(1)a3  
Unit of Measurement : Structural Concrete, Class "A"  
Output per hour-As Submitted : 564.00 cu.m.  
Output per hour-As Evaluated : 1.40

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1	Labor				
	a. Foreman	1	1	86.51	86.51
	b. Skilled Laborer	4	1	62.43	249.73
	c. Unskilled Laborer	8	1	48.14	385.09
	Installation/Removal of Formworks				
A.1	a. Skilled Laborer	4	1	62.43	249.73
	b. Unskilled Laborer	8	1	48.14	385.09
	Sub-Total for A-1 As Submitted				1,356.14
A.2	Labor				
	Sub-Total for A-2 As Evaluated				
B.1	Equipment				
	a. One Bagger Mixer	1	1	219.75	219.75
	b. Concrete Vibrator	1	1	351.50	351.50
	c. Water Truck/Pump (16000 L)	1	0.1	1,212.00	121.20
	Minor Tools 5% of Labor				67.81
	Sub-Total for B-1 As Submitted				760.26
B.2	Equipment				
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				2,116.39
C.2	Total (A.2+B.2) - As Evaluated				-
D.1	Output per Hour - As Submitted				1.40
D.2	Output per Hour - As Evaluated				
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				1,511.71
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
F.1	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
	Materials				
	a. Lumber, Good - 4 uses	bd.ft.	70.00	37.00	647.50
	b. Marine Plywood (1/2" x 4' x 8') - 4 uses	pc.	1.60	790.00	316.00
	c. Assorted CWM	kg.	0.70	65.00	45.50
	d. Cement	bag	9.50	272.00	2,584.00
	e. Sand	cu.m.	0.50	800.00	400.00
F.2	f. Gravel	cu.m.	1.00	750.00	750.00
	Sub-Total for F-1 As Submitted				4,743.00
	Materials				
	Sub-Total for F-2 As Evaluated				
G.1	Direct Unit Cost (E.1+ F.1) - As Submitted				6,254.71
G.2	Direct Unit Cost (E.2+ F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				750.57
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1	Contractor's Profit - As Submitted				500.38
I.2	Contractor's Profit - As Evaluated				-
J.1	Value Added Tax - As Submitted				375.28
J.2	Value Added Tax - As Evaluated				-
K.1	Total Unit Cost - As Submitted				7,880.93
K.2	Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed


  
JERIC VINCENT T. RUIZ  
Engineer II  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : 500(1)b3  
Pipe Culverts  
Unit of Measurement : 97.00 ln.m.  
Output per hour-As Submitted : 1.00  
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Foreman	1	0.57	86.51	49.31
b. Skilled Laborer	2	0.57	62.43	71.17
c. Unskilled Laborer	4	0.57	48.14	109.75
Sub-Total for A-1 As Submitted				230.23
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
B.1				
Equipment				
a. Backhoe (0.80 cu.m.)	1	0.29	1,537.00	445.73
b. Plate Compactor (5 hp)	1	0.29	123.00	35.67
Minor Tools 10% of Labor				23.02
Sub-Total for B-1 As Submitted				504.42
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				734.65
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				734.65
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
a. Cement	bag	1.08	272.00	293.76
b. Sand	cu.m.	0.06	800.00	48.80
c. RC Pipes (910 mm. dia.)	pc.	1.00	1,665.00	1,665.00
d. Sand Bedding/Selected Sandy Soil	cu.m.	0.13	800.00	102.40
Sub-Total for F-1 As Submitted				2,109.96
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				2,844.61
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				341.35
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				227.57
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				170.68
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				3,584.21
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
VINCENT T. RUIZ  
Engineer II  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : 505(2)a  
Grouted Riprap, Class "A"  
Unit of Measurement : 32.50 cu.m.  
Output per hour-As Submitted : 1.25  
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Foreman	1	1	86.51	86.51
b. Skilled Laborer	2	1	62.43	124.86
c. Unskilled Laborer	8	1	48.14	385.09
Sub-Total for A-1 As Submitted				596.46
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. One Bagger Mixer	1	1	172.00	172.00
b. Water Truck/Pump (16000 L)	1	0.05	2,450.00	122.50
Minor Tools 10% of Labor				59.65
Sub-Total for B-1 As Submitted				354.15
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				950.61
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				1.25
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				760.48
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Cement	bag	3.00	272.00	816.00
b. Sand	cu.m.	0.25	800.00	200.00
c. Gravel	cu.m.	0.15	750.00	112.50
d. Weep Holes (PVC)	m.	0.30	536.00	160.80
e. Filter Cloth	sq.m.	0.015	160.00	2.40
f. Boulder	cu.m.	1.05	1,100.00	1,155.00
Miscellaneous 1% of Material Cost				24.47
Sub-Total for F-1 As Submitted				2,471.17
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				3,231.65
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				387.80
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				258.53
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				193.90
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				4,071.88
K.2 Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

JERIC VINCENT T. RUIZ  
JERIC VINCENT T. RUIZ  
Engineer II

ISIDRA A. ESTANISLAO  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : 500(1)b4  
Pipe Culverts  
Unit of Measurement : - In.m.  
Output per hour-As Submitted : 1.00  
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	0.8	86.51	69.21
b. Skilled Laborer	2	0.8	62.43	99.89
c. Unskilled Laborer	4	0.8	48.14	154.04
Sub-Total for A-1 As Submitted				323.13
Labor				
A.2				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Equipment				
a. Backhoe (0.80 cu.m.)	1	0.4	1,537.00	614.80
b. Plate Compactor (5 hp)	1	0.4	123.00	49.20
Minor Tools 10% of Labor				32.31
Sub-Total for B-1 As Submitted				696.31
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				1,019.45
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				1.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				1,019.45
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Cement	bag	1.40	272.00	381.89
b. Sand	cu.m.	0.08	800.00	64.00
c. RC Pipes (1220 mm. dia.)	pc.	1.00	4,455.00	4,455.00
d. Sand Bedding/Selected Sandy Soil	cu.m.	0.17	800.00	136.00
Sub-Total for F-1 As Submitted				5,036.89
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				6,056.33
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				726.76
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				484.51
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				363.38
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				7,630.98
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
ERIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV



Item No./Description : 506(1)  
Unit of Measurement : Stone Masonry  
Output per hour-As Submitted : 81.00 cu.m.  
Output per hour-As Evaluated : 1.60

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>A.1</b>				
Labor				
a. Foreman	1	1	86.51	86.51
b. Skilled Laborer	2	1	62.43	124.86
c. Unskilled Laborer	8	1	48.14	385.09
Sub-Total for A-1 As Submitted				596.46
Labor				
<b>A.2</b>				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>B.1</b>				
Equipment				
a. One Bagger Mixer	1	1	172.00	172.00
b. Water Truck/Pump (16000 L)	1	0.05	2,450.00	122.50
c. Backhoe (Wheel Type, 0.28 cu.m.)	1	0.1	922.00	92.20
Minor Tools 10% of Labor				59.65
Sub-Total for B-1 As Submitted				446.35
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				1,042.81
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				-
<b>D.1</b>				
Output per Hour - As Submitted				1.60
<b>D.2</b>				
Output per Hour - As Evaluated				
<b>E.1</b>				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				651.75
<b>E.2</b>				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
<b>F.1</b>				
Materials				
a. Cement	bag	5.50	272.00	1,496.00
b. Sand	cu.m.	0.30	800.00	240.00
c. Gravel	cu.m.	0.20	750.00	150.00
d. Weep Holes (PVC)	m.	0.30	536.00	160.80
e. Filter Cloth	sq.m.	0.015	160.00	2.40
f. Boulder	cu.m.	1.05	1,100.00	1,155.00
Miscellaneous 1% of Material Cost				32.04
Sub-Total for F-1 As Submitted				3,236.24
Materials				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>				
Direct Unit Cost (E.1+F.1) - As Submitted				3,888.00
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				466.56
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				311.04
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				233.28
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				4,898.87
<b>K.2</b>				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
**VINCENT T. RUIZ**  
Engineer II

  
**ISIDRA A. ESTANISLAO**  
Engineer IV


Item No./Description : 612(1)  
 Unit of Measurement : ReflectORIZED Thermoplastic Pavement Markings (White)  
 Output per hour-As Submitted : 516.00 sq.m.  
 Output per hour-As Evaluated : 25.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>A.1</b>				
Labor				
a. Foreman	1	1	86.51	86.51
b. Skilled Laborer	2	1	62.43	124.86
c. Unskilled Laborer	6	1	48.14	288.82
Sub-Total for A-1 As Submitted				500.19
Labor				
<b>A.2</b>				
Sub-Total for A-2 As Evaluated				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>B.1</b>				
Equipment				
a. Cargo Truck (2 - 5 mt.)	1	1	783.00	783.00
b. Applicator Machine	1	1	93.75	93.75
c. Kneading Machine	1	1	187.50	187.50
Minor Tools				50.02
Sub-Total for B-1 As Submitted				1,114.27
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				1,614.46
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				-
<b>D.1</b>				
Output per Hour - As Submitted				25.00
<b>D.2</b>				
Output per Hour - As Evaluated				
<b>E.1</b>				
Direct Unit Cost (C.1 + D.1) - As Submitted				64.58
<b>E.2</b>				
Direct Unit Cost (C.2 + D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
<b>F.1</b>				
Materials				
a. Thermoplastic Paint (White)	bag	0.33	1,585.00	515.13
b. Glass Beads	bag	0.03	2,500.00	82.50
c. Primer	l	0.12	160.00	19.20
d. LPG (50 kg.)	cyf.	0.00	3,450.00	13.80
e. LPG (12 kg.)	cyf.	0.00	828.00	1.66
f. Calsurine	kg.	0.13	100.00	12.50
Miscellaneous				32.24
Sub-Total for F-1 As Submitted				677.02
Materials				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>				
Direct Unit Cost (E.1+F.1) - As Submitted				741.60
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				88.99
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				59.33
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				44.50
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				934.41
<b>K.2</b>				
Total Unit Cost - As Evaluated				-

Prepared by:

  
**ERIC VINCENT T. RUIZ**  
 Engineer II

Checked/Reviewed

  
**ISIDRA A. ESTANISLAO**  
 Engineer IV

Item No./Description : 612(2)  
 Unit of Measurement : Reflectorized Thermoplastic Pavement Markings (Yellow)  
 Output per hour-As Submitted : 89.00 sq.m.  
 Output per hour-As Evaluated : 25.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>Labor</b>				
A.1				
a. Foreman	1	1	86.51	86.51
b. Skilled Laborer	2	1	62.43	124.86
b. Unskilled Laborer	6	1	48.14	288.82
Sub-Total for A-1 As Submitted				500.19
<b>Labor</b>				
A.2				
Sub-Total for A-2 As Evaluated				
<b>Equipment</b>				
B.1				
a. Cargo Truck (2 - 5 mt.)	1	1	783.00	783.00
b. Applicator Machine	1	1	93.75	93.75
c. Kneading Machine	1	1	187.50	187.50
Minor Tools 10% of Labor				50.02
Sub-Total for B-1 As Submitted				1,114.27
<b>Equipment</b>				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				1,614.46
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				25.00
D.2				
Output per Hour - As Evaluated				64.58
E.1				
Direct Unit Cost (C.1 + D.1) - As Submitted				
E.2				
Direct Unit Cost (C.2 + D.2) - As Evaluated				
<b>Materials</b>				
a. Thermoplastic Paint (Yellow)	bag	0.33	1,800.00	595.00
b. Glass Beads	bag	0.03	2,500.00	82.50
c. Primer	L	0.12	175.00	21.00
d. LPG (50 kg.)	gyl.	0.00	3,450.00	13.80
e. LPG (12 kg.)	gyl.	0.00	828.00	1.66
f. Calsunline	kg.	0.13	100.00	12.50
Miscellaneous 5% of Material Cost				35.82
Sub-Total for F-1 As Submitted				752.28
<b>Equipment</b>				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				816.86
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				98.02
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				65.35
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				49.01
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				1,029.24
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
**VINCENT T. RUIZ**  
 Engineer II

  
**ISIDRA A. ESTANISLAO**  
 Engineer IV