

Regional Director



**Construction of New Bridge- Along Labangan-Pagadian City-Dumalinao Road  
Zamboanga del Sur**

FORM POW-2015-01A-00

**ITEMIZED BREAKDOWN**

ITEMIZED BREAKDOWN											
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 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		452,552.01		0.48%
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.	289,106.67		289,106.67		327,846.96		0.38%
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	6.87		month	464,273.70		67,612.67		70,993.31		0.61%
	TOTAL OF PART A				1,118,636.23						1.47%
PART B	Other General Requirements										
B.4(1)	Construction Survey & Staking	0.49		km.	21,758.93		44,405.99		55,019.02		0.03%
B.5	Project Billboard/Signboard	4.00		each	18,347.38		4,586.85		5,683.10		0.02%
B.7	Occupation Safety & Health	6.87		month	260,928.88		37,999.35		43,091.26		0.34%
B.9	Mobilization & Demobilization	1.00		L.S.	593,520.00		593,520.00		623,196.00		0.78%
	TOTAL OF PART B				894,555.19						1.17%
PART C	Earthworks										
102(2)	Surplus Common Excavation	22,924.00		cu.m.	3,280,542.08		143.11		177.31		4.30%
103(2)a	Bridge Excavation, Common Soil	394.38		cu.m.	91,628.92		232.34		287.87		0.12%
103(2)b	Bridge Excavation, Soft Rock	823.01		cu.m.	286,718.01		348.38		431.64		0.38%
105(1)a	Subgrade Preparation	2,416.00		sq.m.	38,771.00		16.05		19.88		0.05%
	TOTAL OF PART C				3,697,660.01						4.84%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	1,387.00		cu.m.	1,090,578.13		786.29		974.21		1.43%
	TOTAL OF PART D				1,090,578.13						1.43%

ITEM NO.	DESCRIPTION	QUANTITY		UNIT	DIRECT COST				TOTAL UNIT COST		% DIRECT COST
		AS SUBMITTED	AS EVALUATED		TOTAL		UNIT COST		TOTAL		AS EVALUATED
					AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	
PART E	Surface Courses										
311(1)a	Portland Cement Concrete Pavement	1,106.00		sq.m.	821,694.87		742.94		920.51		1.08%
311(1)e1	Portland Cement Concrete Pavement	2,391.00		sq.m.	3,226,231.11		1,349.32		1,671.81		4.23%
	TOTAL OF PART E				4,047,925.98						5.30%
PART F	Bridge Construction										
400(1)a1	Precast Concrete Piles, furnished (400 mm x 400 mm)	3,720.00		m.	13,575,551.87		3,649.34		4,521.53		17.78%
400(6)	Structural Steel Sheet Piles, furnished	2,934.00		kg.	7,015,119.30		2,390.97		2,962.42		9.19%
400(12)	Structural Steel Sheet Piles, driven	2,376.00		kg.	2,334,753.51		982.64		1,217.49		3.06%
400(14)	Precast Concrete Piles, driven (soft strata)	3,565.00		m.	5,526,812.59		1,550.30		1,920.82		7.24%
400(16)a	Test Piles, furnished and driven	120.00		m.	387,570.97		3,229.76		4,001.67		0.51%
401(2)a	Concrete Railing	240.60		m.	742,965.22		3,087.97		3,825.99		0.97%
402(1)	Timber Structure	18.00		span	2,314,323.23		128,573.51		159,302.58		3.03%
404(1)a	Reinforcing Steel, Grade 40	11,008.57		kg.	559,882.72		50.86		63.01		0.73%
404(1)b	Reinforcing Steel, Grade 60	169,639.59		kg.	8,983,910.06		52.96		65.62		11.77%
405(1)b2	Structural Concrete, Class "A"	1,203.76		cu.m.	8,952,058.87		7,436.75		9,214.13		11.73%
406(1)f8	Prestressed Structural Concrete Member, Type IV-B	16.00		each	9,156,413.89		572,275.87		709,049.80		11.99%
407(8)	Lean Concrete	24.63		cu.m.	108,464.56		4,403.76		5,456.26		0.14%
412(1)	Elastomeric Bearing Pad	32.00		each	524,150.06		16,379.69		20,294.44		0.69%
413(3)b	Premolded Expansion Joint Filler with Sealant	9.72		cu.m.	4,964.87		510.79		632.87		0.01%
413(7)a1	Expansion Dam for Bridges (Steel)	3.00		set	1,319,898.09		439,966.03		545,117.91		1.73%
414(1)	Forms and Falsework	1.00		L.S.	836,201.03		836,201.03		1,036,053.07		1.10%
	TOTAL OF PART F				62,343,040.82						81.66%
PART G	Drainage and Slope Protection Structures										
505(2)a	Grouted Riprap, Class "A"	492.00		cu.m.	1,589,972.69		3,231.65		4,004.02		2.08%
508(1)	Hand Laid Rock Embankment	1,046.90		cu.m.	1,428,970.26		1,364.95		1,691.18		1.87%
	TOTAL OF PART G				3,018,942.94						3.95%
PART H	Miscellaneous Structure										
612(1)	ReflectORIZED Thermoplastic Pavement Markings (White)	98.00		sq.m.	72,676.63		741.60		918.84		0.10%
612(2)	ReflectORIZED Thermoplastic Pavement Markings (Yellow)	74.00		sq.m.	60,447.42		816.86		1,012.09		0.08%
	TOTAL OF PART H				133,124.06						0.17%
	GRAND TOTAL				76,344,463.35						100.00%





**Construction of New Bridge- Along Labangan-Pagadian City-Dumalinao Road  
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	Diesel Hammer		1
2	Bulldozer		1	27	Drop Hammer		1
3	Backhoe	0.83 cu.m/1.04 cu. Yd	2	28	Jack Hammer		2
4	Road Grader		1	29	Air Compressor	356 - 450 cfm	1
5	Road Roller	10 mt	1	30	Service Crane	21 - 25 mt.	1
6	Payloader	1.50 cu.m/1.95 cu.yd	2	31	Crawler Crane with Bucket	36 - 40 mt.	1
7	Water Truck/Pump	16000L	1	32	Truck Mounted Crane with Bucket	41 - 45 mt.	1
8	Water Tank			33	Stressing (Jack) Machine		1
9	Transit Mixer	5-6 cu. Yd	4	34	Grouting Machine, Air Driven		1
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	1	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	Boom Truck			45			
21	Truck Mounted Crane		1	46			
22	Vibro Hammer	272.22 hp	1	47			
23	Generator Set	7000 kW	1	48			
24	Welding Machine	500A	1	49			
25	Cutting Outfit		1	50			
	<b>SUB-TOTAL</b>		33		<b>SUB-TOTAL</b>		10
<b>TOTAL</b>							43



DPWH REGIONAL OFFICE IX  
Construction of New Bridge- Along Labangan-Pagadian City-Dumalinao Road  
Zamboanga del Sur  
9167067600

FORM POW-2015-01C-00

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	0.48%	1.00	L.S.	284,606.02	47,994.40	32,655.44	365,255.86	18.00%	65,746.05	21,550.10	452,552.01
A.1.1(11)	Provision of Provision of Furnitures/Fxtures, Equipment and Appliances for the Field Office for the Field Engineer	AS EVALUATED											
		AS SUBMITTED	0.38%	1.00	L.S.	289,106.67	-	-	289,106.67	8.00%	23,128.53	15,611.76	327,846.96
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	AS EVALUATED											
		AS SUBMITTED	0.61%	6.87	month	361,387.00	102,886.70	-	464,273.70	0.00%	-	23,213.69	487,487.39
	TOTAL OF PART A	AS EVALUATED											
		AS SUBMITTED	1.47%			935,099.69	150,881.10	32,655.44	1,118,636.23		88,874.59	60,375.54	1,267,886.36
PART B	Other General Requirements												
B.4(1)	Construction Survey & Staking	AS EVALUATED											
		AS SUBMITTED	0.03%	0.49	km.	5,402.25	13,756.08	2,600.61	21,758.93	18.00%	3,916.61	1,283.78	26,959.32
B.5	Project Billboard/Signboard	AS EVALUATED											
		AS SUBMITTED	0.02%	4.00	each	14,424.00	3,923.38	-	18,347.38	18.00%	3,302.53	1,082.50	22,732.40
B.7	Occupation Safety & Health	AS EVALUATED											
		AS SUBMITTED	0.34%	6.87	month	26,760.00	174,168.88	60,000.00	260,928.88	8.00%	20,874.31	14,090.16	295,893.35
B.9	Mobilization & Demobilization	AS EVALUATED											
		AS SUBMITTED	0.78%	1.00	L.S.	-	-	593,520.00	593,520.00	0.00%	-	29,676.00	623,196.00
	TOTAL OF PART B	AS EVALUATED											
		AS SUBMITTED	1.17%			46,586.25	191,848.34	656,120.61	894,555.19		28,093.45	46,132.43	968,781.07
PART C	Earthworks												
102(2)	Surplus Common Excavation	AS EVALUATED											
		AS SUBMITTED	4.30%	22,924.00	cu.m.	-	69,834.15	3,210,707.93	3,280,542.08	18.00%	590,497.57	193,551.98	4,064,591.63
103(2)a	Bridge Excavation, Common Soil	AS EVALUATED											
		AS SUBMITTED	0.12%	394.38	cu.m.	-	4,835.32	86,793.60	91,628.92	18.00%	16,493.20	5,406.11	113,528.23
103(2)b	Bridge Excavation, Soft Rock	AS EVALUATED											
		AS SUBMITTED	0.38%	823.01	cu.m.	-	14,415.09	272,302.92	286,718.01	18.00%	51,609.24	16,916.36	355,243.62
105(1)a	Subgrade Preparation	AS EVALUATED											
		AS SUBMITTED	0.05%	2,416.00	sq.m.	-	1,471.99	37,299.01	38,771.00	18.00%	6,978.78	2,287.49	48,037.27
	TOTAL OF PART C	AS EVALUATED											
		AS SUBMITTED	4.84%			-	90,556.55	3,607,103.46	3,697,660.01		665,578.80	218,161.94	4,581,400.75
PART D	Subbase and Base Course												
200(1)	Aggregate Subbase Course	AS EVALUATED											
		AS SUBMITTED	1.43%	1,387.00	cu.m.	957,030.00	5,070.32	128,477.81	1,090,578.13	18.00%	196,304.06	64,344.11	1,351,226.30
	TOTAL OF PART D	AS EVALUATED											
		AS SUBMITTED	1.43%			957,030.00	5,070.32	128,477.81	1,090,578.13		196,304.06	64,344.11	1,351,226.30
PART E	Surface Courses												
311(1)a	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	1.08%	1,106.00	sq.m.	688,185.88	9,417.10	124,091.88	821,694.87	18.00%	147,905.08	48,480.00	1,018,079.94
311(1)e1	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	4.23%	2,391.00	sq.m.	2,687,479.94	38,000.99	500,750.18	3,226,231.11	18.00%	580,721.60	190,347.64	3,997,300.35
	TOTAL OF PART E	AS EVALUATED											
		AS SUBMITTED	5.30%			3,375,665.82	47,418.10	624,842.07	4,047,925.98		728,626.68	238,827.63	5,015,380.29

ITEM NO.	DESCRIPTION		DETAILED BREAKDOWN OF COMPONENT COST FOR EACH ITEM										5% VAT	TOTAL COST
			%	QTY	UNIT	DIRECT COST				TOTAL MARK-UP				
						MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE			
PART F	Bridge Construction													
400(1)a1	Precast Concrete Piles, furnished (400 mm x 400 mm)	AS EVALUATED												
		AS SUBMITTED	17.78%	3,720.00	m.	10,802,708.88	1,073,327.88	1,699,515.11	13,575,551.87	18.00%	2,443,599.34	800,957.56	16,820,108.76	
400(6)	Structural Steel Sheet Piles, furnished	AS EVALUATED												
		AS SUBMITTED	9.19%	2,934.00	ln.m.	6,895,134.72	12,536.43	107,448.14	7,015,119.30	18.00%	1,262,721.47	413,892.04	8,691,732.81	
400(12)	Structural Steel Sheet Piles, driven	AS EVALUATED												
		AS SUBMITTED	3.06%	2,376.00	ln.m.	181,883.96	178,179.21	1,974,690.33	2,334,753.51	18.00%	420,255.63	137,750.46	2,892,759.60	
400(14)	Precast Concrete Piles, driven (soft strata)	AS EVALUATED												
		AS SUBMITTED	7.24%	3,565.00	m.	1,306,158.96	1,113,982.53	3,106,721.11	5,526,812.59	18.00%	994,826.27	326,081.94	6,847,720.80	
400(16)a	Test Piles, furnished and driven	AS EVALUATED												
		AS SUBMITTED	0.51%	120.00	m.	245,501.28	37,495.63	104,574.06	387,570.97	18.00%	69,762.77	22,866.69	480,200.43	
401(2)a	Concrete Railing	AS EVALUATED												
		AS SUBMITTED	0.97%	240.60	m.	506,671.48	197,216.13	39,077.61	742,965.22	18.00%	133,733.74	43,834.95	920,533.91	
402(1)	Timber Structure	AS EVALUATED												
		AS SUBMITTED	3.03%	18.00	span	1,631,345.09	107,987.40	574,990.74	2,314,323.23	18.00%	416,578.18	136,545.07	2,867,446.48	
404(1)a	Reinforcing Steel, Grade 40	AS EVALUATED												
		AS SUBMITTED	0.73%	11,008.57	kg.	480,854.34	36,478.73	42,549.65	559,882.72	18.00%	100,778.89	33,033.08	693,694.69	
404(1)b	Reinforcing Steel, Grade 60	AS EVALUATED												
		AS SUBMITTED	11.77%	169,639.39	kg.	7,766,100.43	562,129.05	655,680.58	8,983,910.06	18.00%	1,617,103.81	530,050.69	11,131,064.57	
405(1)b2	Structural Concrete, Class "A"	AS EVALUATED												
		AS SUBMITTED	11.73%	1,203.76	cu.m.	6,368,040.87	1,823,428.26	760,589.74	8,952,058.87	18.00%	1,611,370.60	528,171.47	11,091,600.94	
406(1)f8	Prestressed Structural Concrete Member, Type IV-B	AS EVALUATED												
		AS SUBMITTED	11.99%	16.00	each	5,535,730.59	1,107,951.36	2,512,731.94	9,156,413.89	18.00%	1,648,154.50	540,228.42	11,344,796.81	
407(8)	Lean Concrete	AS EVALUATED												
		AS SUBMITTED	0.14%	24.63	cu.m.	91,968.42	4,313.97	12,182.17	108,464.56	18.00%	19,523.62	6,399.41	134,387.59	
412(1)	Elastomeric Bearing Pad	AS EVALUATED												
		AS SUBMITTED	0.69%	32.00	each	517,177.28	3,772.78	3,200.00	524,150.06	18.00%	94,347.01	30,924.85	649,421.92	
413(3)b	Premolded Expansion Joint Filler with Sealant	AS EVALUATED												
		AS SUBMITTED	0.01%	9.72	cu.m.	4,860.00	95.34	9.53	4,964.87	18.00%	893.68	292.93	6,151.48	
413(7)a1	Expansion Dam for Bridges (Steel)	AS EVALUATED												
		AS SUBMITTED	1.73%	3.00	set	208,169.86	224,973.75	886,754.48	1,319,898.09	18.00%	237,581.66	77,873.99	1,635,353.73	
414(1)	Forms and Falsework	AS EVALUATED												
		AS SUBMITTED	1.10%	1.00	L.S.	485,625.00	216,396.75	134,179.28	836,201.03	18.00%	150,516.18	49,335.86	1,036,053.07	
	TOTAL OF PART F	AS EVALUATED												
		AS SUBMITTED	81.66%			43,027,931.16	6,700,215.20	12,614,894.46	62,343,040.82		11,221,747.35	3,678,239.41	77,243,027.58	
PART G	Drainage and Slope Protection Structures													
505(2)a	Grouted Riprap, Class "A"	AS EVALUATED												
		AS SUBMITTED	2.08%	492.00	cu.m.	1,215,814.16	234,766.66	139,391.87	1,589,972.69	18.00%	286,195.08	93,808.39	1,969,976.16	
508(1)	Hand Laid Rock Embankment	AS EVALUATED												
		AS SUBMITTED	1.87%	1,046.90	cu.m.	1,209,169.50	199,818.87	19,981.89	1,428,970.26	18.00%	257,214.65	84,309.25	1,770,494.15	
	TOTAL OF PART G	AS EVALUATED												
		AS SUBMITTED	3.95%			2,424,983.66	434,585.53	159,373.75	3,018,942.94		543,409.73	178,117.63	3,740,470.31	
PART H	Miscellaneous Structure													
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED												
		AS SUBMITTED	0.10%	98.00	sq.m.	66,347.96	1,950.74	4,367.93	72,676.63	18.00%	13,081.79	4,287.92	90,046.35	
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS EVALUATED												
		AS SUBMITTED	0.08%	74.00	sq.m.	55,668.63	1,480.56	3,298.24	60,447.42	18.00%	10,880.54	3,566.40	74,894.36	
	TOTAL OF PART H	AS EVALUATED												
		AS SUBMITTED	0.17%			122,016.60	3,441.29	7,666.17	133,124.06		23,962.33	7,854.32	164,940.70	
	GRAND TOTAL	AS EVALUATED												
		AS SUBMITTED	100.00%			50,889,313.18	7,624,016.41	17,831,133.77	76,344,463.35		13,496,596.98	4,492,053.02	94,333,113.35	





**DPWH REGIONAL OFFICE IX**  
**Construction of New Bridge- Along Labangan-Pagadian City-Dumalinao Road**  
**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	1,118,636.23		88,874.59	60,375.54	149,250.13	1,267,886.36
PART B	Other General Requirements	AS EVALUATED						
		AS SUBMITTED	894,555.19		28,093.45	46,132.43	74,225.88	968,781.07
PART C	Earthworks	AS EVALUATED						
		AS SUBMITTED	3,697,660.01		665,578.80	218,161.94	883,740.74	4,581,400.75
PART D	Subbase and Base Courses	AS EVALUATED						
		AS SUBMITTED	1,090,578.13		196,304.06	64,344.11	260,648.17	1,351,226.30
PART E	Surface Courses	AS EVALUATED						
		AS SUBMITTED	4,047,925.98		728,626.68	238,827.63	967,454.31	5,015,380.29
PART F	Bridge Construction	AS EVALUATED						
		AS SUBMITTED	62,343,040.82		11,221,747.35	3,678,239.41	14,899,986.76	77,243,027.58
PART G	Drainage and Slope Protection Structures	AS EVALUATED						
		AS SUBMITTED	3,018,942.94		543,409.73	178,117.63	721,527.36	3,740,470.31
PART H	Miscellaneous Structure	AS EVALUATED						
		AS SUBMITTED	133,124.06		23,962.33	7,854.32	31,816.65	164,940.70
TOTAL		AS EVALUATED						
		AS SUBMITTED	76,344,463.35		13,496,596.98	4,492,053.02	17,988,650.00	94,333,113.35

**Preparation and Submission:**

Prepared by:

  
**GERIC 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

  
**KHADAFY D. TANGGOL**  
Assistant Regional Director

Approved:

  
**CAYAMOMBABO D. DIA, CESO IV**  
Regional Director



**DPWH REGIONAL OFFICE IX**  
**Construction of New Bridge- Along Labangan-Pagadian City-Dumalinao Road**  
**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	18.00%	65,746.05	21,550.10	87,296.15	452,552.01	452,552.01
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.	289,106.67	8.00%	23,128.53	15,611.76	38,740.29	327,846.96	327,846.96
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	AS EVALUATED									
		AS SUBMITTED	6.87	month	464,273.70	0.00%	-	23,213.69	23,213.69	487,487.39	70,993.31
	<b>TOTAL OF PART A</b>	AS EVALUATED									
		AS SUBMITTED			1,118,636.23		88,874.59	60,375.54	149,250.13	1,267,886.36	
<b>PART B</b>	<b>Other General Requirements</b>										
B.4(1)	Construction Survey & Staking	AS EVALUATED									
		AS SUBMITTED	0.49	km.	21,758.93	18.00%	3,916.61	1,283.78	5,200.39	26,959.32	55,019.02
B.5	Project Billboard/Signboard	AS EVALUATED									
		AS SUBMITTED	4.00	each	16,347.38	18.00%	3,302.53	1,082.50	4,385.02	22,732.40	5,683.10
B.7	Occupation Safety & Health	AS EVALUATED									
		AS SUBMITTED	6.87	month	260,928.88	8.00%	20,874.31	14,090.16	34,964.47	295,893.35	43,091.26
B.9	Mobilization & Demobilization	AS EVALUATED									
		AS SUBMITTED	1.00	L.S.	593,520.00	0.00%	-	29,676.00	29,676.00	623,196.00	623,196.00
	<b>TOTAL OF PART B</b>	AS EVALUATED									
		AS SUBMITTED			894,555.19		28,093.45	46,132.43	74,225.88	968,781.07	
<b>PART C</b>	<b>Earthworks</b>										
102(2)	Surplus Common Excavation	AS EVALUATED									
		AS SUBMITTED	22,924.00	cu.m.	3,280,542.08	18.00%	590,497.57	193,551.98	784,049.56	4,064,591.63	177.31
103(2)a	Bridge Excavation, Common Soil	AS EVALUATED									
		AS SUBMITTED	394.38	cu.m.	91,628.92	18.00%	16,493.20	5,406.11	21,899.31	113,528.23	287.87
103(2)b	Bridge Excavation, Soft Rock	AS EVALUATED									
		AS SUBMITTED	823.01	cu.m.	286,718.01	18.00%	51,609.24	16,916.36	68,525.60	355,243.62	431.64
105(1)a	Subgrade Preparation	AS EVALUATED									
		AS SUBMITTED	2,416.00	sq.m.	38,771.00	18.00%	6,978.78	2,287.49	9,266.27	48,037.27	19.88
	<b>TOTAL OF PART C</b>	AS EVALUATED									
		AS SUBMITTED			3,697,660.01		665,578.80	218,161.94	883,740.74	4,581,400.75	
<b>PART D</b>	<b>Subbase and Base Course</b>										
200(1)	Aggregate Subbase Course	AS EVALUATED									
		AS SUBMITTED	1,387.00	cu.m.	1,090,578.13	18.00%	196,304.06	64,344.11	260,648.17	1,351,226.30	974.21
	<b>TOTAL OF PART D</b>	AS EVALUATED									
		AS SUBMITTED			1,090,578.13		196,304.06	64,344.11	260,648.17	1,351,226.30	

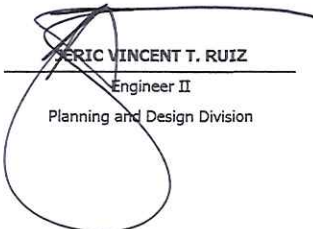


ITEM NO.	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
<b>PART E</b>	<b>Surface Courses</b>										
311(1)a	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	1,106.00	sq.m.	821,694.87	18.00%	147,905.08	48,480.00	196,385.07	1,018,079.94	920.51
311(1)e1	Portland Cement Concrete Pavement	AS EVALUATED									
		AS SUBMITTED	2,391.00	sq.m.	3,226,231.11	18.00%	580,721.60	190,347.64	771,069.24	3,997,300.35	1,671.81
	<b>TOTAL OF PART E</b>	AS EVALUATED									
		AS SUBMITTED			<b>4,047,925.98</b>		<b>728,626.68</b>	<b>238,827.63</b>	<b>967,454.31</b>	<b>5,015,380.29</b>	
<b>PART F</b>	<b>Bridge Construction</b>										
400(1)a1	Precast Concrete Piles, furnished (400 mm x 400 mm)	AS EVALUATED									
		AS SUBMITTED	3,720.00	m.	13,575,551.87	18.00%	2,443,599.34	800,957.56	3,244,556.90	16,820,108.76	4,521.53
400(6)	Structural Steel Sheet Piles, furnished	AS EVALUATED									
		AS SUBMITTED	2,934.00	ln.m.	7,015,119.30	18.00%	1,262,721.47	413,892.04	1,676,613.51	8,691,732.81	2,962.42
400(12)	Structural Steel Sheet Piles, driven	AS EVALUATED									
		AS SUBMITTED	2,376.00	ln.m.	2,334,753.51	18.00%	420,255.63	137,750.46	558,006.09	2,892,759.60	1,217.49
400(14)	Precast Concrete Piles, driven (soft strata)	AS EVALUATED									
		AS SUBMITTED	3,565.00	m.	5,526,812.59	18.00%	994,826.27	326,081.94	1,320,908.21	6,847,720.80	1,920.82
400(16)a	Test Piles, furnished and driven	AS EVALUATED									
		AS SUBMITTED	120.00	m.	387,570.97	18.00%	69,762.77	22,866.69	92,629.46	480,200.43	4,001.67
401(2)a	Concrete Railing	AS EVALUATED									
		AS SUBMITTED	240.60	m.	742,965.22	18.00%	133,733.74	43,834.95	177,568.69	920,533.91	3,825.99
402(1)	Timber Structure	AS EVALUATED									
		AS SUBMITTED	18.00	span	2,314,323.23	18.00%	416,578.18	136,545.07	553,123.25	2,867,446.48	159,302.58
404(1)a	Reinforcing Steel, Grade 40	AS EVALUATED									
		AS SUBMITTED	11,008.57	kg.	559,882.72	18.00%	100,778.89	33,033.08	133,811.97	693,694.69	63.01
404(1)b	Reinforcing Steel, Grade 60	AS EVALUATED									
		AS SUBMITTED	169,639.59	kg.	8,983,910.06	18.00%	1,617,103.81	530,050.69	2,147,154.50	11,131,064.57	65.62
405(1)b2	Structural Concrete, Class "A"	AS EVALUATED									
		AS SUBMITTED	1,203.76	cu.m.	8,952,058.87	18.00%	1,611,370.60	528,171.47	2,139,542.07	11,091,600.94	9,214.13
406(1)f8	Prestressed Structural Concrete Member, Type IV-B	AS EVALUATED									
		AS SUBMITTED	16.00	each	9,156,413.89	18.00%	1,648,154.50	540,228.42	2,188,382.92	11,344,796.81	709,049.80
407(8)	Lean Concrete	AS EVALUATED									
		AS SUBMITTED	24.63	cu.m.	108,464.56	18.00%	19,523.62	6,399.41	25,923.03	134,387.59	5,456.26
412(1)	Elastomeric Bearing Pad	AS EVALUATED									
		AS SUBMITTED	32.00	each	524,150.06	18.00%	94,347.01	30,924.85	125,271.86	649,421.92	20,294.44
413(3)b	Premolded Expansion Joint Filler with Sealant	AS EVALUATED									
		AS SUBMITTED	9.72	cu.m.	4,964.87	18.00%	893.68	292.93	1,186.60	6,151.48	632.87
413(7)a1	Expansion Dam for Bridges (Steel)	AS EVALUATED									
		AS SUBMITTED	3.00	set	1,319,898.09	18.00%	237,581.66	77,873.99	315,455.64	1,635,353.73	545,117.91
414(1)	Forms and Falsework	AS EVALUATED									
		AS SUBMITTED	1.00	L.S.	836,201.03	18.00%	150,516.18	49,335.86	199,852.04	1,036,053.07	1,036,053.07
	<b>TOTAL OF PART E</b>	AS EVALUATED									
		AS SUBMITTED			<b>62,343,040.82</b>		<b>11,221,747.35</b>	<b>3,678,239.41</b>	<b>14,899,986.76</b>	<b>77,243,027.58</b>	

ITEM NO.	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
<b>PART G</b>	<b>Drainage and Slope Protection Structures</b>										
505(2)a	Grouted Riprap, Class "A"	AS EVALUATED									
		AS SUBMITTED	492.00	cu.m.	1,589,972.69	18.00%	286,195.08	93,808.39	380,003.47	1,969,976.16	4,004.02
508(1)	Hand Laid Rock Embankment	AS EVALUATED									
		AS SUBMITTED	1,046.90	cu.m.	1,428,970.26	18.00%	257,214.65	84,309.25	341,523.89	1,770,494.15	1,691.18
	<b>TOTAL OF PART G</b>	AS EVALUATED									
		AS SUBMITTED			3,018,942.94		543,409.73	178,117.63	721,527.36	3,740,470.31	
<b>PART H</b>	<b>Miscellaneous Structure</b>										
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED									
		AS SUBMITTED	98.00	sq.m.	72,676.63	18.00%	13,081.79	4,287.92	17,369.72	90,046.35	918.84
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS EVALUATED									
		AS SUBMITTED	74.00	sq.m.	60,447.42	18.00%	10,880.54	3,566.40	14,446.93	74,894.36	1,012.09
	<b>TOTAL OF PART H</b>	AS EVALUATED									
		AS SUBMITTED			133,124.06		23,962.33	7,854.32	31,816.65	164,940.70	
	<b>GRAND TOTAL</b>	AS EVALUATED									
		AS SUBMITTED			76,344,463.35		13,496,596.98	4,492,053.02	17,988,650.00	94,333,113.35	

**Preparation and Submission:**

Prepared by:

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

Checked/Submitted by:

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

**Evaluation:**

Reviewed by:

  
**SATURNINO C. TORRE FRANCA**  
 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. 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
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. 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
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				80,649.84
C.2				
Total (A.2+B.2) - As Evaluated				1.00
D.1				
Output per Hour - As Submitted				
D.2				
Direct Unit Cost (C.1 +D.1) - As Submitted				80,649.84
E.1				
Direct Unit Cost (C.2 +D.2) - As Evaluated				-
E.2				
<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	c.u.m.	3.50	750.00	2,625.00
b. Selected Fill	c.u.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	c.u.m.	21.00	750.00	15,750.00
c. Washed Sand	c.u.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	c.u.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. Anyu- 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.	Pullins 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	lm.m.	10.00	189.00	1,890.00
c.	Pre-painted flashing, ga. 24	lm.m.	2.00	189.00	378.00
d.	Tekscrew 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 tangulie	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
<b>Equipment</b>					
<b>F.2</b>					
Sub-Total for F-2 As Evaluated					
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				365,255.86
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated				
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				36,525.59
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				21,550.10
J.2	Value Added Tax - As Evaluated				
K.1	Total Unit Cost - As Submitted				452,552.01
K.2	Total Unit Cost - As Evaluated				

Prepared by:

 ERIC VINCENT T. RUIZ

Engineer II

Checked/Reviewed

 ISIDRA AL ESTANISLAO

Engineer IV


Item No./Description : A.1.1(11)  
Unit of Measurement : Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field  
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				-
A.2 Labor				
Sub-Total for A-2 As Evaluated				
B.1 Equipment	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Sub-Total for B-1 As Submitted				-
B.2 Equipment				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				-
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				-
E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
<b>Materials</b>				
<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 (Folders, Bond Paper, Yellow Pads, Ball Pens, Pencils, Envelopes, etc.)	L.S.	1.00	45,000.00	45,000.00
g. Kitchenware	L.S.	1.00	30,000.00	30,000.00
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.	6.87	3,000.00	20,600.00
b. Water Bill	mo.	6.87	1,500.00	10,300.00
c. LPG (11 kg)	mo.	6.87	1,000.00	6,866.67
Sub-Total for F-1 As Submitted				289,106.67
Equipment				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				289,106.67
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				23,128.53
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				15,611.76
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				327,846.96
K.2 Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
ERIC VINCENT T. RUIZ  
Engineer II

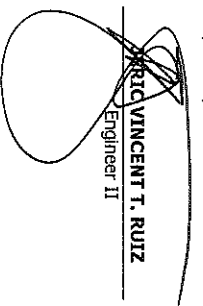
  
ISIDRA A. ESTANISLAO  
Engineer IV

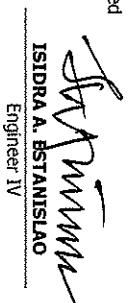
Item No./Description : A.1.2(5)  
Unit of Measurement : Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer  
Output per hour-As Submitted : 6.87 month  
Output per hour-As Evaluated : 1.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1				
Labor				
a. Driver	1	1,648.00	62.43	102,886.70
Sub-Total for A-1 As Submitted				102,886.70
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				
Sub-Total for B-1 As Submitted				-
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				102,886.70
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				102,886.70
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Diesel	L	6,180.00	41.00	253,380.00
b. Spare Parts	L.S.	1.00	40,000.00	40,000.00
c. Engine Oil & Lubricants	L.S.	1.00	38,007.00	38,007.00
d. Miscellaneous	L.S.	1.00	30,000.00	30,000.00
Sub-Total for F-1 As Submitted				361,387.00
Equipment				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				464,273.70
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				-
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				23,213.69
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				487,487.39
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. BSTANISLAO  
Engineer IV



Item No./Description : B.4(1)  
Construction Survey & Staking  
Unit of Measurement : 0.49 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
<b>Labor</b>				
Sub-Total for A-2 As Evaluated				
<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>B.1</b>				
Equipment				
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
<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				1,335.24
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				-
<b>D.1</b>				
Output per Hour - As Submitted				0.04
<b>D.2</b>				
Output per Hour - As Evaluated				
<b>E.1</b>				
Direct Unit Cost (C.1 + D.1) - As Submitted				33,380.99
<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>F.1</b>				
Materials				
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
<b>Equipment</b>				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>				
Direct Unit Cost (E.1+F.1) - As Submitted				44,405.99
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				4,440.60
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				3,552.48
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				2,619.95
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				55,019.02
<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 : 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				-
<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				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
<b>F.1</b>				
Materials				
a. Ordinary Plywood 1/2" thk. x 4' x 8'	pc.	4.00	691.00	2,764.00
b. Tarpaulin (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				1,834.74
<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				1,082.50
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				22,732.40
<b>K.2</b>				
Total Unit Cost - As Evaluated				-

Prepared by:  
  
RIC VINCENT T. RUIZ  
Engineer II

Checked/Reviewed  
  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : B.7  
Occupation Safety & Health  
Unit of Measurement : 6.87 month  
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. Safety Practitioner	1	824.00	86.51	71,282.18
b. First Aider	1	1648.00	62.43	102,886.70
Sub-Total for A-1 As Submitted				174,168.88
Labor				
<b>A.2</b>				
Sub-Total for A-2 As Evaluated				
<b>B.1</b>				
Equipment				
a. Warning Signs and Barricades	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
Sub-Total for B-1 As Submitted				60,000.00
Equipment				60,000.00
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				234,168.88
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				1.00
<b>D.1</b>				
Output per Hour - As Submitted				
<b>D.2</b>				
Output per Hour - As Evaluated				234,168.88
<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>F.1</b>				
Materials	Unit	Quantity	Unit Cost	Amount (Php.)
a. Rubber Boots (Long w/ Steel Toe, Black)	pair	24.00	400.00	9,600.00
b. Working Gloves (Maiong 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				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>				
Direct Unit Cost (E.1+F.1) - As Submitted				260,928.88
<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				20,874.31
<b>I.1</b>				
Contractor's Profit - As Submitted				
<b>I.2</b>				
Contractor's Profit - As Evaluated				14,090.16
<b>J.1</b>				
Value Added Tax - As Submitted				
<b>J.2</b>				
Value Added Tax - As Evaluated				295,893.35
<b>K.1</b>				
Total Unit Cost - As Submitted				
<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.9  
Mobilization & Demobilization  
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.)
A.1				
Labor				
Sub-Total for A-1 As Submitted				-
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	1	48	1,537.00	73,776.00
b. Dump Truck	1	48	1,420.00	68,160.00
c. Payloader	1	48	1,733.00	83,184.00
d. Water Truck/Pump	1	48	2,450.00	117,600.00
e. Bulldozer	1	48	3,379.00	162,192.00
f. Roller	1	48	1,846.00	88,608.00
Sub-Total for B-1 As Submitted				593,520.00
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1 +B.1) - As Submitted				593,520.00
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				593,520.00
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				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				593,520.00
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				-
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				29,676.00
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				623,196.00
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

JERIC VINCENT T. RUIZ  
Engineer II

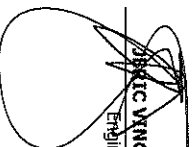
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : 102(2)  
Surplus Common Excavation  
Unit of Measurement : 22,924.00 cu.m.  
Output per hour-As Submitted : 60.00  
Output per hour-As Evaluated :

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. 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				14.31
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				8.44
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				177.31
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
JERIC VINCENT T. RUIZ  
Engineer II

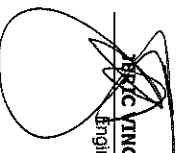
  
ISIDRA A. ESTANISLAO  
Engineer IV


Item No./Description : 103(2)a  
Bridge Excavation, Common Soil  
Unit of Measurement : 394.38 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>A.1</b>				
Labor				
a. Foreman	1	1	86.51	86.51
b. Skilled Laborer	1	1	62.43	62.43
c. Unskilled Laborer	2	1	48.14	96.27
Sub-Total for A-1 As Submitted				245.21
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>B.1</b>				
Equipment				
a. Dump Truck (12 cu.yd.)	2	1	1,420.00	2,840.00
b. Backhoe (0.80 cum.)	1	1	1,537.00	1,537.00
Minor Tools 10% of Labor				24.52
Sub-Total for B-1 As Submitted				4,401.52
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				4,646.73
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				-
<b>D.1</b>				
Output per Hour - As Submitted				20.00
<b>D.2</b>				
Output per Hour - As Evaluated				
<b>E.1</b>				
Direct Unit Cost (C.1 + D.1) - As Submitted				232.34
<b>E.2</b>				
Direct Unit Cost (C.2 + D.2) - As Evaluated				
<b>F.1</b>				
Materials				
Sub-Total for F-1 As Submitted				-
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				232.34
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				23.23
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				18.59
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				13.71
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				287.87
<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 : 103(2)b  
Bridge Excavation, Soft Rock  
Unit of Measurement : 823.01 cu.m.  
Output per hour-As Submitted : 14.00  
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	1	86.51	86.51
b. Skilled Laborer	1	1	62.43	62.43
c. Unskilled Laborer	2	1	48.14	96.27
Sub-Total for A-1 As Submitted				245.21
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. Dump Truck (12 cu.yd.)	2	1	1,420.00	2,840.00
b. Backhoe (0.80 cu.m.)	1	0.5	1,537.00	768.50
b. Backhoe w/ Breaker (0.80 cu.m.)	1	0.5	1,998.10	999.05
Minor Tools 10% of Labor				24.52
Sub-Total for B-1 As Submitted				4,632.07
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				4,877.28
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				-
<b>D.1</b>				
Output per Hour - As Submitted				14.00
<b>D.2</b>				
Output per Hour - As Evaluated				
<b>E.1</b>				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				348.38
<b>E.2</b>				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
<b>F.1</b>				
Materials				
Sub-Total for F-1 As Submitted				-
<b>F.2</b>				
Equipment				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>				
Direct Unit Cost (E.1+F.1) - As Submitted				348.38
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				34.84
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				27.87
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				20.55
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				431.64
<b>K.2</b>				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
**ERIC VINCENT T. RUIZ**  
Engineer II

  
**ISIDRA AL ESTANISLAO**  
Engineer IV



Item No./Description : 105(1)a  
Subgrade Preparation  
Unit of Measurement : 2,416.00 sq.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				
Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
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				
Sub-Total for B-2 As Evaluated				
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				
E.1 Direct Unit Cost (C.1 + D.1) - As Submitted				16.05
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				
G.1 Direct Unit Cost (E.1 +F.1) - As Submitted				16.05
G.2 Direct Unit Cost (E.2 +F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				1.60
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				1.28
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				0.95
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				19.88
K.2 Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
JESIC VINCENT T. RUIZ  
Engineer II

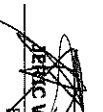
  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : 200(1)  
Aggregate Subbase Course  
Unit of Measurement : 1,387.00 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.)
<b>A.1</b>				
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				
<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. 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>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				4,814.28
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				-
<b>D.1</b>				
Output per Hour - As Submitted				50.00
<b>D.2</b>				
Output per Hour - As Evaluated				
<b>E.1</b>				
Direct Unit Cost (C.1 + D.1) - As Submitted				96.29
<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>F.1</b>				
Materials				
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				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>				
Direct Unit Cost (E.1+F.1) - As Submitted				786.29
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				78.63
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				62.90
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				46.39
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				974.21
<b>K.2</b>				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

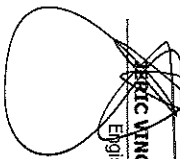
  
JERIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : 311(1)a  
Portland Cement Concrete Pavement  
Unit of Measurement : 1,106.00 sq.m.  
Output per hour-As Submitted : 107.33  
Output per hour-As Evaluated :

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	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 5% of Labor				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				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				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
<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
<b>Materials</b>				
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				74.29
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				43.83
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				920.51
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 : 311(1)e1  
Portland Cement Concrete Pavement  
Unit of Measurement : 2,391.00 sq.m.  
Output per hour-As Submitted : 57.50  
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	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				
<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. Transit Mixer (5 cum.)	4	1	1,318.00	5,272.00
b. Concrete Vibrator	2	1	91.25	182.50
c. Concrete Batching Plant (30 cum.)	1	1	1,759.50	1,759.50
d. Payloader (1.50 cum.), 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>B.2</b>				
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				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
<b>F.1</b>				
Materials				
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	cum.	0.154	800.00	123.20
f. Gravel	cum.	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
Materials				
<b>F.2</b>				
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				134.93
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				79.61
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				1,671.81
K.2 Total Unit Cost - As Evaluated				-

Prepared by:  
**VINCENT T. RUIZ**  
Engineer II

Checked/Reviewed  
**ISIDRA A. ESTANISLAO**  
Engineer IV



Item No./Description : 400(1)a1  
Unit of Measurement : Precast Concrete Piles, furnished (400 mm x 400 mm)  
Output per hour-As Submitted : 3,720.00 m.  
Output per hour-As Evaluated : 2.50

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	4	1	62.43	249.73
b. Unskilled Laborer	8	1	48.14	385.09
Sub-Total for A-1 As Submitted				721.32
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. Payloader (1.50 cu.m.), LX80-2C	1	0.5	1,733.00	866.50
b. Concrete Vibrator	1	0.1	91.25	9.13
c. Plate Compactor (5 hp), for Casting Bed	1	0.28	123.00	34.44
d. Bar Bender	1	0.28	351.50	98.42
e. Bar Cutter	1	0.28	219.75	61.53
Minor Tools 10% of Labor Cost				72.13
Sub-Total for B-1 As Submitted				1,142.15
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				1,863.47
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				2.50
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 + D.1) - As Submitted				745.39
E.2				
Direct Unit Cost (C.2 + D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Ready Mix Concrete, Class "A" - 27.60 Mpa	cu.m.	0.168	4,060.00	682.08
b. Reinforcing Steel Bar	kg.	40.45	42.00	1,698.90
c. #16 G.I. Tie Wire (2% of RSB)	kg.	0.809	80.00	64.72
d. Coco Lumber	bd.ft.	15.333	13.00	199.33
e. Marine Plywood, 1/2" x 4' x 8' - 4 uses	pc.	0.268	790.00	52.93
f. Assorted CWN (1 kg/100 bd.ft. of Lumber)	kg.	0.163	65.00	10.60
Casting Bed				
a. Ready Mix Concrete, Class "B"	cu.m.	0.03	3,980.00	119.40
b. Coco Lumber	bd.ft.	1.00	37.00	37.00
c. Base Course	cu.m.	0.06	650.00	39.00
Sub-Total for F-1 As Submitted				2,903.95
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				3,649.34
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				364.93
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				291.95
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				215.31
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				4,521.53
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 : 400(6)  
Unit of Measurement : Structural Steel Sheet Piles, furnished  
Output per hour-As Submitted : 2,994.00 In.m.  
Output per hour-As Evaluated : 72.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	1	86.51	86.51
b. Skilled Laborer	2	1	62.43	124.86
b. Unskilled Laborer	2	1	48.14	96.27
Sub-Total for A-1 As Submitted				307.64
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. Truck Mounted Crane (41 - 45 mt)	1	1	2,606.00	2,606.00
Minor Tools 10% of Labor Cost				30.76
Sub-Total for B-1 As Submitted				2,636.76
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
Total (A.1+B.1) - As Submitted				2,944.41
Total (A.2+B.2) - As Evaluated				-
Output per Hour - As Submitted				72.00
Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 + D.1) - As Submitted				40.89
E.2 Direct Unit Cost (C.2 + D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Steel Sheet Pile KSP II (delivered at site)	kg.	48.00	48.00	2,304.00
Miscellaneous 2% of Materials Cost				46.08
Sub-Total for F-1 As Submitted				2,350.08
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				2,390.97
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				239.10
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				191.28
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				141.07
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				2,962.42
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 : 400(12)  
Structural Steel Sheet Piles, driven  
Unit of Measurement : 2,376.00 In.m.  
Output per hour-As Submitted : 10.00  
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	1	86.51	86.51
b. Skilled Laborer	6	1	62.43	374.59
b. Unskilled Laborer	6	1	48.14	288.82
Sub-Total for A-1 As Submitted				749.91
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. Truck Mounted Crane (41 - 45 mt)	1	1	2,606.00	2,606.00
b. Vibro Hammer (272.22 hp)	1	1	3,069.00	3,069.00
c. Generator Set (700 kW)	1	1	2,147.27	2,147.27
d. Welding Machine (500 A), Electric Driven	1	1	391.00	391.00
e. Cutting Outfit	1	0.5	45.45	22.73
Minor Tools				74.99
Sub-Total for B-1 As Submitted				8,310.99
<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				9,060.90
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				-
<b>D.1</b>				
Output per Hour - As Submitted				10.00
<b>D.2</b>				
Output per Hour - As Evaluated				
<b>E.1</b>				
Direct Unit Cost (C.1 + D.1) - As Submitted				906.09
<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. Welding Rod (1 kg./2000 kg. Steel)	kg.	0.024	163.00	3.91
b. Oxy/Acetylene (1 set/5000 kg. Steel)	set	0.0096	2,500.00	24.00
c. Coco Log - 2 uses	m.	0.18	350.00	31.50
d. Good Lumber - 4 uses	bd.ft.	1.55	37.00	14.34
e. Assorted CMN (1 kg./100 bd.ft. Of Lumber)	kg.	0.02	65.00	1.30
Miscellaneous				1.50
Sub-Total for F-1 As Submitted				76.55
<b>Materials</b>				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>				
Direct Unit Cost (E.1+F.1) - As Submitted				982.64
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				98.26
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				78.61
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				57.98
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				1,217.49
<b>K.2</b>				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
JERIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description	400(14)
Unit of Measurement	Precast Concrete Piles, driven (soft strata)
Output per hour-As Submitted	3,565.00 m,
Output per hour-As Evaluated	2.40

Designation		No. of Persons	No. of Hours	Hourly Rate	Amount (Php.)
Labor					
a. Foreman		1	1	86.51	86.51
b. Skilled Laborer		6	1	62.43	374.59
b. Unskilled Laborer		6	1	48.14	288.82
Sub-Total for A-1 As Submitted					749.91
Labor					
A.2					
Sub-Total for A-2 As Evaluated					
Name and Capacity		No. of Units	No. of Hours	Hourly Rate	Amount (Php.)
Equipment					
a. Truck Mounted Crane (41 - 45 mt)		1	0.53	2,606.00	1,381.18
b. Diesel Hammer (K25 or equivalent)		1	0.27	1,286.00	347.22
c. Drop Hammer		1	0.13	200.00	26.00
d. Cutting Outfit		1	0.20	45.45	9.09
e. Jack Hammer		2	0.20	150.00	60.00
f. Air Compressor (356 - 450 cfm)		1	0.20	965.00	193.00
Minor Tools 10% of Labor Cost					74.99
Sub-Total for B-1 As Submitted					2,091.48
Equipment					
B.2					
Sub-Total for B-2 As Evaluated					
C.1 Total (A.1 + B.1) - As Submitted					2,841.39
C.2 Total (A.2 + B.2) - As Evaluated					-
D.1 Output per Hour - As Submitted					2.40
D.2 Output per Hour - As Evaluated					
E.1 Direct Unit Cost (C.1 + D.1) - As Submitted					1,183.91
E.2 Direct Unit Cost (C.2 + D.2) - As Evaluated					
Name and Specification		Unit	Quantity	Unit Cost	Amount (Php.)
Materials					
a. Coco Logs - 2 uses		m.	1.00	350.00	175.00
b. Good Lumber - 4 uses		bd.ft.	16.00	37.00	148.00
c. Nail/Spike (1 kg./100 bd.ft. Of Lumber)		kg.	0.16	70.00	11.20
d. Oxy/Acetylene		set	0.01	2,500.00	25.00
Miscellaneous 2% of Material Cost					7.18
Sub-Total for F-1 As Submitted					366.38
Materials					
F.2					
Sub-Total for F-2 As Evaluated					
G.1 Direct Unit Cost (E.1 + F.1) - As Submitted					1,550.30
G.2 Direct Unit Cost (E.2 + F.2) - As Evaluated					-
H.1 Overhead, Contingencies & Miscellaneous (OCH) - As Submitted					155.03
H.2 Overhead, Contingencies & Miscellaneous (OCH) - As Evaluated					-
I.1 Contractor's Profit - As Submitted					124.02
I.2 Contractor's Profit - As Evaluated					-
J.1 Value Added Tax - As Submitted					91.47
J.2 Value Added Tax - As Evaluated					-
K.1 Total Unit Cost - As Submitted					1,920.82
K.2 Total Unit Cost - As Evaluated					-

Prepared by:

Checked/Reviewed

~~SPRIG VINCENT T. RUIZ~~  
Engineer II

ISIDRA A. ESTANISLAO  
Engineer IV



Item No./Description : 400(16)a  
Unit of Measurement : Test Piles, furnished and driven  
Output per hour-As Submitted : 120.00 m.  
Output per hour-As Evaluated : 2.40

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	6	1	62.43	374.59
b. Unskilled Laborer	6	1	48.14	288.82
Sub-Total for A-1 As Submitted				749.91
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. Truck Mounted Crane (41 - 45 m)	1	0.53	2,606.00	1,381.18
b. Diesel Hammer (K25 or equivalent)	1	0.27	1,286.00	347.22
c. Drop Hammer	1	0.13	200.00	26.00
d. Cutting Outfit	1	0.20	45.45	9.09
e. Jack Hammer	2	0.20	150.00	60.00
f. Air Compressor (356 - 450 cfm)	1	0.20	965.00	193.00
Minor Tools 10% of Labor Cost				74.99
Sub-Total for B-1 As Submitted				2,091.48
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				2,841.39
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				2.40
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted				1,183.91
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. Coco Logs - 2 uses	m.	2.00	350.00	350.00
b. Good Lumber - 2 uses	bd.ft.	16.00	37.00	296.00
c. Nail/Spike (1 kg/100 bd.ft. Of Lumber)	kg.	0.16	70.00	11.20
d. Oxyl/Acetylene	set	0.01	2,500.00	25.00
e. Fabricated RC Pile (delivered at site)	m.	1.00	1,350.00	1,350.00
Miscellaneous 2% of Material Cost				13.64
Sub-Total for F-1 As Submitted				2,045.84
<b>Materials</b>				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				3,229.76
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				322.98
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				258.38
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				190.56
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				4,001.67
K.2 Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
ERIC VINCENT T. RUIZ  
Engineer II

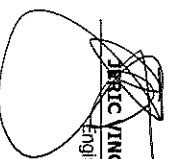
  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : 401(2)a  
Concrete Railing  
Unit of Measurement : 240.60 m.  
Output per hour-As Submitted : 0.88  
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	4	1	62.43	249.73
b. Unskilled Laborer	8	1	48.14	385.09
Sub-Total for A-1 As Submitted				721.32
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. Concrete Vibrator	1	0.10	91.25	9.13
b. Bar Cutter	1	0.10	219.75	21.98
c. Bar Bender	1	0.10	351.50	35.15
d. Cutting Outfit	1	0.10	45.45	4.55
Minor Tools 10% of Labor Cost				72.13
Sub-Total for B-1 As Submitted				142.93
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1 Total (A.1+B.1) - As Submitted				864.25
C.2 Total (A.2+B.2) - As Evaluated				-
D.1 Output per Hour - As Submitted				0.88
D.2 Output per Hour - As Evaluated				
E.1 Direct Unit Cost (C.1 + D.1) - As Submitted				982.10
E.2 Direct Unit Cost (C.2 + D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
a. Ready Mix Concrete	cu.m.	0.117	3,980.00	465.66
b. Reinforcing Steel Bar	kg.	30.434	40.00	1,217.36
c. Plywood 1/2" x 4' x 8' - 3 uses	pc.	0.725	691.00	166.99
d. Coco Lumber - 3 uses	bd.ft.	20.60	20.00	137.33
e. Assorted CMN (1 kg./100 bd.ft. Of Lumber)	kg.	0.206	65.00	13.39
f. Tie Wire (2% of RSB)	kg.	0.609	80.00	48.72
g. Oxy/Acetylene (1 kg./5000 kg. Of Steel)	kg.	0.006	2,520.00	15.12
Miscellaneous 2% of Material Cost				41.29
Sub-Total for F-1 As Submitted				2,105.87
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1 Direct Unit Cost (E.1+F.1) - As Submitted				3,087.97
G.2 Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				308.80
H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1 Contractor's Profit - As Submitted				247.04
I.2 Contractor's Profit - As Evaluated				-
J.1 Value Added Tax - As Submitted				182.19
J.2 Value Added Tax - As Evaluated				-
K.1 Total Unit Cost - As Submitted				3,825.99
K.2 Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
JERIC VINCENT T. RUIZ  
Engineer II


  
ISIDRA A. ESTANISLAO  
Engineer IV

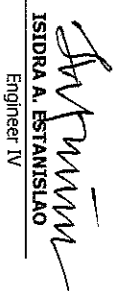
Item No./Description : 402(1)  
Timber Structure  
Unit of Measurement : 18.00 span  
Output per hour-As Submitted : 0.125  
Output per hour-As Evaluated :

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	6	1	62.43	374.59
b. Unskilled Laborer	6	1	48.14	288.82
Sub-Total for A-1 As Submitted				749.91
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. Truck Mounted Crane	1	1.00	2,606.00	2,606.00
b. Drop Hammer	1	0.50	200.00	100.00
c. Cargo Truck	2	0.50	1,212.00	1,212.00
Minor Tools 10% of Labor Cost				74.99
Sub-Total for B-1 As Submitted				3,992.99
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
Total (A.1 + B.1) - As Submitted				4,742.90
C.1				
Total (A.2+B.2) - As Evaluated				-
C.2				
Output per Hour - As Submitted				0.13
D.1				
Output per Hour - As Evaluated				
D.2				
Direct Unit Cost (C.1 + D.1) - As Submitted				37,943.23
E.1				
Direct Unit Cost (C.2 + D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
F.1				
a. Coco Trunks	pc.	48.00	575.00	27,600.00
b. 5" x 10" x 12' Coco Lumber	bd.ft.	2,500.000	20.00	50,000.00
c. 4" x 10" x 12' Coco Lumber	bd.ft.	640.00	20.00	4,266.67
d. 25 mm dia. X 40 mm dia. Mach. Bolts	pc.	10.00	100.00	1,000.00
with Standard Nuts & Washers				
e. 25 mm dia. X 500 mm. Steel Bars	kgs.	184.85	42.00	7,763.62
Sub-Total for F-1 As Submitted				90,630.28
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				128,573.51
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				12,857.35
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				10,285.88
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				7,585.84
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				159,302.58
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 : 404(1)a  
Reinforcing Steel, Grade 40  
Unit of Measurement : 11,008.57 Kg.  
Output per hour-As Submitted : 180.00  
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
A.1				
a. Foreman	1	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				
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. Service Crane (21 - 25 mt.)	1	0.15	1,522.00	228.30
b. Cargo Truck (9 - 10 mt.)	1	0.15	1,212.00	181.80
c. Bar Cutter	1	0.50	219.75	109.88
d. Bar Bender	1	0.50	351.50	175.75
Sub-Total for B-1 As Submitted				695.73
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				1,292.19
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				180.00
D.2				
Output per Hour - As Evaluated				7.18
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				
a. Tie Wire (2% of RSB)	kg.	0.021	80.00	1.68
b. Reinforcing Steel Bar (with 5% wastage)	kg.	1.05	40.00	42.00
Sub-Total for F-1 As Submitted				43.68
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				50.86
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				5.09
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				4.07
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				3.00
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				63.01
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
JERIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV

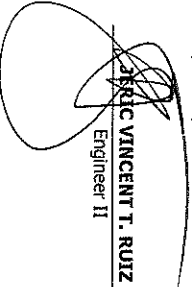


Item No./Description : 404(1)b  
Unit of Measurement : Reinforcing Steel, Grade 60  
Output per hour-As Submitted : 169,639.59 kg.  
Output per hour-As Evaluated : 180.00

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. Service Crane (21 - 25 mt.)	1	0.15	1,522.00	228.30
b. Cargo Truck (9 - 10 mt.)	1	0.15	1,212.00	181.80
c. Bar Cutter	1	0.50	219.75	109.88
d. Bar Bender	1	0.50	351.50	175.75
Sub-Total for B-1 As Submitted				695.73
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				1,292.19
<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				7.18
<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>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.	0.021	80.00	1.68
b. Reinforcing Steel Bar	kg.	1.05	42.00	44.10
(with 5% wastage)				
Sub-Total for F-1 As Submitted				45.78
<b>Materials</b>				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>				
Direct Unit Cost (E.1+F.1) - As Submitted				52.96
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				5.30
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				4.24
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				3.12
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				65.62
<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 : 405(1)P2  
Structural Concrete, Class "A"  
Unit of Measurement : 1,203.76 cu.m.  
Output per hour-As Submitted : 10.00  
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. Skilled Laborer	4	1	62.43	249.73
c. Unskilled Laborer	8	1	48.14	385.09
A.1				
Installation/Removal of Formworks				
a. Foreman	1	20	86.51	1,730.15
a. Skilled Laborer	4	20	62.43	4,994.50
b. Unskilled Laborer	8	20	48.14	7,701.80
Sub-Total for A-1 As Submitted				15,147.77
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. Transit Mixer (5 cu.m.)	2	1	1,318.00	2,636.00
b. Concrete Vibrator	2	1	91.25	182.50
c. Batchng Plant (30 cu.m.)	1	0.5	1,739.50	879.75
d. Payloader (1.50 cu.m.), LX80-2C	1	0.5	1,733.00	866.50
e. Water Truck/Pump (16000 L)	1	0.25	2,450.00	612.50
f. Crawler Crane w/ Bucket (36 - 40 mt.)	1	0.5	2,282.40	1,141.20
Sub-Total for B-1 As Submitted				6,318.45
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				21,466.22
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				10.00
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				2,146.62
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
Materials				
a. Lumber, Good - 4 uses	bd.ft.	100.00	37.00	925.00
b. Ordinary Plywood (1/2" x 4' x 8') - 4 uses	pc.	1.50	691.00	259.13
c. Assorted CWM	kg.	1.00	65.00	65.00
d. Cement	bag	10.50	272.00	2,856.00
e. Sand	cu.m.	0.50	800.00	400.00
f. Gravel	cu.m.	1.00	750.00	750.00
f. Curing Compound	L.	1.00	35.00	35.00
Sub-Total for F-1 As Submitted				5,290.13
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				7,436.75
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				743.67
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				594.94
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				438.77
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				9,214.13
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 : 406(1)R  
Unit of Measurement : Prestressed Structural Concrete Member, Type IV-B  
Output per hour-As Submitted : 16.00 each  
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. Foreman	1	96	86.51	8,304.72
b. Skilled Laborer	4	96	62.43	23,973.60
c. Unskilled Laborer	8	96	48.14	36,968.64
Sub-Total for A-1 As Submitted				69,246.96
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>Equipment</b>				
a. Truck Mounted Crane with Bucket (41 - 45 mt.)	1	32.00	3,127.20	100,070.40
b. Payloader (1.50 cu.m.), LX80-2C	1	7.00	1,733.00	12,131.00
c. Stressing (Jack) Machine	1	9.00	2,500.00	22,500.00
d. Bar Cutter	1	14.00	219.75	3,076.50
e. Bar Bender	1	14.00	351.50	4,921.00
f. Cutting Outfit	1	7.00	45.45	318.15
g. Concrete Vibrator	2	5.00	91.25	912.50
h. Plate Compactor (5 hp)	2	7.00	123.00	1,722.00
i. Grouting Machine, Air Driven	1	2.00	866.25	1,732.50
j. Welding Machine (500 A), Electric Driven	1	7.00	391.00	2,737.00
Minor Tools 10% of Labor				6,924.70
Sub-Total for B-1 As Submitted				157,045.75
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b> Total (A.1+B.1) - As Submitted				226,292.71
<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				226,292.71
<b>E.2</b> Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
<b>Materials</b>				
a. Ready Mix Concrete, 5000 psi	cu.m.	17.86	4,600.00	82,156.00
b. Reinforcing Steel Bar	kg	2,214.45	42.00	93,006.90
c. PSC Wire Strands (12.70 mm φ)	kg	930.27	55.00	51,164.85
d. Oxy/Acetylene (1 set/5000 kg Steel)	set	0.63	2,500.00	1,575.00
e. The Wire (2% of RSB)	kg	62.89	80.00	5,031.20
f. Good Lumber - 2 uses	bd-ft.	2,143.20	37.00	39,649.20
g. Marine Plywood, 1/2" x 4' x 8' - 2 uses	pc	35.72	790.00	14,109.40
h. Assorted CMN (1 kg/100 bd-ft. of Lumber)	kg	21.43	1,392.95	29,855.00
i. Duct Tube Galvanized Metal (50 mm φ)	m	99.00	250.00	24,750.00
j. Anchorage Block (Steel) with accessories	pc	6.00	1,800.00	10,800.00
k. Steel Block	pc	2.00	300.00	600.00
l. Packing Tape	roll	3.00	45.00	135.00
m. Rubber Hose	m	17.00	33.00	561.00
n. Cement (Grouting & Packaging)	bag	4.90	277.00	1,352.80
o. Welding Rod (1 kg/2000 kg of Steel)	kg	1.57	163.00	255.91
Miscellaneous (1% of Materials Cost)				3,175.20
Casting Bed				
a. Ready Mix Concrete, 3000 psi	cu.m.	4.05	3,980.00	16,119.00
b. Coco Lumber	bd-ft.	315.00	20.00	6,300.00
c. Base Course	cu.m.	4.44	600.00	2,664.00
d. Assorted CMN (1 kg/100 bd-ft. of Lumber)	kg	3.15	65.00	204.75
Sub-Total for F-1 As Submitted				345,983.16
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				572,275.87
<b>G.2</b> Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b> Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				57,227.59
<b>H.2</b> Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b> Contractor's Profit - As Submitted				45,782.07
<b>I.2</b> Contractor's Profit - As Evaluated				-
<b>J.1</b> Value Added Tax - As Submitted				33,764.28
<b>J.2</b> Value Added Tax - As Evaluated				-
<b>K.1</b> Total Unit Cost - As Submitted				709,049.80
<b>K.2</b> Total Unit Cost - As Evaluated				-

Prepared by:

  
JERIC VINCENT T. RUIZ  
Engineer II

Checked/Reviewed

  
ISIDRA A. ESTANISLAO  
Engineer IV

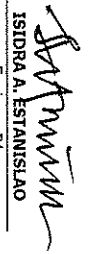
Item No./Description : 407(8)  
Unit of Measurement : Lean Concrete  
Output per hour-As Submitted : 24.63 cu.m.  
Output per hour-As Evaluated : 1.40

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	1	1	62.43	62.43
c. Unskilled Laborer	2	1	48.14	96.27
Sub-Total for A-1 As Submitted				245.21
Labor				
<b>A.2</b>				
Sub-Total for A-2 As Evaluated				
<b>B.1</b>				
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
Sub-Total for B-1 As Submitted				692.45
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				937.66
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				-
<b>D.1</b>				
Output per Hour - As Submitted				1.40
<b>D.2</b>				
Output per Hour - As Evaluated				
<b>E.1</b>				
Direct Unit Cost (C.1 ÷ D.1) - As Submitted				659.76
<b>E.2</b>				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
<b>F.1</b>				
Materials				
a. Cement	bag	9.50	272.00	2,584.00
b. Sand	cu.m.	0.50	800.00	400.00
c. Gravel	cu.m.	1.00	750.00	750.00
Sub-Total for F-1 As Submitted				3,734.00
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				4,403.76
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				440.38
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				352.30
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				259.82
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				5,456.26
<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 : 412(1)  
Unit of Measurement : Elastomeric Bearing Pad  
Output per hour-As Submitted : 32.00 each  
Output per hour-As Evaluated : 1.00

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
Labor				
a. Foreman	1	0.25	86.51	21.63
b. Unskilled Laborer	2	1	48.14	96.27
Sub-Total for A-1 As Submitted				117.90
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				
a. Wood/Steel Ladder	1	1	100.00	100.00
Sub-Total for B-1 As Submitted				100.00
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				217.90
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				217.90
E.2				
Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
a. Elastomeric Bearing Pad	each	1.00	16,150.00	16,150.00
Miscellaneous 10% of Labor				11.79
Sub-Total for F-1 As Submitted				16,161.79
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				16,379.69
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				1,637.97
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				1,310.38
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				966.40
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				20,294.44
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
ERIC VINCENT T. RUIZ  
Engineer II

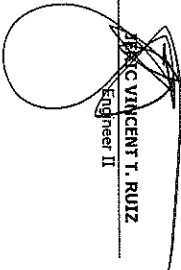
  
ISIDRA B. ESTANISLAO  
Engineer IV

Item No./Description : 413(3)b  
Unit of Measurement : Premolded Expansion Joint Filler with Sealant  
Output per hour-As Submitted : 9.72 cu.m.  
Output per hour-As Evaluated : 25.00

Item No./Description	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	1	1	62.43	62.43
	b. Unskilled Laborer	2	1	48.14	96.27
	Sub-Total for A-1 As Submitted				245.21
A.2	Labor				
	Sub-Total for A-2 As Evaluated				
B.1	Equipment				
	Minor Tools 10% of Labor Cost				24.52
	Sub-Total for B-1 As Submitted				24.52
B.2	Equipment				
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				269.73
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				
E.1	Direct Unit Cost (C.1 + D.1) - As Submitted				10.79
E.2	Direct Unit Cost (C.2 + D.2) - As Evaluated				
F.1	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
	Materials				
	a. Joint Filler	each	1.00	500.00	500.00
	Sub-Total for F-1 As Submitted				500.00
F.2	Materials				
	Sub-Total for F-2 As Evaluated				
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				510.79
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				51.08
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1	Contractor's Profit - As Submitted				40.86
I.2	Contractor's Profit - As Evaluated				-
J.1	Value Added Tax - As Submitted				30.14
J.2	Value Added Tax - As Evaluated				-
K.1	Total Unit Cost - As Submitted				632.87
K.2	Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
JERIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA ALESTANISLAO  
Engineer IV



Item No./Description : 413(7)a1  
Unit of Measurement : Expansion Dam for Bridges (Steel)  
Output per hour-As Submitted : 3.00 set  
Output per hour-As Evaluated : 0.01

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	6	1	62.43	374.59
b. Unskilled Laborer	6	1	48.14	288.82
Sub-Total for A-1 As Submitted				749.91
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. Truck Mounted Crane	1	1	2,606.00	2,606.00
b. Welding Machine	2	0.33	371.00	244.86
c. Cutting Outfit	2	0.33	45.45	30.00
Minor Tools 10% of Labor Cost				74.99
Sub-Total for B-1 As Submitted				2,955.85
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				3,705.76
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				-
<b>D.1</b>				
Output per Hour - As Submitted				0.01
<b>D.2</b>				
Output per Hour - As Evaluated				
<b>E.1</b>				
Direct Unit Cost (C.1 + D.1) - As Submitted				370,576.08
<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. Structural Steel - MS Plate	kg.	899.22	47.00	42,263.34
b. Structural Steel - Angular Bar	kg.	446.51	48.00	21,432.48
c. 20 mm Plain (Rod) Bar	kg.	25.44	40.00	1,017.60
d. Welding Rod	kg.	0.75	163.00	122.25
e. Oxy/Acetylene	set	0.50	2,500.00	1,250.00
Miscellaneous 5% of Material Cost				3,304.28
Sub-Total for F-1 As Submitted				69,389.95
<b>Materials</b>				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b>				
Direct Unit Cost (E.1+F.1) - As Submitted				439,866.03
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				43,996.60
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				35,197.28
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				25,958.00
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				545,117.91
<b>K.2</b>				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
ERIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV

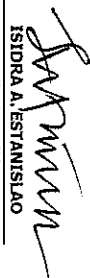
Item No./Description : 414(1).  
Forms and Falsework  
Unit of Measurement : 1.00 L.S.  
Output per hour-As Submitted :  
Output per hour-As Evaluated :

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
<b>A.1</b>				
Labor				
a. Foreman	1	300	86.51	25,952.25
b. Skilled Laborer	4	300	62.43	74,917.50
b. Unskilled Laborer	8	300	48.14	115,527.00
Sub-Total for A-1 As Submitted				216,396.75
Labor				
<b>A.2</b>				
Sub-Total for A-2 As Evaluated				
<b>Equipment</b>				
a. H-Frame 1.7 m x 1.2m, set	224	240	0.76	40,857.60
2 pcs H-frames				
4 pcs diagonal cross braces				
4 pcs horizontal braces				
<b>B.1</b>				
8 pcs joint pins	112	240	0.11	2,856.00
b. Adjustable U-Head Jack	112	240	0.11	2,856.00
c. Adjustable Base Jack	698	240	0.31	52,350.00
d. G.I Pipe Schedule 40 (75 mm dia.) x 6m. Long	454	240	0.13	13,620.00
e. Swivel Clamp				21,639.68
Minor Tools 10% of Labor				
Sub-Total for B-1 As Submitted				134,179.28
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b>				
Total (A.1+B.1) - As Submitted				350,576.03
<b>C.2</b>				
Total (A.2+B.2) - As Evaluated				-
<b>D.1</b>				
Output per Hour - As Submitted				-
<b>D.2</b>				
Output per Hour - As Evaluated				350,576.03
<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				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
<b>F.1</b>				
Materials				
a. Good Lumber, 4 uses	bd.ft.	50,000.00	37.00	462,500.00
Consumables (5% of Materials Cost)				23,125.00
Sub-Total for F-1 As Submitted				485,625.00
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				836,201.03
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				83,620.10
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				66,896.08
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				49,335.86
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				1,036,053.07
<b>K.2</b>				
Total Unit Cost - As Evaluated				-

Prepared by:


Checked/Reviewed

  
JENIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : 505(2)a  
Unit of Measurement : Grouted Riprap, Class "A"  
Output per hour-As Submitted : 492.00 cu.m.  
Output per hour-As Evaluated : 1.25

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				
<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
Minor Tools 10% of Labor				59.65
Sub-Total for B-1 As Submitted				354.15
Equipment				
<b>B.2</b>				
Sub-Total for B-2 As Evaluated				
<b>C.1</b> Total (A.1+B.1) - As Submitted				950.61
<b>C.2</b> Total (A.2+B.2) - As Evaluated				-
<b>D.1</b> Output per Hour - As Submitted				1.25
<b>D.2</b> Output per Hour - As Evaluated				
<b>E.1</b> Direct Unit Cost (C.1 ÷ D.1) - As Submitted				760.48
<b>E.2</b> Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
<b>F.1</b>				
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				
<b>F.2</b>				
Sub-Total for F-2 As Evaluated				
<b>G.1</b> Direct Unit Cost (E.1+F.1) - As Submitted				3,231.65
<b>G.2</b> Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b> Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				323.17
<b>H.2</b> Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b> Contractor's Profit - As Submitted				258.53
<b>I.2</b> Contractor's Profit - As Evaluated				-
<b>J.1</b> Value Added Tax - As Submitted				190.67
<b>J.2</b> Value Added Tax - As Evaluated				-
<b>K.1</b> Total Unit Cost - As Submitted				4,004.02
<b>K.2</b> Total Unit Cost - As Evaluated				-

Prepared by:  
  
**ERIC VINCENT T. RUIZ**  
Engineer II

Checked/Reviewed  
  
**ISIDORA A. ESTANISLAO**  
Engineer IV

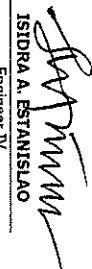
Item No./Description : 508(1)  
Unit of Measurement : Hand Laid Rock Embankment  
Output per hour-As Submitted : 1,046.90 cu.m.  
Output per hour-As Evaluated : 3.125

Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
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				
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				
Minor Tools 10% of Labor				59.65
Sub-Total for B-1 As Submitted				59.65
Equipment				
B.2				
Sub-Total for B-2 As Evaluated				
C.1				
Total (A.1+B.1) - As Submitted				656.11
C.2				
Total (A.2+B.2) - As Evaluated				-
D.1				
Output per Hour - As Submitted				3.13
D.2				
Output per Hour - As Evaluated				
E.1				
Direct Unit Cost (C.1 + D.1) - As Submitted				209.95
E.2				
Direct Unit Cost (C.2 + D.2) - As Evaluated				
Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1				
Materials				
a. Boulder	cu.m.	1.05	1,100.00	1,155.00
Sub-Total for F-1 As Submitted				1,155.00
Materials				
F.2				
Sub-Total for F-2 As Evaluated				
G.1				
Direct Unit Cost (E.1+F.1) - As Submitted				1,364.95
G.2				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
H.1				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				136.50
H.2				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
I.1				
Contractor's Profit - As Submitted				109.20
I.2				
Contractor's Profit - As Evaluated				-
J.1				
Value Added Tax - As Submitted				80.53
J.2				
Value Added Tax - As Evaluated				-
K.1				
Total Unit Cost - As Submitted				1,691.18
K.2				
Total Unit Cost - As Evaluated				-

Prepared by:

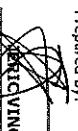
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ERIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV

Item No./Description : 612(1),  
Unit of Measurement : ReflectORIZED Thermoplastic Pavement Markings (White)  
Output per hour-As Submitted : 98.00 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				
<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. 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
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				
<b>Name and Specification</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Amount (Php.)</b>
<b>Materials</b>				
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.)	cyl.	0.00	3,450.00	13.80
e. LPG (12 kg.)	cyl.	0.00	828.00	1.66
f. Calsumine	kg.	0.13	100.00	12.50
Miscellaneous 5% of Material Cost				32.24
Sub-Total for F-1 As Submitted				677.02
<b>Materials</b>				
<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				74.16
<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				43.75
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				918.84
<b>K.2</b>				
Total Unit Cost - As Evaluated				-

Prepared by:  
  
ERIC VINCENT T. RUIZ  
Engineer II

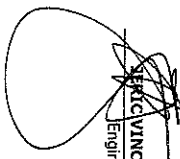
Checked/Reviewed  
  
ISIDRA A. ESTANISLAO  
Engineer IV

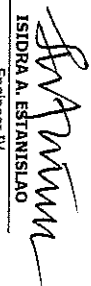
Item No./Description : 612(2)  
Unit of Measurement : ReflectORIZED Thermoplastic Pavement Markings (Yellow)  
Output per hour-As Submitted : 74.00 sq.m.  
Output per hour-As Evaluated : 25.00

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
b. 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				
<b>Name and Capacity</b>				
<b>Equipment</b>				
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				
<b>Name and Specification</b>				
<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.)	cyl.	0.00	3,450.00	13.80
e. LPG (12 kg.)	cyl.	0.00	828.00	1.66
f. Calsumine	kg.	0.13	100.00	12.50
Miscellaneous				35.82
Sub-Total for F-1 As Submitted				752.28
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				816.86
<b>G.2</b>				
Direct Unit Cost (E.2+F.2) - As Evaluated				-
<b>H.1</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Submitted				81.69
<b>H.2</b>				
Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated				-
<b>I.1</b>				
Contractor's Profit - As Submitted				65.35
<b>I.2</b>				
Contractor's Profit - As Evaluated				-
<b>J.1</b>				
Value Added Tax - As Submitted				48.19
<b>J.2</b>				
Value Added Tax - As Evaluated				-
<b>K.1</b>				
Total Unit Cost - As Submitted				1,012.09
<b>K.2</b>				
Total Unit Cost - As Evaluated				-

Prepared by:

Checked/Reviewed

  
ERIC VINCENT T. RUIZ  
Engineer II

  
ISIDRA A. ESTANISLAO  
Engineer IV