19J00098

DPWH RE[illegible]NAL OFFICE IX

PROGRAM OF WORKS/BUDGET COST

Project	: CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN	Net Length	: (a) Road	580.00 ln.m. = 1.160	lane.km.
			(b) Bridge		
Project ID	:		(c) Others		
Location	: TUBURAN, BASILAN	Target Start Date	:		
Station Limits	: Sta. 0 000.00 - Sta. 0 + 580.00	Total Project Duration	:	135	CD
Appropriation	: Php 20,000,000.00	No. of Pre-determined	:	27	CD
Source of Fund	:	Unworkable Days		12	CD

DESCRIPTION OF WORKS TO BE DONE		QUANTITY	UNIT	AS SUBMITTED		AS EVALUATED	
				% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST
Part A:	Facilities for the Engineer			6.78	1,040,090.83		
B:	Other General Requirements			1.48	226,833.89		
C:	Earthworks			9.14	1,401,656.88		
D:	Subbase and Base Course			31.71	4,861,500.14		
E:	Surface Courses			47.67	7,308,568.62		
F:	Bridge Construction			0.00	-		
G:	Drainage and Slope Protection Structures			0.71	108,255.60		
H:	Miscellaneous Structures			2.52	385,627.51		
	Total			**100.00**	**15,332,533.47**		

EQUIPMENT:

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

BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	485,829.74	
2. Materials	12,406,927.86	
3. Rental of Equipment	2,439,775.87	
4. Provisional Sum / Daywork		
5. OCM and Profit	2,953,422.33	
6. Value Added Tax	914,297.79	
7. EAO, %	672,008.88	
8. RROW Acquisition	127,737.53	
9. Physical Reserved (Contingency)		
10.TOTAL ESTIMATED COST	**20,000,000.00**	

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	15,332,533.47	
B. OCM and Profit	2,953,422.33	
C. Value Added Tax	914,297.79	
D. Total Construction Cost	19,200,253.59	
E. Eng'g & Administrative Overhead, %	672,008.88	
F. RROW Acquisition	127,737.53	
G. Physical Reserved (Contingency)	-	
H. TOTAL ESTIMATED COST	**20,000,000.00**	

Preparation and Submission:

Prepared by:

JOSEPHINE B. RENGQUIJO
Engineer II
DPWH RO9

Checked/Submitted by:

PIO MARIO T. LACASTESANTOS
Engineer III
DPWH RO9

Evaluation:

Reviewed as to Unit Cost:

SATURNINO C. TORREFRANCA
OIC-Chief, Planning & Design Division
DPWH RO9

Approval:

Recommending Approval:

KHADAFFY D. TANGGOL
Assistant Regional Director
DPWH RO9

Approved:

CAYAMOMBAO D. DIA, CESO IV
Regional Director
DPWH RO9

DPWH REGIONAL OFFICE IX

CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN

TUBURAN, BASILAN

APPROVED BUDGET FOR THE CONTRACT

Contract Duration : 135

ITEM NO.	DESCRIPTION		ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
				%	VALUE				
PART A	FACILITIES FOR THE ENGINEER	AS EVALUATED							
		AS SUBMITTED	1,040,090.83		121,861.21	58,097.60	179,958.81	1,220,049.64	
PART B	OTHER GENERAL REQUIREMENTS	AS EVALUATED							
		AS SUBMITTED	226,833.89		18,439.38	12,263.66	30,703.04	257,536.93	
PART C	EARTHWORKS	AS EVALUATED							
		AS SUBMITTED	1,401,656.88		280,331.38	84,099.41	364,430.79	1,766,087.67	
PART D	SUBBASE AND BASE COURSE	AS EVALUATED							
		AS SUBMITTED	4,861,500.14		972,300.03	291,690.01	1,263,990.04	6,125,490.18	
PART E	SURFACE COURSE	AS EVALUATED							
		AS SUBMITTED	7,308,568.62		1,461,713.72	438,514.12	1,900,227.84	9,208,796.46	
PART F	BRIDGE CONSTRUCTION	AS EVALUATED							
		AS SUBMITTED	-		-	-	-	-	
PART G	DRAINAGE AND SLOPE PROTECTION	AS EVALUATED							
		AS SUBMITTED	108,255.60		21,651.12	6,495.34	28,146.46	136,402.06	
PART H	MISCELLANEOUS STRUCTURES	AS EVALUATED							
		AS SUBMITTED	385,627.51		77,125.50	23,137.65	100,263.15	485,890.66	
TOTAL		AS EVALUATED							
		AS SUBMITTED	15,332,533.47		2,953,422.33	914,297.79	3,867,720.12	19,200,253.59	

Preparation and Submission:

Prepared by:

JOSEPHINE B. RENGQUIJO
Engineer II
DPWH RO9

Checked/Submitted by:

PIO MARIO T. LAGASTESANTOS
Engineer III
DPWH RO9

Evaluation:

Reviewed as to Unit Cost:

SATURNINO C. TORREFRANCA
OIC-Chief, Planning & Design Division
DPWH RO9

Approval:

Recommending Approval:

KHADAFFY D. TANGGOL
Assistant Regional Director
DPWH RO9

Approved:

CAYAMOMBAO D. DIA, CESO IV
Regional Director
DPWH RO9

DPWH REGIONAL OFFICE IX

CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN

TUBURAN, BASILAN

APPROVED BUDGET FOR THE CONTRACT

Contract Duration :

ITEM NO.	DESCRIPTION		QUANTITY	UNIT	ESTIMATED DIRECT COST	TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				
PART A	FACILITIES FOR THE ENGINEER										
A.1.1(3)	Construction of Field Office for the Engineer (7.0m. X 9.0 m.)	AS EVALUATED									
		AS SUBMITTED	1.00	L.S.	532,794.03	20%	106,558.81	31,967.64	138,526.45	671,320.48	671,320.48
A.1.1(11)	Provision of Furnitures/Fixtures,Equipment and Appliances for theField Office for the Engineers	AS EVALUATED									
		AS SUBMITTED	1.00	L. S.	191,280.00	8%	15,302.40	10,329.12	25,631.52	216,911.52	216,911.52
A. 1.2	Operation and Maintenance of Gov't Service Vehicle	AS EVALUATED									
		AS SUBMITTED	1.00	L.S.	316,016.80	0%	-	15,800.84	15,800.84	331,817.64	331,817.64
	TOTAL OF PART A	AS EVALUATED									
		AS SUBMITTED			1,040,090.83		121,861.21	58,097.60	179,958.81	1,220,049.64	
PART B	OTHER GENERAL REQUIREMENTS										
B.5	Project Billboard/Signboard	AS EVALUATED									
		AS SUBMITTED	4.00	units	19,167.36	20%	3,833.47	1,150.04	4,983.51	24,150.87	6,037.72
B.4 (1)	Construction Survey and Staking	AS EVALUATED									
		AS SUBMITTED	0.58	km.	17,314.57	20%	3,462.91	1,038.87	4,501.79	21,816.35	37,614.40
B.7	Occupational Safety and Health Program	AS EVALUATED									
		AS SUBMITTED	1.00	L. S.	105,537.40	8%	8,442.99	5,699.02	14,142.01	119,679.41	119,679.41
B.8(2)	Traffic Management	AS EVALUATED									
		AS SUBMITTED	1.00	L.S.	33,750.00	8%	2,700.00	1,822.50	4,522.50	38,272.50	38,272.50
B.9	Mobilization & Demobilization	AS EVALUATED									
		AS SUBMITTED	1.00	L. S.	51,064.56	0%	-	2,553.23	2,553.23	53,617.79	53,617.79
	TOTAL OF PART B	AS EVALUATED									
		AS SUBMITTED			226,833.89		18,439.38	12,263.66	30,703.04	257,536.93	

Preparation and Submission:

Prepared by:

JOSEPHINE B. RENGQUIJO
Engineer II
DPWH RO9

Checked/Submitted by:

PIO MARIO T. LACASTESANTOS
Engineer III
DPWH RO9

Evaluation:

Reviewed as to Unit Cost:

SATURNINO C. TORREFRANCA
OIC-Chief, Planning & Design Division
DPWH RO9

PART C	EARTHWORKS										
102(2)	Surplus Common Excavation	AS EVALUATED									
		AS SUBMITTED	8,985.00	cu.m.	1,283,391.94	20%	256,678.39	77,003.52	333,681.91	1,617,073.85	179.97
103(3)	Foundation Fill	AS EVALUATED									
		AS SUBMITTED	1.50	cu. m.	1,755.61	20%	351.12	105.34	456.46	2,212.07	1,474.71
103(6)a	Pipe Culvert and Drain Excavation	AS EVALUATED									
		AS SUBMITTED	23.50	cu.m.	5,419.99	20%	1,084.00	325.20	1,409.20	6,829.18	290.60
104(1)a1	Embankment from Roadway Excavation	AS EVALUATED									
		AS SUBMITTED	8.80	cu.m.	2,036.20	20%	407.24	122.17	529.41	2,565.62	291.55
105(1)a	Subgrade Preparation	AS EVALUATED									
		AS SUBMITTED	6,792.50	sq.m.	109,053.13	20%	21,810.63	6,543.19	28,353.82	137,406.95	20.23
	TOTAL OF PART C	AS EVALUATED									
		AS SUBMITTED			1,401,656.88		280,331.38	84,099.41	364,430.79	1,766,087.67	
PART D	SUBBASE AND BASE COURSE										
200(1)	Aggregate Subbase Course, 0.30 m. thick	AS EVALUATED									
		AS SUBMITTED	2,172.50	cu. m.	4,861,500.14	20%	972,300.03	291,690.01	1,263,990.04	6,125,490.18	2,819.56
	TOTAL OF PART D	AS EVALUATED									
		AS SUBMITTED			4,861,500.14		972,300.03	291,690.01	1,263,990.04	6,125,490.18	

Preparation and Submission:

Prepared by:

JOSEPHINE B. RENGQUIJO
Engineer II
DPWH RO9

Checked/Submitted by:

PIO MARIO T. LACASTESANTOS
Engineer III
DPWH RO9

Evaluation:

Reviewed as to Unit Cost:

SATURNINO C. TORREFRANCA
OIC-Chief, Planning & Design Division
DPWH RO9

PART E	SURFACE COURSES										
300(1)	Gravel Surface Course, 0.15m. Thick	AS EVALUATED									
		AS SUBMITTED	284.00	cu. m.	602,859.47	20%	120,571.89	36,171.57	156,743.46	759,602.93	2,674.66
311(1)a	Portland Cement Concrete Pavement, 0.15 m thick	AS EVALUATED									
		AS SUBMITTED	20.50	sq. m.	22,820.22	20%	4,564.04	1,369.21	5,933.26	28,753.48	1,402.61
311(1)c1	Portland Cement Concrete Pavement, 0.23m. Thk.	AS EVALUATED									
		AS SUBMITTED	3,975.00	sq. m.	6,682,888.94	20%	1,336,577.79	400,973.34	1,737,551.12	8,420,440.06	2,118.35
	TOTAL OF PART E	AS EVALUATED									
		AS SUBMITTED			7,308,568.62		1,461,713.72	438,514.12	1,900,227.84	9,208,796.46	
PART F	BRIDGE CONSTRUCTION										
	TOTAL OF PART F	AS EVALUATED									
		AS SUBMITTED			-		-	-	-	-	
PART G	DRAINAGE AND SLOPE PROTECTION STRUCTURES										
500(1)b3	Pipe Culvert & Strom Drain,910 mm dia.	AS EVALUATED									
		AS SUBMITTED	11.00	ln. m.	47,171.23	20%	9,434.25	2,830.27	12,264.52	59,435.75	5,403.25
505(2)a	Grouted Riprap, Class "A"	AS EVALUATED									
		AS SUBMITTED	4.00	cu. m.	16,331.08	20%	3,266.22	979.86	4,246.08	20,577.16	5,144.29
506(1)	Stone Masonry	AS EVALUATED									
		AS SUBMITTED	9.00	cu. m.	44,753.29	20%	8,950.66	2,685.20	11,635.85	56,389.14	6,265.46
	TOTAL OF PART G	AS EVALUATED									
		AS SUBMITTED			108,255.60		21,651.12	6,495.34	28,146.46	136,402.06	

Preparation and Submission:

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PART H	MISCELLANEOUS STRUCTURES										
612(1)	Reflectorized Thermoplastic Pavement Marking, White	AS EVALUATED									
		AS SUBMITTED	145.00	sq.m.	109,750.75	20%	21,950.15	6,585.05	28,535.20	138,285.95	953.70
612(2)	Reflectorized Thermoplastic Pavement Marking, Yellow	AS EVALUATED									
		AS SUBMITTED	2.00	sq.m.	1,651.16	20%	330.23	99.07	429.30	2,080.46	1,040.23
620(1)	Chevron	AS EVALUATED									
		AS SUBMITTED	13.00	sq.m.	274,225.60	20%	54,845.12	16,453.54	71,298.66	345,524.25	26,578.79
	TOTAL OF PART H	AS EVALUATED									
		AS SUBMITTED			385,627.51		77,125.50	23,137.65	100,263.15	485,890.66	
	GRAND TOTAL	AS EVALUATED									
		AS SUBMITTED			15,332,533.47		2,953,422.33	914,297.79	3,867,720.12	19,200,253.59	

Preparation and Submission:

Prepared by:

JOSEPHINE B. RENGQUIJO
Engineer II
DPWH RO9

Checked/Submitted by:

PIO MARIO T. [illegible]TESANTOS
Engineer III
DPWH RO9

Evaluation:

Reviewed as to Unit Cost:

SATURNINO C. TORREFRANCA
OIC-Chief, Planning & Design Division
DPWH RO9

CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

MINIMUM EQUIPMENT REQUIREMENT

No.	Equipment Description	Capacity	Number of Equipment	No.	Equipment Description	Capacity	Number of Equipment
1	Bulldozer (D6H SERIES II PSDS/DD)		1	31			
2				32			
3	Payloader (LX80-2C)	1.50 m3/1.95 yd3	2	33			
4	Motorized Road Grader (G710A)		2	34			
5	Vibratory Roller (SD100DC)	10mt	2	35			
6	Plate Compactor (400-500 GASOLINE ENGINE)		2	36			
7	Backhoe (SE 130 LC -2)		2	37			
8	Backhoe with Breaker (SE 130 - LC - 2)		2	38			
9	Concrete Screeder (Wacker Truss Screed)		2	39			
10	One Bagger Mixer	4-6ft3/min	2	40			
11	Transit Mixer (All Models)	5-6 ya3	4	41			
12	Dump Truck (All Models)	12 yd3	8	42			
13	Cargo/Service Truck (All Models)	9 - 10 mt	2	43			
14	Boom Truck (All Models)	2-5 mt	1	44			
15	Water Truck/pump (All Makes)	16000 L	1	45			
16	Water Pump, 100 mm suction dia.	50 (mm)	1	46			
17	Welding Machine (Gas /Diesel Driven)		1	47			
18	Concrete Vibrator		2	48			
19	Concrete Saw		2	49			
20	Bar Cutter		1	50			
21	Bar Bender		1	51			
22	Concrete Batch Plant		1	52			
23	Hydroseeding Machine			53			
24	Applicator Machine		1	54			
25	Kneading Machine		1	55			
26	Cutting Outfit		1	56			
27				57			
28				58			
29				59			
30				60			
	SUB-TOTAL				SUB-TOTAL		
					TOTAL		

CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : A.1.1(3) Construction of Field Office for the Engineer (7.00 m. x 8.00 m.)

Quantity : 1.00
Unit of Measurement : 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)
	Labor				
A.1	Const. Foreman	1	120.00	87.10	10,452.00
	Skilled Laborers	8	120.00	62.86	60,345.60
	Laborers	8	120.00	48.44	46,502.40
	Sub - Total for A.1 - As Submitted				117,300.00
	Labor				
A.2					
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (PhP)
	Equipment				
B.1	One Bagger Mixer	1	120.00	172.00	20,640.00
	Water Truck/Pump	1	8.00	2,450.00	19,600.00
					-
	Minor Tools (10% of Labor Cost)				11,730.00
	Sub - Total for B.1 - As Submitted				51,970.00
	Equipment				
B.2					
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				169,270.00
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				1.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				169,270.00
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	Unit	Quantity	Unit Cost	Amount (PhP)
	Materials				
					-
	Portland Cement	bag	220.00	309.86	68,169.43
	Crushed Gravel	cu.m.	15.00	1,862.10	27,931.50
	Washed Sand	cu.m.	25.00	2,562.10	64,052.50
	Reinforcng Steel Bars, Grade 60	kg.	800.00	40.00	32,000.00
	Tie Wire	kg.	35.00	102.00	3,570.00
	Lumber	bd.ft.	250.00	25.00	6,250.00
	Assorted CW Nails	kg.	20.00	76.00	1,520.00
	CHB6" thick	pc.	700.00	18.00	12,600.00
	Reinforcing Steel Bars, Grade 40	kg.	150.00	38.00	5,700.00
	D-1,Hollow Core Flush Type swing door,complete w/ accessories	set	1.00	934.00	934.00
	Angle Bars	kg.	640.00	48.00	30,720.00
	Purlins, C-150mm x 50 x 3mm	kg.	35.00	48.00	1,680.00
	16mm dia. Cross Bracing	kg.	65.00	57.00	3,705.00
	16mm dia. Turn Buckle	kg.	30.00	118.00	3,540.00
	12mm thl. Base Plate	kg.	45.00	50.00	2,250.00
	10mm thk. Batten plate	kg.	30.00	50.00	1,500.00
	10mm dia. Sag Rod	kg.	15.00	50.00	750.00
	20mm dia. X 350 mm Anchor Bolts	pc.	150.00	50.00	7,500.00
	Welding Rod	kg.	25.00	130.00	3,250.00
	Primer, Zinc Cromate	kg.	5.00	531.00	2,655.00
	Pre-painted G.I. Roofing Sht. Long Span	gal.	55.00	420.00	23,100.00
	Pre-painted Flashing Ridge Roll GA24x 0.60m.width	sq.m.	10.00	189.00	1,890.00
	Pre-painted flashing, GA 24	ln.m.	2.00	189.00	378.00
	Teckscrew 1-1/2"	ln.m.	1,000.00	1.25	1,250.00
	Roof Sealant	pc.	2.00	230.00	460.00
	Rough lumber,Sun dried Tanguile	bd.ft.	450.00	37.00	16,650.00
F.1	Finishing Nails	kg.	5.00	280.00	1,400.00
	2 x 40w Flourescent Lighting Fixtures	kg.	5.00	1,450.00	7,250.00
	Porcelain Ceiling Outlet w/ female	pc.	2.00	50.00	100.00
	Duplex Convenience Outlet	pc.	3.00	170.00	510.00
	Two gang Switch	pc.	3.00	132.00	396.00
	3.50mm2 THW	roll	1.00	3,600.00	3,600.00
	8.00mm2 THW	m	20.00	69.33	1,386.60
	15mm dia. PVC pipe	pc.	20.00	76.00	1,520.00
	15mm dia. PVC Coupling	pc.	20.00	5.00	100.00
	15mm dia. PVC Elbow	pc.	20.00	5.00	100.00

	15mm dia. PVC Clamp	pc.	50.00	8.00	400.00
	20mm dia. RSC pipe	pc.	4.00	240.00	960.00
	20mm dia. RCS Coupling	pc.	3.00	36.00	108.00
	20 mm dia. RSC Elbow	pc.	3.00	30.00	90.00
	20 mm dia. RSCClamp	pc.	10.00	18.00	180.00
	20mm dia. Service Entrance Cap	pc.	2.00	101.50	203.00
	Wire Holder	pc.	2.00	50.00	100.00
	Utility Box	pc.	7.00	32.00	224.00
	Octagon Box	pc.	50.00	34.00	1,700.00
	Electrical Tape	pc.	7.00	28.00	196.00
	Panel Boardside Main w/ braches	set	2.00	2,750.00	5,500.00
	Water Closet (complete w/ accessories & fittings)	set	1.00	6,062.00	6,062.00
	Lavatory (complete w/ fittings & accessories)	set	1.00	4,512.00	4,512.00
	1/2" GI pipe S-40	pc.	2.00	292.00	584.00
	1/2" Water Faucet	pc.	2.00	165.00	330.00
	1/2" Assorted Connector	pc.	8.00	19.00	152.00
	4" PVC Series 1000	pc.	1.00	640.00	640.00
	2" PVC Series 1000	pc.	1.00	305.00	305.00
	4" PVC Assorted Connector	pc.	6.00	77.00	462.00
	2" PVC Assorted Connector	pc.	8.00	56.00	448.00
					-
	Sub - Total for F.1 - As Submitted				363,524.03
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				532,794.03
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			15% / 12%/ 10% / 8% of G.1	63,935.28
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			15% / 12%/ 10% / 8% of G.2	-
I.1	Contractor's Profit (CP) - As Submitted			10% / 8% of G.1	42,623.52
I.2	Contractor's Profit (CP) - As Evaluated			10% / 8% of G.2	-
J.1	Value Added Tax (VAT) - As Submitted			5% of (G.1 + H.1 +I.1)	31,967.64
J.2	Value Added Tax (VAT) - As Evaluated			5% of (G.2 + H.2 +I.2)	-
K.1	Total Unit Cost - As Submitted			(G.1 + H.1 + I.1 + J.1)	671,320.48
K.2	Total Unit Cost - As Evaluated			(G.2 + H.2 + I.2 + J.2)	-

Prepared by:

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DPWH RO9

Checked/Reviewed by:

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DPWH RO9

CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : A.1.1(11) Provision of Furnitures/Fixtures,Equipment & Appliances for the Field for the Engineers

Quantity : 1.00
Unit of Measurement : 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				
					0.00
					0.00
					0.00
	Sub - Total for A.1 - As Submitted				0.00
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
					-
					-
					-
	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				1.00
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				
					-
	White Board, 3' x 6'	each	1.00	2,000.00	2,000.00
	8-sealer Monoblock Dining Table	unit	1.00	5,000.00	5,000.00
	Monoblock Chairs	pc.	6.00	500.00	3,000.00
	Plastic Pail & Basin	set	2.00	500.00	1,000.00
	Aluminum Cookware	set	1.00	3,000.00	3,000.00
	Plates, Glass, Spoon & Fork	doz.	1.00	2,000.00	2,000.00
	6' Sleeping Bed w/ pillows & blanket	pc.	3.00	5,000.00	15,000.00
	Office Table , Jr. Executive type w/ chair	set	1.00	7,000.00	7,000.00
	Drawing Table	each	1.00	4,000.00	4,000.00
	Computer Table	each	1.00	2,500.00	2,500.00
	Cartridge(Computer Printer/Ink)	each	6.00	1,000.00	6,000.00
	Bond paper(Long)	ream	8.00	350.00	2,800.00
	Bond Paper(short)	ream	8.00	300.00	2,400.00
	Pad paper	pads	6.00	50.00	300.00
	Scotch Tape	rolls	6.00	45.00	270.00
	Masking Tape	rolls	6.00	100.00	600.00
	Batteries Energizer	pc.	12.00	50.00	600.00
	Ballpen	box	3.00	250.00	750.00
	Pencils	box	2.00	150.00	300.00
	Paper Clips	box	2.00	45.00	90.00
	Fasteners	box	4.00	50.00	200.00
	Eraser(Ink, pencil)	box	2.00	120.00	240.00
	Staple Wire	box	6.00	150.00	900.00
	Cutter Blade	box	3.00	200.00	600.00
	Glue	bottles	6.00	50.00	300.00
	Correction Fluid Pen	bottles	12.00	50.00	600.00
	Brown Envelope, Long & Short	doz.	6.00	110.00	660.00
	Expanded Envelope, long	doz.	6.00	130.00	780.00
	Colored Pencil, 12's	set	6.00	150.00	900.00
	Folder, short	doz.	6.00	100.00	600.00
	Folder,long	doz.	6.00	120.00	720.00
	Pentel pen(Assorted Colors)	pcs.	12.00	50.00	600.00
	White Baord Marker(Assorted Colors)	pcs.	12.00	90.00	1,080.00
	Letter Envelope,White (long)	box	2.00	130.00	260.00
	Data File Folder	pcs.	6.00	150.00	900.00
	Sign Pen, Assorted	doz.	2.00	500.00	1,000.00
	Laptop	unit	1.00	60,000.00	60,000.00
	Computer Printer (Scanner & Phocopier)	unit	1.00	8,000.00	8,000.00
	Digital Camera	unit	1.00	10,000.00	10,000.00
	USB (32 GB)	unit	2.00	600.00	1,200.00
	Water dispenser	unit	1.00	5,000.00	5,000.00

	Electric Fan	pc.	3.00	2,000.00	6,000.00
	Steel Cabinet	unit	1.00	5,000.00	5,000.00
	Gas Stove w/ Tank	set	1.00	3,500.00	3,500.00
	Stove Tank Refill	tanks	6.00	850.00	5,100.00
	Wall Clock	unit	2.00	500.00	1,000.00
	Rice Cooker	unit	1.00	1,300.00	1,300.00
	Electric Airpot	unit	1.00	1,800.00	1,800.00
	Water Container	pc.	2.00	300.00	600.00
	Puncher	pc.	1.00	300.00	300.00
	Stapler	pc.	3.00	300.00	900.00
	Bulletin/Cork Board 2' x 3'	pc.	2.00	500.00	1,000.00
	Scissors	pc.	4.00	50.00	200.00
	Record Book (500 leaves)	pc.	6.00	130.00	780.00
	Folding Bed	pc.	3.00	1,800.00	5,400.00
	Bedsheets(Single)	pc.	6.00	500.00	3,000.00
	Rechargeable Lamps	unit	3.00	750.00	2,250.00
	Sub - Total for F.1 - As Submitted				**191,280.00**
F.2	**Materials**				
	Sub - Total for F.2 - As Evaluated				
G.1	**Direct Unit Cost (E.1 + F.1) - As Submitted**				**191,280.00**
G.2	**Direct Unit Cost (E.2 + F.2) - As Evaluated**				-
H.1	**Overhead, Contingencies & Miscellaneous (OCM) - As Submitted**		15% / 12%/ 10% / 8% of G.1		-
H.2	**Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated**		15% / 12%/ 10% / 8% of G.2		-
I.1	**Contractor's Profit (CP) - As Submitted**		10% / 8% of G.1		**15,302.40**
I.2	**Contractor's Profit (CP) - As Evaluated**		10% / 8% of G.2		-
J.1	**Value Added Tax (VAT) - As Submitted**		5% of (G.1 + H.1 +I.1)		**10,329.12**
J.2	**Value Added Tax (VAT) - As Evaluated**		5% of (G.2 + H.2 +I.2)		-
K.1	**Total Unit Cost - As Submitted**		(G.1 + H.1 + I.1 + J.1)		**218,911.52**
K.2	**Total Unit Cost - As Evaluated**		(G.2 + H.2 + I.2 + J.2)		-

Prepared by:

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DPWH RO9

Checked/Reviewed by:

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : A.1.2 Operation and Maintence of Gov't Service Vehicle

Quantity : 1.00
Unit of Measurement : 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				
					0.00
	Service Driver	1	2,880.00	62.86	181,036.80
					0.00
	Sub - Total for A.1 - As Submitted				181,036.80
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
	Service Vehicle	1	-		-
					-
					-
	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				181,036.80
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				1.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				181,036.80
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	**Unit**	**Quantity**	**Unit Cost**	**Amount (PhP)**
F.1	Materials				
					-
	Diesel Fuel	liters	1,350.00	48.00	64,800.00
	Engine Oil & Lubricants	l.s.	1.00	9,720.00	9,720.00
	Tires	pcs.	5.00	9,500.00	47,500.00
	Spare Parts	l.s.	1.00	12,960.00	12,960.00
					-
	Sub - Total for F.1 - As Submitted				134,980.00
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				316,016.80
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			15% / 12%/ 10% / 8% of G.1	37,922.02
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			15% / 12%/ 10% / 8% of G.2	-
I.1	Contractor's Profit (CP) - As Submitted			10% / 8% of G.1	-
I.2	Contractor's Profit (CP) - As Evaluated			10% / 8% of G.2	-
J.1	Value Added Tax (VAT) - As Submitted			5% of (G.1 + H.1 +I.1)	17,696.94
J.2	Value Added Tax (VAT) - As Evaluated			5% of (G.2 + H.2 +I.2)	-
K.1	Total Unit Cost - As Submitted			(G.1 + H.1 + I.1 + J.1)	371,635.76
K.2	Total Unit Cost - As Evaluated			(G.2 + H.2 + I.2 + J.2)	-

Prepared by:

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : B.4(1) Construction Survey and Staking

Quantity : 0.58
Unit of Measurement : km.
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				
	For Fieldworks:				0.00
	Geodetic Engineer	1	27.00	104.16	2,812.42
	Skilled Laborers	1	27.00	62.86	1,697.22
	Laborers	2	27.00	48.44	2,615.76
	For Office Works:				
	Geodetic Engineer	1	80.00	104.16	8,333.10
	Skilled Laborers	1	80.00	62.86	5,028.80
					0.00
	Sub - Total for A.1 - As Submitted				20,487.30
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
	Total Station Complete w/ accessories	1	27.00	100.00	2,700.00
					-
					-
	Sub - Total for B.1 - As Submitted				2,700.00
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				23,187.30
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				1.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				23,187.30
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	**Unit**	**Quantity**	**Unit Cost**	**Amount (PhP)**
F.1	Materials				
					-
	Standard Stake Plan (800 mmm x 910 mm plotting)	sheets	23.00	51.00	1,173.00
	blue print as stake plan	pcs.	115.00	45.00	5,175.00
	miscellaneous(5% of Materials)			317.40	317.40
					-
					-
	Sub - Total for F.1 - As Submitted				6,665.40
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				29,852.70
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		15% / 12%/ 10% / 8% of G.1		3,582.32
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		15% / 12%/ 10% / 8% of G.2		-
I.1	Contractor's Profit (CP) - As Submitted		10% / 8% of G.1		2,388.22
I.2	Contractor's Profit (CP) - As Evaluated		10% / 8% of G.2		-
J.1	Value Added Tax (VAT) - As Submitted		5% of (G.1 + H.1 + I.1)		1,791.16
J.2	Value Added Tax (VAT) - As Evaluated		5% of (G.2 + H.2 + I.2)		-
K.1	Total Unit Cost - As Submitted		(G.1 + H.1 + I.1 + J.1)		37,614.40
K.2	Total Unit Cost - As Evaluated		(G.2 + H.2 + I.2 + J.2)		-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : B.5 Project Billboard

Quantity : 4.00
Unit of Measurement : 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)
A.1	Labor				
					0.00
	Const. Foreman	1	1.00	87.10	87.10
	Skilled Laborers	1	1.00	62.86	62.86
	Laborers	2	1.00	48.44	96.88
					0.00
	Sub - Total for A.1 - As Submitted				246.84
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
					-
					-
					-
	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				246.84
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				1.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				246.84
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	**Unit**	**Quantity**	**Unit Cost**	**Amount (PhP)**
F.1	Materials				
					-
	Marine Plywood (3/16" thk. 4' x 8')	pc.	1.00	855.00	855.00
	Tarpaulin (4' x 8')	pc	1.00	800.00	800.00
	Assorted Sizes lumber	bd.ft.	50.00	56.00	2,800.00
	Assorted CW Nails	kg.	1.00	90.00	90.00
					-
					-
	Sub - Total for F.1 - As Submitted				4,545.00
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				4,791.84
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		15% / 12%/ 10% / 8% of G.1		575.02
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		15% / 12%/ 10% / 8% of G.2		-
I.1	Contractor's Profit (CP) - As Submitted		10% / 8% of G.1		383.35
I.2	Contractor's Profit (CP) - As Evaluated		10% / 8% of G.2		-
J.1	Value Added Tax (VAT) - As Submitted		5% of (G.1 + H.1 +I.1)		287.51
J.2	Value Added Tax (VAT) - As Evaluated		5% of (G.2 + H.2 +I.2)		-
K.1	Total Unit Cost - As Submitted		(G.1 + H.1 + I.1 + J.1)		6,037.72
K.2	Total Unit Cost - As Evaluated		(G.2 + H.2 + I.2 + J.2)		-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : B.7 Occupational Safety and Health Program

Quantity : 1.00
Unit of Measurement : 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				
					0.00
	Safety Practitioner	1	270.00	62.86	16,972.20
	First Aider	1	1,080.00	48.44	52,315.20
					0.00
					0.00
	Sub - Total for A.1 - As Submitted				69,287.40
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
					-
					-
					-
	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				69,287.40
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				1.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				69,287.40
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	**Unit**	**Quantity**	**Unit Cost**	**Amount (PhP)**
F.1	Materials				
					-
	Rubber BootsMen,Long w/ Steel Toe, Black	pc.	15.00	500.00	7,500.00
	Working Gloves (Maong Materials)	pc	15.00	50.00	750.00
	Rain Coats (Reinforced,Hip)	bd.ft.	15.00	300.00	4,500.00
	First Aide Kit (Complete medicines & tools)	set	1.00	2,500.00	2,500.00
	Barricades/Signboards	pcs.	15.00	1,400.00	21,000.00
					-
	Sub - Total for F.1 - As Submitted				36,250.00
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				105,537.40
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		15% / 12%/ 10% / 8% of G.1		12,664.49
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		15% / 12%/ 10% / 8% of G.2		-
I.1	Contractor's Profit (CP) - As Submitted		10% / 8% of G.1		8,442.99
I.2	Contractor's Profit (CP) - As Evaluated		10% / 8% of G.2		-
J.1	Value Added Tax (VAT) - As Submitted		5% of (G.1 + H.1 +I.1)		6,332.24
J.2	Value Added Tax (VAT) - As Evaluated		5% of (G.2 + H.2 +I.2)		-
K.1	Total Unit Cost - As Submitted		(G.1 + H.1 + I.1 + J.1)		132,977.12
K.2	Total Unit Cost - As Evaluated		(G.2 + H.2 + I.2 + J.2)		-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : B.8(2) Traffic Management

Quantity : 1.00
Unit of Measurement : 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				
					0.00
			-	62.86	0.00
			-	48.44	0.00
	Sub - Total for A.1 - As Submitted				0.00
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
					-
					-
					-
	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				1.00
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				
					-
	Advance Warning Sign	pc.	10.00	1,250.00	12,500.00
	Speed Limit Sign	pc	4.00	1,250.00	5,000.00
	Direction Sign	pc	4.00	1,250.00	5,000.00
	Bollards	pcs.	30.00	375.00	11,250.00
	Note:				-
	(Rental Basis only for whole during of the project)				-
	Sub - Total for F.1 - As Submitted				33,750.00
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				33,750.00
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			15% / 12%/ 10% / 8% of G.1	4,050.00
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			15% / 12%/ 10% / 8% of G.2	-
I.1	Contractor's Profit (CP) - As Submitted			10% / 8% of G.1	2,700.00
I.2	Contractor's Profit (CP) - As Evaluated			10% / 8% of G.2	-
J.1	Value Added Tax (VAT) - As Submitted			5% of (G.1 + H.1 +I.1)	2,025.00
J.2	Value Added Tax (VAT) - As Evaluated			5% of (G.2 + H.2 +I.2)	-
K.1	Total Unit Cost - As Submitted			(G.1 + H.1 + I.1 + J.1)	42,525.00
K.2	Total Unit Cost - As Evaluated			(G.2 + H.2 + I.2 + J.2)	-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN,
TUBURAN, BASILAN
DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : B.9 Mobilization/Demobilization

Quantity : 1.00
Unit of Measurement : 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				
					0.00
					0.00
	Sub - Total for A.1 - As Submitted				0.00
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (PhP)
B.1	Equipment				
	Low Bed Trailer	1	12.00	4,255.38	51,064.56
					-
					-
	Sub - Total for B.1 - As Submitted				51,064.56
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				51,064.56
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				1.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				51,064.56
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				-
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				51,064.56
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			15% / 12%/ 10% / 8% of G.1	6,127.75
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			15% / 12%/ 10% / 8% of G.2	-
I.1	Contractor's Profit (CP) - As Submitted			10% / 8% of G.1	4,085.16
I.2	Contractor's Profit (CP) - As Evaluated			10% / 8% of G.2	-
J.1	Value Added Tax (VAT) - As Submitted			5% of (G.1 + H.1 + I.1)	3,063.87
J.2	Value Added Tax (VAT) - As Evaluated			5% of (G.2 + H.2 + I.2)	-
K.1	Total Unit Cost - As Submitted			(G.1 + H.1 + I.1 + J.1)	64,341.35
K.2	Total Unit Cost - As Evaluated			(G.2 + H.2 + I.2 + J.2)	-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 102(2) Surplus Common Excavation

Quantity : 8,985.00
Unit of Measurement : 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				
	Const. Foreman	1	1.00	87.10	87.10
	Laborers	2	1.00	48.44	96.88
	Sub - Total for A.1 - As Submitted				184.98
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
	Bulldozer	1	1.00	3,379.00	3,379.00
	Payloader	1	1.00	1,733.00	1,733.00
	Payloader	1	0.25	1,733.00	433.25
	Dump Truck	2	1.00	1,420.00	2,840.00
	Sub - Total for B.1 - As Submitted				8,385.25
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				8,570.23
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				60.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				142.84
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				-
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				142.84
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		15% / 12%/ 10% / 8% of G.1		17.14
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		15% / 12%/ 10% / 8% of G.2		-
I.1	Contractor's Profit (CP) - As Submitted		10% / 8% of G.1		11.43
I.2	Contractor's Profit (CP) - As Evaluated		10% / 8% of G.2		-
J.1	Value Added Tax (VAT) - As Submitted		5% of (G.1 + H.1 +I.1)		8.57
J.2	Value Added Tax (VAT) - As Evaluated		5% of (G.2 + H.2 +I.2)		-
K.1	Total Unit Cost - As Submitted		(G.1 + H.1 + I.1 + J.1)		179.97
K.2	Total Unit Cost - As Evaluated		(G.2 + H.2 + I.2 + J.2)		-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN

0

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 103(3) Foundation Fill

Quantity : 1.50
Unit of Measurement : cu.m.
Output per hour - As Submitted : 1.25
Output per hour - As Evaluated :

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.1	Labor				
	Const. Foreman	1	1.00	87.10	87.10
	Laborers	4	1.00	48.44	193.76
	Sub - Total for A.1 - As Submitted				281.86
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
	Plate Compactor	1	1.00	123.00	123.00
	Water truck	1	0.01	2,450.00	24.50
	Minor Tools(10 % of Labor)				2.82
					-
					-
	Sub - Total for B.1 - As Submitted				150.32
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				432.18
C.2	Total (A.2 + B.2) - As Evaluated				-
D.1	Output per hour - As Submitted				1.25
D.2	Output per hour - As Evaluated				1.25
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				345.74
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	**Unit**	**Quantity**	**Unit Cost**	**Amount (PhP)**
F.1	Materials				
	Filling Materials	cu.m.	1.15	717.10	824.67
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
	Sub - Total for F.1 - As Submitted				824.67
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				1,170.41
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		15% / 12%/ 10% / 8% of G.1		140.45
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		15% / 12%/ 10% / 8% of G.2		-
I.1	Contractor's Profit (CP) - As Submitted		10% / 8% of G.1		93.63
I.2	Contractor's Profit (CP) - As Evaluated		10% / 8% of G.2		-
J.1	Value Added Tax (VAT) - As Submitted		5% of (G.1 + H.1 +I.1)		70.22
J.2	Value Added Tax (VAT) - As Evaluated		5% of (G.2 + H.2 +I.2)		-
K.1	Total Unit Cost - As Submitted		(G.1 + H.1 + I.1 + J.1)		1,474.71
K.2	Total Unit Cost - As Evaluated		(G.2 + H.2 + I.2 + J.2)		-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 103(6)a Pipe Culvert and Drain Excavation

Quantity : 23.50
Unit of Measurement : 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)
A.1	Labor				
	Const. Foreman	1	1.00	87.10	87.10
	Laborers	3	1.00	48.44	145.32
	Sub - Total for A.1 - As Submitted				233.42
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
	Backhoe	1	1.00	1,537.00	1,537.00
	Dump Truck	2	1.00	1,420.00	2,840.00
	Minor Tools(10 % of Labor)				2.33
					-
					-
	Sub - Total for B.1 - As Submitted				4,379.33
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				4,612.75
C.2	Total (A.2 + B.2) - As Evaluated				-
D.1	Output per hour - As Submitted				20.00
D.2	Output per hour - As Evaluated				20.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				230.64
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				-
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				230.64
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			15% / 12%/ 10% / 8% of G.1	27.68
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			15% / 12%/ 10% / 8% of G.2	-
I.1	Contractor's Profit (CP) - As Submitted			10% / 8% of G.1	18.45
I.2	Contractor's Profit (CP) - As Evaluated			10% / 8% of G.2	-
J.1	Value Added Tax (VAT) - As Submitted			5% of (G.1 + H.1 +I.1)	13.84
J.2	Value Added Tax (VAT) - As Evaluated			5% of (G.2 + H.2 +I.2)	-
K.1	Total Unit Cost - As Submitted			(G.1 + H.1 + I.1 + J.1)	290.60
K.2	Total Unit Cost - As Evaluated			(G.2 + H.2 + I.2 + J.2)	-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 104(1)a1 Embankment from Excavation

Quantity : 8.80
Unit of Measurement : 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)
A.1	Labor				
	Excavation Work:				
	Const. Foreman	1	0.83	87.10	72.29
	Laborers	2	0.83	48.44	80.41
	Spreading & Compaction:				
	Const. Foreman	1	1.00	87.10	87.10
	Laborers	2	1.00	48.44	96.88
	Sub - Total for A.1 - As Submitted				337.68
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
B.1	**Name and Capacity**	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
	Equipment				
	Excavation Work:				
	Bulldozer	1	0.83	3,379.00	2,804.57
	Payloader	1	0.83	1,733.00	1,438.39
	Dump Truck	2	0.83	1,420.00	2,357.20
	Spreading & Compaction:				
	Road Grader	1	1.00	2,173.00	2,173.00
	Road Roller	1	1.00	1,846.00	1,846.00
	Water Truck	1	0.25	2,450.00	612.50
					-
	Sub - Total for B.1 - As Submitted				11,231.66
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				11,569.34
C.2	Total (A.2 + B.2) - As Evaluated				-
D.1	Output per hour - As Submitted				50.00
D.2	Output per hour - As Evaluated				50.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				231.39
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
F.1	**Name and Specification**	**Unit**	**Quantity**	**Unit Cost**	**Amount (PhP)**
	Materials				
					-
					-
					-
					-
					-
					-
					-
	Sub - Total for F.1 - As Submitted				-
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				231.39
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	*Overhead, Contingencies & Miscellaneous (OCM) - As Submitted*		15% / 12%/ 10% / 8% of G.1		27.77
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		15% / 12%/ 10% / 8% of G.2		-
I.1	Contractor's Profit (CP) - As Submitted			10% / 8% of G.1	18.51
I.2	Contractor's Profit (CP) - As Evaluated			10% / 8% of G.2	-
J.1	Value Added Tax (VAT) - As Submitted			5% of (G.1 + H.1 +I.1)	13.88
J.2	Value Added Tax (VAT) - As Evaluated			5% of (G.2 + H.2 +I.2)	-
K.1	Total Unit Cost - As Submitted			(G.1 + H.1 + I.1 + J.1)	291.55
K.2	Total Unit Cost - As Evaluated			(G.2 + H.2 + I.2 + J.2)	-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN

TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 105(1)a Subgrade Preparation

Quantity : 6,792.50
Unit of Measurement : 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)
A.1	Labor				
	Const. Foreman	1	1.00	87.10	87.10
	Laborers	2	1.00	48.44	96.88
					0.00
					0.00
	Sub - Total for A.1 - As Submitted				184.98
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
	Road Grader	1	1.00	2,173.00	2,173.00
	Road Roller	1	1.00	1,846.00	1,846.00
	Water Truck	1	0.25	2,450.00	612.50
					-
					-
					-
					-
	Sub - Total for B.1 - As Submitted				4,631.50
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				4,816.48
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				300.00
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				-
F.2	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*			15% / 12%/ 10% / 8% of G.1	1.93
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			15% / 12%/ 10% / 8% of G.2	-
I.1	Contractor's Profit (CP) - As Submitted			10% / 8% of G.1	1.28
I.2	Contractor's Profit (CP) - As Evaluated			10% / 8% of G.2	-
J.1	Value Added Tax (VAT) - As Submitted			5% of (G.1 + H.1 + I.1)	0.96
J.2	Value Added Tax (VAT) - As Evaluated			5% of (G.2 + H.2 + I.2)	-
K.1	Total Unit Cost - As Submitted			(G.1 + H.1 + I.1 + J.1)	20.23
K.2	Total Unit Cost - As Evaluated			(G.2 + H.2 + I.2 + J.2)	-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN

TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 200(1) Aggregate Subbas Course

Quantity : 2,172.50
Unit of Measurement : 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)
A.1	Labor				
	Const. Foreman	1	1.00	87.10	87.10
	Laborers	2	1.00	48.44	96.88
					0.00
					0.00
	Sub - Total for A.1 - As Submitted				184.98
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
	Road Grader	1	1.00	2,173.00	2,173.00
	Road Roller	1	1.00	1,846.00	1,846.00
	Water Truck	1	0.25	2,450.00	612.50
					-
					-
					-
					-
	Sub - Total for B.1 - As Submitted				4,631.50
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				4,816.48
C.2	Total (A.2 + B.2) - As Evaluated				-
D.1	Output per hour - As Submitted				50.00
D.2	Output per hour - As Evaluated				50.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				96.33
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	**Unit**	**Quantity**	**Unit Cost**	**Amount (PhP)**
F.1	Materials				
	Aggregate Subbase Course	cu.m.	1.15	1,862.10	2,141.42
	(w/ 15% shrinkage)				-
					-
					-
					-
					-
					-
	Sub - Total for F.1 - As Submitted				2,141.42
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				2,237.74
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	*Overhead, Contingencies & Miscellaneous (OCM) - As Submitted*			*15% / 12%/ 10% / 8% of G.1*	268.53
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			15% / 12%/ 10% / 8% of G.2	-
I.1	Contractor's Profit (CP) - As Submitted			10% / 8% of G.1	179.02
I.2	Contractor's Profit (CP) - As Evaluated			10% / 8% of G.2	-
J.1	Value Added Tax (VAT) - As Submitted			5% of (G.1 + H.1 +I.1)	134.26
J.2	Value Added Tax (VAT) - As Evaluated			5% of (G.2 + H.2 +I.2)	-
K.1	Total Unit Cost - As Submitted			(G.1 + H.1 + I.1 + J.1)	2,819.56
K.2	Total Unit Cost - As Evaluated			(G.2 + H.2 + I.2 + J.2)	-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 300(1) Gravel Surface Course

Quantity : 284.00
Unit of Measurement : 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)
A.1	Labor				
	Const. Foreman	1	1.00	87.10	87.10
	Laborers	2	1.00	48.44	96.88
					0.00
					0.00
	Sub - Total for A.1 - As Submitted				184.98
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
	Road Grader	1	1.00	2,173.00	2,173.00
	Road Roller	1	1.00	1,846.00	1,846.00
	Water Truck	1	0.25	2,450.00	612.50
					-
					-
					-
					-
	Sub - Total for B.1 - As Submitted				4,631.50
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				4,816.48
C.2	Total (A.2 + B.2) - As Evaluated				-
D.1	Output per hour - As Submitted				50.00
D.2	Output per hour - As Evaluated				50.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				96.33
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	**Unit**	**Quantity**	**Unit Cost**	**Amount (PhP)**
F.1	Materials				
	Gravel Surface Course	cu.m.	1.15	1,762.10	2,026.42
	(w/ 15% shrinkage)				-
					-
					-
					-
					-
					-
	Sub - Total for F.1 - As Submitted				2,026.42
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				2,122.74
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	*Overhead, Contingencies & Miscellaneous (OCM) - As Submitted*		15% / 12%/ 10% / 8% of G.1		254.73
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		15% / 12%/ 10% / 8% of G.2		-
I.1	Contractor's Profit (CP) - As Submitted		10% / 8% of G.1		169.82
I.2	Contractor's Profit (CP) - As Evaluated		10% / 8% of G.2		-
J.1	Value Added Tax (VAT) - As Submitted		5% of (G.1 + H.1 +I.1)		127.36
J.2	Value Added Tax (VAT) - As Evaluated		5% of (G.2 + H.2 +I.2)		-
K.1	Total Unit Cost - As Submitted		(G.1 + H.1 + I.1 + J.1)		2,674.66
K.2	Total Unit Cost - As Evaluated		(G.2 + H.2 + I.2 + J.2)		-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 311(1)a Portland Cement Concrete Pavement, 0.15m. Thk.

Quantity : 20.50
Unit of Measurement : 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)
A.1	Labor				
	Const. Foreman	1	1.00	87.10	87.10
	Skilled laborer	4	1.00	62.86	251.44
	Laborers	12	1.00	48.44	581.28
	Sub - Total for A.1 - As Submitted				920.82
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
	Transit Mixer	4	1.00	1,318.00	5,272.00
	Concrete Vibrator	2	1.00	91.25	182.50
	Concrete Batch Plant	1	1.00	1,759.50	1,759.50
	Payloader	1	1.00	1,733.00	1,733.00
	Concrete Screeder	1	1.00	545.00	545.00
	Water Truck/Pump	1	1.00	2,450.00	2,450.00
	Concrete Saw	1	1.00	32.63	32.63
	Bar Cutter	1	0.10	219.75	21.98
	Minor Tools (5% of Labor Cost)				46.04
	Sub - Total for B.1 - As Submitted				12,042.65
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				12,963.47
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				107.33
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				120.78
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	**Unit**	**Quantity**	**Unit Cost**	**Amount (PhP)**
F.1	Materials				
					-
	Reinforcing Steel Bar	kg.	0.33	47.00	15.51
	Curing Compound	l.	0.29	48.00	13.92
	Asphalt Sealant	l.	0.12	76.00	9.12
	Steel Forms	m	0.46	40.00	18.40
	Fine Aggregates	cu.m.	0.0825	2,562.10	211.37
	Coarse Aggregates	cu.m.	0.15	1,862.10	279.32
	Portland Cement	bag	1.43	309.86	443.10
	Concrete Saw (Diamond Blade 14"dia.)	pc.	0.00015	8,000.00	1.20
	Pipe Sleeve, 1" dia.	m	0.0078	55.00	0.43
	Grease/Tar	l.	0.0015	21.00	0.03
					-
	Sub - Total for F.1 - As Submitted				992.40
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				1,113.18
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			15% / 12%/ 10% / 8% of G.1	133.58
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			15% / 12%/ 10% / 8% of G.2	-
I.1	Contractor's Profit (CP) - As Submitted			10% / 8% of G.1	89.05
I.2	Contractor's Profit (CP) - As Evaluated			10% / 8% of G.2	-
J.1	Value Added Tax (VAT) - As Submitted			5% of (G.1 + H.1 +I.1)	66.79
J.2	Value Added Tax (VAT) - As Evaluated			5% of (G.2 + H.2 +I.2)	-
K.1	Total Unit Cost - As Submitted			(G.1 + H.1 + I.1 + J.1)	1,402.61
K.2	Total Unit Cost - As Evaluated			(G.2 + H.2 + I.2 + J.2)	-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 311(1)c1 Portland Cement Concrete Pavement, 0.23m. Thk.

Quantity : 3,975.00
Unit of Measurement : sq.m.
Output per hour - As Submitted : 70.00
Output per hour - As Evaluated :

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.1	Labor				
	Const. Foreman	1	1.00	87.10	87.10
	Skilled Laborers	4	1.00	62.86	251.44
	Laborers	12	1.00	48.44	581.28
	Sub - Total for A.1 - As Submitted				920.82
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
	Transit Mixer	4	1.00	1,318.00	5,272.00
	Concrete Vibrator	2	1.00	91.25	182.50
	Concrete Batch Plant	1	1.00	1,759.50	1,759.50
	Payloader	1	1.00	1,733.00	1,733.00
	Concrete Screeder	1	1.00	545.00	545.00
	Water Truck/Pump	1	1.00	2,450.00	2,450.00
	Concrete Saw	1	1.00	32.63	32.63
	Bar Cutter	1	0.10	219.75	21.98
	Minor Tools (5% of Labor Cost)				46.04
	Sub - Total for B.1 - As Submitted				12,042.65
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				12,963.47
C.2	Total (A.2 + B.2) - As Evaluated				-
D.1	Output per hour - As Submitted				70.00
D.2	Output per hour - As Evaluated				70.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				185.19
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	**Unit**	**Quantity**	**Unit Cost**	**Amount (PhP)**
F.1	Materials				
					-
	Reinforcing Steel Bar	kg.	0.43	47.00	20.21
	Curing Compound	l.	0.29	35.00	10.15
	Asphalt Sealant	l.	0.12	75.00	9.00
	Steel Forms	m	0.46	52.00	23.92
	Fine Aggregates	cu.m.	0.1265	2,562.10	324.11
	Coarse Aggregates	cu.m.	0.23	1,862.10	428.28
	Portland Cement	bag	2.19	309.86	678.60
	Concrete Saw (Diamond Blade 14"dia.)	pc.	0.00015	8,000.00	1.20
	Pipe Sleeve, 1" dia.	m	0.0071	55.00	0.39
	Grease/Tar	l.	0.0087	21.00	0.18
					-
	Sub - Total for F.1 - As Submitted				1,496.04
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				1,681.23
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			15% / 12%/ 10% / 8% of G.1	201.75
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			15% / 12%/ 10% / 8% of G.2	-
I.1	Contractor's Profit (CP) - As Submitted			10% / 8% of G.1	134.50
I.2	Contractor's Profit (CP) - As Evaluated			10% / 8% of G.2	-
J.1	Value Added Tax (VAT) - As Submitted			5% of (G.1 + H.1 + I.1)	100.87
J.2	Value Added Tax (VAT) - As Evaluated			5% of (G.2 + H.2 + I.2)	-
K.1	Total Unit Cost - As Submitted			(G.1 + H.1 + I.1 + J.1)	2,118.35
K.2	Total Unit Cost - As Evaluated			(G.2 + H.2 + I.2 + J.2)	-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN

TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 500(1)b3 Pipe Culvert & Strom Drain,910 mm dia.

Quantity : 11.00
Unit of Measurement : ln.m.
Output per hour - As Submitted : 2.00
Output per hour - As Evaluated :

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.1	Labor				
	Const. Foreman	1	0.57	87.10	49.65
	Skilled Laborers	2	0.57	62.86	71.66
	Laborers	4	0.57	48.44	110.44
					0.00
					0.00
	Sub - Total for A.1 - As Submitted				183.10
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
B.1	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (PhP)
	Equipment				
	Bachhoe	1	0.29	1,537.00	445.73
	Plate Compactor	1	0.29	123.00	35.67
					-
					-
					-
					-
					-
					-
	Minor Tools (10 % of Labor Cost)				18.31
	Sub - Total for B.1 - As Submitted				499.71
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				682.81
C.2	Total (A.2 + B.2) - As Evaluated				-
D.1	Output per hour - As Submitted				2.00
D.2	Output per hour - As Evaluated				2.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				341.41
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
F.1	Name and Specification	Unit	Quantity	Unit Cost	Amount (PhP)
	Materials				
					-
	Portland Cement	bag	1.08	309.86	334.65
	Fine Aggregates	cu.m.	0.061	2,562.10	156.29
	RC Pipes	pc.	1.00	3,128.00	3,128.00
	Sand Bedding	cu.m.	0.128	2,562.10	327.95
					-
					-
					-
					-
	Sub - Total for F.1 - As Submitted				3,946.89
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				4,288.29
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		15% / 12%/ 10% / 8% of G.1		514.60
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		15% / 12%/ 10% / 8% of G.2		-
I.1	Contractor's Profit (CP) - As Submitted		10% / 8% of G.1		343.06
I.2	Contractor's Profit (CP) - As Evaluated		10% / 8% of G.2		-
J.1	Value Added Tax (VAT) - As Submitted		5% of (G.1 + H.1 +I.1)		257.30
J.2	Value Added Tax (VAT) - As Evaluated		5% of (G.2 + H.2 +I.2)		-
K.1	*Total Unit Cost - As Submitted*		(G.1 + H.1 + I.1 + J.1)		5,403.25
K.2	Total Unit Cost - As Evaluated		(G.2 + H.2 + I.2 + J.2)		-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 505(2)a Grouted Riprap, Class " A"

Quantity : 4.00
Unit of Measurement : cu.m.
Output per hour - As Submitted : 1.25
Output per hour - As Evaluated :

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.1	Labor				
	Const. Foreman	1	1.00	87.10	87.10
	Skilled Laborers	2	1.00	62.86	125.72
	Laborers	8	1.00	48.44	387.52
					0.00
					0.00
	Sub - Total for A.1 - As Submitted				514.24
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (PhP)
B.1	Equipment				
	One Bagger Mixer	1	1.00	172.00	172.00
	Water Truck/Pump	1	0.05	2,450.00	122.50
					-
					-
					-
					-
					-
					-
	Minor Tools (5 % of Labor Cost)				25.71
	Sub - Total for B.1 - As Submitted				320.21
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				834.45
C.2	Total (A.2 + B.2) - As Evaluated				-
D.1	Output per hour - As Submitted				1.25
D.2	Output per hour - As Evaluated				1.25
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				667.56
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	Unit	Quantity	Unit Cost	Amount (PhP)
F.1	Materials				
					-
	Portland Cement	bag	3.00	309.86	929.58
	Fine Aggregates	cu.m.	0.250	2,562.10	640.53
	Gravel Fill	cu.m.	0.015	1,862.10	27.93
	50mm. (2") PVC Pipe	m.	0.30	101.67	30.50
	Filter Cloth	sq.m.	0.015	160.00	2.40
	Boulders	cu.m.	1.05	1,667.10	1,750.46
					-
	Misc.(1% of Materials Cost)				33.81
	Sub - Total for F.1 - As Submitted				3,415.21
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				4,082.77
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			15% / 12%/ 10% / 8% of G.1	489.93
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			15% / 12%/ 10% / 8% of G.2	-
I.1	Contractor's Profit (CP) - As Submitted			10% / 8% of G.1	326.62
I.2	Contractor's Profit (CP) - As Evaluated			10% / 8% of G.2	-
J.1	Value Added Tax (VAT) - As Submitted			5% of (G.1 + H.1 +I.1)	244.97
J.2	Value Added Tax (VAT) - As Evaluated			5% of (G.2 + H.2 +I.2)	-
K.1	*Total Unit Cost - As Submitted*			(G.1 + H.1 + I.1 + J.1)	5,144.29
K.2	Total Unit Cost - As Evaluated			(G.2 + H.2 + I.2 + J.2)	-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN

TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 506(1) Stone Masonry

Quantity : 9.00
Unit of Measurement : cu.m.
Output per hour - As Submitted : 1.60
Output per hour - As Evaluated :

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.1	Labor				
	Const. Foreman	1	1.00	87.10	87.10
	Skilled Laborers	2	1.00	62.86	125.72
	Laborers	8	1.00	48.44	387.52
					0.00
					0.00
	Sub - Total for A.1 - As Submitted				514.24
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
B.1	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (PhP)
	Equipment				
	One Bagger Mixer	1	1.00	172.00	172.00
	Water Truck/Pump	1	0.05	2,450.00	122.50
	Backhoe	1	0.10	1,537.00	153.70
					-
					-
					-
					-
					-
	Minor Tools (10 % of Labor Cost)				51.42
	Sub - Total for B.1 - As Submitted				499.62
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				1,013.86
C.2	Total (A.2 + B.2) - As Evaluated				-
D.1	Output per hour - As Submitted				1.60
D.2	Output per hour - As Evaluated				1.60
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				633.67
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
F.1	Name and Specification	Unit	Quantity	Unit Cost	Amount (PhP)
	Materials				
					-
	Portland Cement	bag	5.50	309.86	1,704.24
	Fine Aggregates	cu.m.	0.300	2,562.10	768.63
	Gravel Fill	cu.m.	0.020	1,862.10	37.24
	50mm. (2") PVC Pipe	m.	0.30	110.00	33.00
	Filter Cloth	sq.m.	0.015	160.00	2.40
	Boulders	cu.m.	1.05	1,667.10	1,750.46
					-
	Misc.(1% of Materials Cost)				42.96
	Sub - Total for F.1 - As Submitted				4,338.92
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				4,972.59
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted			15% / 12%/ 10% / 8% of G.1	596.71
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated			15% / 12%/ 10% / 8% of G.2	-
I.1	Contractor's Profit (CP) - As Submitted			10% / 8% of G.1	397.81
I.2	Contractor's Profit (CP) - As Evaluated			10% / 8% of G.2	-
J.1	Value Added Tax (VAT) - As Submitted			5% of (G.1 + H.1 +I.1)	298.36
J.2	Value Added Tax (VAT) - As Evaluated			5% of (G.2 + H.2 +I.2)	-
K.1	*Total Unit Cost - As Submitted*			(G.1 + H.1 + I.1 + J.1)	6,265.46
K.2	Total Unit Cost - As Evaluated			(G.2 + H.2 + I.2 + J.2)	-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN

TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 612(1) Reflectorized Pavement Markings, White

Quantity : 145.00
Unit of Measurement : sq.m.
Output per hour - As Submitted : 25.00
Output per hour - As Evaluated :

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.1	Labor				
	Const. Foreman	1	1.00	87.10	87.10
	Skilled Laborers	2	1.00	62.86	125.72
	Laborers	6	1.00	48.44	290.64
					0.00
	Sub - Total for A.1 - As Submitted				417.36
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (PhP)
B.1	Equipment				
	Cargo Truck	1	1.00	1,212.00	1,212.00
	Applicator Machine	1	1.00	93.75	93.75
	Kneading Machine	1	1.00	187.50	187.50
					-
					-
	Minor Tools (10 % of Labor)				41.74
	Sub - Total for B.1 - As Submitted				1,534.99
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				1,952.35
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				25.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				78.09
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	Unit	Quantity	Unit Cost	Amount (PhP)
F.1	Materials				
					-
					-
	Thermoplastic Paint White	bag	0.325	1,585.00	515.13
	Glass Beads	bag	0.033	2,500.00	82.50
	Primer	l.	0.120	168.00	20.16
	LPG(50 kg)	cyl	0.004	4,250.00	17.00
	LPG (12 kg)	cyl	0.002	1,020.00	2.04
	Calsumine	kg.	0.125	30.00	3.75
					-
					-
	Misc.(5% of Materials Cost)				32.03
					-
					6.20
	Sub - Total for F.1 - As Submitted				678.81
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				756.90
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		15% / 12%/ 10% / 8% of G.1		90.83
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		15% / 12%/ 10% / 8% of G.2		-
I.1	Contractor's Profit (CP) - As Submitted		10% / 8% of G.1		60.55
I.2	Contractor's Profit (CP) - As Evaluated		10% / 8% of G.2		-
J.1	Value Added Tax (VAT) - As Submitted		5% of (G.1 + H.1 +I.1)		45.41
J.2	Value Added Tax (VAT) - As Evaluated		5% of (G.2 + H.2 +I.2)		-
K.1	Total Unit Cost - As Submitted		(G.1 + H.1 + I.1 + J.1)		953.70
K.2	Total Unit Cost - As Evaluated		(G.2 + H.2 + I.2 + J.2)		-

Prepared by:

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Engineer II
DPWH RO9

Checked/Reviewed by:

PIO MARIO T. LACO-SANTOS
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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 612(2) Reflectorized Pavement Markings, Yellow

Quantity : 2.00
Unit of Measurement : sq.m.
Output per hour - As Submitted : 25.00
Output per hour - As Evaluated :

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (PhP)
A.1	Labor				
	Const. Foreman	1	1.00	87.10	87.10
	Skilled Laborers	2	1.00	62.86	125.72
	Laborers	6	1.00	48.44	290.64
					0.00
	Sub - Total for A.1 - As Submitted				417.36
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (PhP)
B.1	Equipment				
	Cargo Truck	1	1.00	1,212.00	1,212.00
	Applicator Machine	1	1.00	93.75	93.75
	Kneading Machine	1	1.00	187.50	187.50
					-
					-
	Minor Tools (10 % of Labor)				41.74
	Sub - Total for B.1 - As Submitted				1,534.99
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				1,952.35
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				25.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				78.09
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	Unit	Quantity	Unit Cost	Amount (PhP)
F.1	Materials				
					-
					-
	Thermoplastic Paint Yellow	bag	0.325	1,800.00	585.00
	Glass Beads	bag	0.033	2,500.00	82.50
	Primer	l.	0.120	180.00	21.60
	LPG(50 kg)	cyl	0.004	4,250.00	17.00
	LPG (12 kg)	cyl	0.002	1,020.00	2.04
	Calsumine	kg.	0.125	30.00	3.75
					-
					-
	Misc.(5% of Materials Cost)				35.59
					-
	Sub - Total for F.1 - As Submitted				747.48
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	*Direct Unit Cost (E.1 + F.1) - As Submitted*				825.58
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		15% / 12%/ 10% / 8% of G.1		99.07
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		15% / 12%/ 10% / 8% of G.2		-
I.1	Contractor's Profit (CP) - As Submitted		10% / 8% of G.1		66.05
I.2	Contractor's Profit (CP) - As Evaluated		10% / 8% of G.2		-
J.1	Value Added Tax (VAT) - As Submitted		5% of (G.1 + H.1 +I.1)		49.53
J.2	Value Added Tax (VAT) - As Evaluated		5% of (G.2 + H.2 +I.2)		-
K.1	Total Unit Cost - As Submitted		(G.1 + H.1 + I.1 + J.1)		1,040.23
K.2	*Total Unit Cost - As Evaluated*		(G.2 + H.2 + I.2 + J.2)		-

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CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER - JUNCTION NATIONAL HIGHWAY - MAMBORING ROAD, TUBURAN, BASILAN
TUBURAN, BASILAN

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 620(1) Chevron

Quantity : 13.00
Unit of Measurement : 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)
A.1	Labor				
					0.00
	Const. Foreman	1	1.00	87.10	87.10
	Skilled Laborers	1	1.00	62.86	62.86
	Laborers	2	1.00	48.44	96.88
					0.00
	Sub - Total for A.1 - As Submitted				247.84
A.2	Labor				
	Sub - Total for A.2 - As Evaluated				
	Name and Capacity	**No. of Unit/s**	**No. of Hour/s**	**Hourly Rate**	**Amount (PhP)**
B.1	Equipment				
	Cargo truck	1	0.25	1,212.00	303.00
					-
					-
					-
					-
	Minor Tools (10 % of Labor)				24.78
	Sub - Total for B.1 - As Submitted				327.78
B.2	Equipment				
	Sub - Total for B.2 - As Evaluated				
C.1	Total (A.1 + B.1) - As Submitted				575.62
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				1.00
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				575.62
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				-
	Name and Specification	**Unit**	**Quantity**	**Unit Cost**	**Amount (PhP)**
F.1	Materials				
					-
					-
	Portland Cement	bag	0.48	309.86	148.73
	Fine Aggregates	cu.m.	0.025	2,562.10	64.05
	Coarse Aggregates	cu.m.	0.050	1,862.10	93.11
	Lumber	bd.ft.	2.00	40.00	80.00
	75mmdia. G.I. pipe	pc.	3.250	2,879.00	9,356.75
	GI Flat Bar, 1-1/2" x 1/8"	kg.	5.00	45.00	225.00
	GI Bolts w/ Nut & Washer, 5 mm dia.	pc.	3.00	115.00	345.00
	GI Bolts w/ Nut & Washer, 2 mm dia.	pc.	12.00	95.00	1,140.00
	Sign Face, 3mmm thk Aluminum Sheet	pc.	2.00	4,500.00	9,000.00
	Assorted CWN	kg.	0.08	58.00	4.64
	Misc.(0.3% of Materials Cost)				61.37
	Sub - Total for F.1 - As Submitted				20,518.65
F.2	Materials				
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost (E.1 + F.1) - As Submitted				21,094.28
G.2	Direct Unit Cost (E.2 + F.2) - As Evaluated				-
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		15% / 12%/ 10% / 8% of G.1		2,531.31
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated		15% / 12%/ 10% / 8% of G.2		-
I.1	Contractor's Profit (CP) - As Submitted		10% / 8% of G.1		1,687.54
I.2	Contractor's Profit (CP) - As Evaluated		10% / 8% of G.2		-
J.1	Value Added Tax (VAT) - As Submitted		5% of (G.1 + H.1 +I.1)		1,265.66
J.2	Value Added Tax (VAT) - As Evaluated		5% of (G.2 + H.2 +I.2)		-
K.1	Total Unit Cost - As Submitted		(G.1 + H.1 + I.1 + J.1)		26,578.79
K.2	Total Unit Cost - As Evaluated		(G.2 + H.2 + I.2 + J.2)		-

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UNIT COST ANALYSIS FOR HAULING COST FOR ALL AGGREGATES

Hauling Cost from the District Office to Site

Item No.	: *ALL AGGREGATES*	*Terrain*	: *Flat to Rolling*
Quantity	: *1,000.00*	*Unit*	: *cu.m.*
		Hauling Distance	: *5.00 km.*
		Effective Working Hours	: *8.00 hrs.*

Hauling: ***Using 10.00 cu.m.capacity Dumptruck***

Weight of Dumptruck (cap. 10.00 cu.m.)	:	*16,000.00*	*kgs.*
Unit weight of Fine Aggregates	:	*1,640.00*	*kg/m3*
Unit weight of Coarse Aggregates	:	*1,534.00*	*kg/m3*
Maximum Volume to be Carried per DT	:	*11.57*	*cu.m.*

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

Speed when loaded	: 30.00	kph
Speed when unloaded	: 40.00	kph
Loaded running	$= \dfrac{5.00 \times 60}{30.00} =$	10.00 mins.
Unloaded running	$= \dfrac{5.00 \times 60}{40.00} =$	7.50 mins.
Loading and Unloading	: 5.00	mins.
Capacity of Dumptruck	: 10.00	cu.m.
Total Cycle time	: 22.50	mins.
No. of trips for Dumptruck per day	$= \dfrac{8 \times 60.00}{22.50} =$	21.33 say 21.33 trips
Dumptruck daily output	= 10 x 21.33 =	213.33 cu.m.
Using (4) Dumptrucks	= 4 x 213.33 =	853.33 cu.m.

1. No. of days for Dumptrucks $= \dfrac{1,000.00}{853.33} =$ 1.17 say 1.17 days

EQUIPMENT USED : (2009 ACEL RATES)

4	- Unit Dumptruck	@ P 11,360.00 /day	x	1.17 days	= P	53,250.00
				Sub - Total	**P**	**53,250.00**

Estimated Quantity		1,000.00 cu.m.
Unit Cost	**P**	***10.65* / cu. m./km. *(Unit Cost, Hauling per cu.m.per km.)***
Grand Total	P	53,250.00
Equipment	P	53,250.00
Labor	P	
Materials	P	

ISABELE CITY CITY DEO (based on 2019 3RD Quarter CMPD)

	Ave. Hauling *Distance*		Unit Cost per cu.m./km.		Hauling Cost per cu.m.		Unit Pirce		Unit Cost per cu.m.
Cost of Fine Aggregates:	34.00	x	10.65	=	362.10	+	2,200.00	=	**2,562.10**
Cost of Coarse Aggregates:	34.00	x	10.65	=	362.10	+	1,500.00	=	**1,862.10**
Cost of Item 200 Materials:	34.00	x	10.65	=	362.10	+	1,500.00	=	**1,862.10**
Cost of Item 201 Materials:	34.00	x	10.65	=	362.10	+	1,500.00	=	**1,862.10**
Cost of Item 300 Materials:	34.00	x	10.65	=	362.10	+	1,400.00	=	**1,762.10**
Cost of Boulders:	34.00	x	10.65	=	362.10	+	1,305.00	=	**1,667.10**
Cost of Embankmen, Common Borrow:	5.00	x	10.65	=	53.25	+	336.00	=	**389.25**
Cost of Embankmen, Selected Borrow:	34.00	x	10.65	=	362.10	+	355.00	=	**717.10**

UNIT COST DERIVATION FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

DESCRIPTION	QUANTITY (Bags)
Portland Cement Concrete Pavement, 0.28 m. thick	67,263.00
Reinforced Concrete Culvert Pipe, 910 mm. (36") diameter	133.00
Structural Concrete, Class"A"	8,821.00
Reinf. Conc. Culvert Pipe, 910mm dia.	133.00
Grouted Riprap, Class "A"	99.00
Stone Masonry	1,661.00
T O T A L	**78,110.00**

Quantity = **78,110.00** *Bags*

Delivery Charge = P 0.120 / bag / km.

S I T E	HAULING DISTANCE
Isabela City DEO	34.00
PROJECT SITE	

*Average hauling distance from Source to assumed Stockpiling area :

say 34.00 km.

Delivery Charge = P 0.120 x 34.00

= P 4.08 / bag

*Delivery Truck : 78,110.00 bags., (hauling works)

20,000.00 kgs., (capacity per haul)

or 500.00 bags, (capacity per haul)

*Capacity of Laborers unloading bags of Cement from Delivery Truck :

Assume (10) laborers can unload 500.00 bags of Cement.

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

Speed when loaded : 30.00 kph

Speed when unloaded : 40.00 kph

Loaded running $= \frac{34.00 \times 60}{30.00} =$ 68.00 mins.

Unloaded running $= \frac{34.00 \times 60}{40.00} =$ 51.00 mins.

Loading and Unloading : 45.00 mins.

Capacity of Dumptruck : 8.00 cu.m.

: 500.00 bags

Total Cycle time	:	164.00 mins.		
No. of trips for Dumptruck per day	=	$\frac{8.0 \times 60.00}{164.00}$	=	2.93 say 2.93 trip
Dumptruck daily output	=	500 x 2.93	=	1,463.41 cu.m.
Using (4) Dumptrucks	=	4 x 1463.41	=	5,853.66 cu.m.

1. No. of days for Delivery Truck	=	$\frac{78,110.00}{5,853.66}$	= 13.34	say	13.34	days
2. No. of days for Labor, for unloading	=	complimentary to D. Truck days		=	13.34	days

DELIVERY COST :

78,110.00	- Bags, Portland Cement	@ P	4.08	/ bag	= P	318,688.80
				Sub - Total	**P**	**318,688.80**

LABOR :

1	- Foreman	@ P	696.80 /day	x	13.34 days	= P	9,297.95
10	- Laborers, unloading	@ P	387.52 /day	x	13.34 days	= P	51,709.86
					Sub - Total	**P**	**61,007.82**

MATERIALS :

78,110.00	- Bags, Portland Cement	@ P	305.00	/ bag	= P	23,823,550.00
	(Pick-Up Price)			**Sub - Total**	**P**	**23,823,550.00**

Estimated Quantity		78,110.00 Bags		
Unit Cost	P	309.86 / Bag,	say P	309.86 / Bag
Grand Total	P	24,203,246.62		
Delivery Cost	P	318,688.80		
Labor	P	61,007.82		
Materials	P	23,823,550.00		

CONSTRUCTION/CONCRETING OF ROAD ALONG SITIO SUPER-JUNCTION NATIONAL HIGHWAY-MAMBORING ROAD, TUBURAN, BASILAN

Station Limits

Beginning of Project:	STA.	0+000.00
End of Project:	STA.	0+580.00

Net Length: 580.00 ln.m

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	REMARKS
PART C - EARTHWORKS				
102(2)	Surplus Common Excavation	cu.m.	8,985.00	For disposal
103(3)	Foundation Fill	cu.m.	1.50	For RCPC bedding
103(6)a	Pipe culverts and drain excavation	cu.m.	23.50	For RCPC excavation
104(1a)	Embankment from roadway excavation	cu.m.	8.80	Compacted volume, common soil
105(1a)	Subgrade Preparation	sq.m.	6,792.50	Common material, variable width
PART D - SUBBASE AND BASE COURSE				
200(1)	Aggregate Subbase Course	cu.m.	2,172.50	0.30 m. thick, compacted volume
PART E - SURFACE COURSES				
300(1)	Gravel Surface Course	cu.m.	284.00	0.15 m. thk for roadway shoulders, compacted volume
311(1)a	Portland Cement Concrete Pavement	sq.m.	20.50	0.15 m. thk, width = 1.50 m. (Paved Shoulders)
311(1)c1	Portland Cement Concrete Pavement	sq.m.	3,975.00	0.23 m. thk, width = 6.70 m.
PART G - DRAINAGE AND SLOPE PROTECTION WORKS				
500(1)b3	Pipe Culverts, 910 mm dia.	ln.m.	11.00	Class IV, Wall B, AASHTO M - 170 - 85
505(2)a	Grouted Riprap	cu.m.	4.00	Class A, for headwall apron & slope protection
506(1)	Stone Masonry	cu.m.	9.00	for headwall, wingwall and catch basin
PART H - MISCELLANEOUS STRUCTURES				
612(1)	Reflectorized Thermolpastic Pavement Markings White	sq.m.	145.00	For edge line and centerline
612(2)	Reflectorized Thermolpastic Pavement Markings Yellow	sq.m.	2.00	For barrier lines
620(1)	Chevron Signs	each	13.00	Type HM-1A with typical size=450 mm x 600 mm

ios - P20.0M

Prepared by:

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Checked by:

DB

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