



DPWH R



PROGRAM OF WORKS/BUDGET COST

Project ID	CONCRETING OF BRGY. SUCUBAN FMR , BRGY. SUCUBAN, OMAR, SULU	Net Length : (a) Road 547.00 in.m. = 1.094 is (b) Bridge (c) Others	ane.kr
Location	: OMAR, SULU	Target Start Date	
Station Limits	: KM 00 + 000.00 - KM 00 + 547	Total Project Duration : 109 CD	
Appropriation	: Php 15,000,000.00	No. of Pre-determined : 18 CD	_
Source of Fund	: CY 2019 REGULAR INFRA	Unworkable Days 9 CD	_

			AS	SSUBMITTED	AS EVALUATED		
DESCRIPTION OF WORKS TO BE DONE	QUANTITY	UNIT	% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST	
art A: Facilities for the Engineer			0.00				
B: Other General Requirements			3.05	362,453.78			
C: Earthworks			4.77	566,342.55			
D: Subbase and Base Course			46.91	5,574,392.95			
E: Surface Courses			43.04	5,115,099.37			
F: Bridge Construction			0.00	Ya			
G: Drainage and Slope Protection Structures			1.27	150,532.62			
H: Miscellaneous Structures			0.97	114,866.84			
	Total		100.00	11,883,688.11			

EQUIPMENT:

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

BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	130,515.13	
2. Materials	10,484,797.94	
3. Rental of Equipment	1,268,375.05	
4. Provisional Sum / Daywork		
5. OCM and Profit	2,330,997.23	
6. Value Added Tax	710,734.27	
7. EAO, %	74,580.40	
8. RROW Acquisition	(0.00)	
9. Physical Reserved (Contingency)		
10.TOTAL ESTIMATED COST	15,000,000.00	

AS SUBMITTED	AS EVALUATED
11,883,688.11	
2,330,997.23	
710,734.27	
14,925,419.60	
74,580.40	
(0.00)	
	_
15 000 000 00	
	11,883,688.11 2,330,997.23 710,734.27 14,925,419.60 74,580.40

Preparation	and	Subm	ission:
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Prepared by:

Checked/Submitted by

JOSEPHINE B. RENGQUIJO

Engineer II DPWH RO9

PIO MARIO T. VACASTESANTOS

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 DRWH RQ9

Approved:

Regional Director DPWH RO9



DPWH REGIONAL OFFICE IX

CONCRETING OF BRGY. SUCUBAN FMR, BRGY. SUCUBAN, OMAR, SULU

OMAR, SULU

APPROVED BUDGET FOR THE CONTRACT

109 Contract Duration: TOTAL MARK-UP TOTAL INDIRECT **UNIT COST** TOTAL COST VAT ESTIMATED DIRECT COST COST ITEM NO. DESCRIPTION VALUE AS EVALUATED PART A FACILITIES FOR THE ENGINEER AS SUBMITTED AS EVALUATED 408,664.34 46,210.57 PART B OTHER GENERAL REQUIREMENTS 19,460.21 26,750.36 362,453.78 AS SUBMITTED AS EVALUATED 713,591.61 147,249.06 PART C EARTHWORKS 113,268.51 33,980.55 566,342.55 AS SUBMITTED AS EVALUATED 7,023,735.12 PART D | SUBBASE AND BASE COURSE 1,449,342.17 334,463.58 1,114,878.59 5,574,392.95 AS SUBMITTED AS EVALUATED 6,445,025.21 1,329,925.84 PART E SURFACE COURSE 1,023,019,87 306,905.96 5,115,099.37 AS SUBMITTED AS EVALUATED PART F | BRIDGE CONSTRUCTION AS SUBMITTED AS EVALUATED 189,671.10 PART G DRAINAGE AND SLOPE PROTECTION 39,138.48 9,031.96 30,106.52 150,532.62 AS SUBMITTED AS EVALUATED 144,732.22 PART H MISCELLANEOUS STRUCTURES 29,865.38 6,892.01 22,973.37 114,866.84 AS SUBMITTED AS EVALUATED 3,041,731.49 14,925,419.60 TOTAL 710,734.27 2,330,997.23 11,883,688.11 AS SUBMITTED

Preparation and Submission:

Prepared by:

Checked/Submitted by

Engineer III

PIO MARIO T. LASASTESANTOS

PWH RO9

Evaluation:

Approval:

Reviewed as to Unit Cost:

SATURMINO O. TORREFRANCA

OIC Chief, Planning & Design Division

DPWH RO9

Recommending Approval:

Assistant Regional Director

Approved:

Regional Director

DRWH RO9



DPWH REGIONAL OFFICE IX

CONCRETING OF BRGY. SUCUBAN FMR, BRGY. SUCUBAN, OMAR, SULU

OMAR, SULU

APPROVED BUDGET FOR THE CONTRACT

Contract Duration:

			QUANTITY	s recommendation of	ESTIMATED DIRECT	TO	OTAL MARK-UP	VAT	TOTAL INDIRECT	TOTAL COST	UNIT COST
ITEM NO.	DESCRIPTION	DESCRIPTION		UNIT	COST	%	VALUE	VAI	COST	101/12 0001	A Designation of the Control of the
PART A	FACILITIES FOR THE ENGINEER										
100000000000000000000000000000000000000		AS EVALUATED									
	TOTAL OF PART A	AS SUBMITTED			*		•	•			
PART B	OTHER GENERAL REQUIREMENTS										
	Company September 198	AS EVALUATED								40.450.05	2.202.74
B.5	Project Billboard/Signboard	AS SUBMITTED	4.00	units	10,675.36	20%	2,135.07	640.52	2,775.59	13,450.95	3,362.74
		AS EVALUATED									
B.4 (1)	Construction Survey and Staking	AS SUBMITTED	0.55	km.	15,999.18	20%	3,199.84	959.95	4,159.79	20,158.96	36,853.68
		AS EVALUATED									Trian company and company of the
B.7	Occupational Safety and Health Program	AS SUBMITTED	1.00	L. S.	267,693.16	8%	21,415.45	14,455.43	35,870.88	303,564.04	303,564.04
		AS EVALUATED									
B.9	Mobilization & Demobilization	AS SUBMITTED	1.00	L. S.	68,086.08	0%		3,404.30	3,404.30	71,490.38	71,490.38
		AS EVALUATED									
	TOTAL OF PART B	AS SUBMITTED			362,453.78		26,750.36	19,460.21	46,210.57	408,664.34	

Preparation an	d Submission:
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Prepared by:

Checked/Submitted by:

PIO-MARIO T. LACASTESANTOS Engineer III DPWH RO9

Evaluation:

Reviewed as to Unit Cost:

DPWH RO9

PARTC	EARTHWORKS										
47.77		AS EVALUATED							400.000.00	594,302.56	182.92
102(2)	Surplus Common Excavation	AS SUBMITTED	3,249.00	cu.m.	471,668.70	20%	94,333.74	28,300.12	122,633.86	594,302.30	102.32
		AS EVALUATED								4.074.04	4,071.94
103(3)	Foundation Fill	AS SUBMITTED	1.00	cu. m.	3,231.70	20%	646.34	193.90	840.24	4,071.94	4,071.94
		AS EVALUATED								5 000 00	290.60
103(6)a	Pipe Culvert and Drain Excavation	AS SUBMITTED	18.00	cu.m.	4,151.48	20%	830.30	249.09	1,079.38	5,230.86	290.60
		AS EVALUATED								400,000,05	20.23
105(1)a	Subgrade Preparation	AS SUBMITTED	5,437.00	sq.m.	87,290.67	20%	17,458.13	5,237.44	22,695.57	109,986.25	20.23
		AS EVALUATED								740 504 54	
	TOTAL OF PART C	AS SUBMITTED			566,342.55		113,268.51	33,980.55	147,249.06	713,591.61	
PART D	SUBBASE AND BASE COURSE										
	2 50 TW	AS EVALUATED								7 000 705 40	4,076.46
200(1)	Aggregate Subbase Course, 0.30 m. thick	AS SUBMITTED	1,723.00	cu. m.	5,574,392.95	20%	1,114,878.59	334,463.58	1,449,342.17	7,023,735.12	4,070.40
		AS EVALUATED								7 000 705 40	
	TOTAL OF PART D	AS SUBMITTED			5,574,392.95		1,114,878.59	334,463.58	1,449,342.17	7,023,735.12	

Preparation and Submission:

Prepared by:

Checked/Submitted by:

PIO MARIO T. LACASTESANTOS Engineer III DPWH RO9

Evaluation:

Reviewed as to Unit Cost:

SATURNING STORREFRANCA
OIC-Chief, Planning & Design Division

DPWH RO9

PARTE	SURFACE COURSES										
A THE STREET		AS EVALUATED							1000 005 01	0.445.005.04	2,356.50
311(1)c1	Portland Cement Concrete Pavement, 0.23m. Thk.	AS SUBMITTED	2,735.00	sq. m.	5,115,099.37	20%	1,023,019.87	306,905.96	1,329,925.84	6,445,025.21	2,350.50
	TOTAL OF DARTE	AS EVALUATED							4 200 025 94	6,445,025.21	
	TOTAL OF PART E	AS SUBMITTED			5,115,099.37		1,023,019.87	306,905.96	1,329,925.84	0,445,025.21	
PART F	BRIDGE CONSTRUCTION										
		AS EVALUATED									
	TOTAL OF PART F	AS SUBMITTED			•						
PART G	DRAINAGE AND SLOPE PROTECTION STRUCTURES										
	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AS EVALUATED							44 005 00	54,305.52	5,430.55
500(1)b3	Pipe Culvert & Strom Drain,910 mm dia.	AS SUBMITTED	10.00	ln. m.	43,099.62	20%	8,619.92	2,585.98	11,205.90	54,305.52	5,430.33
		AS EVALUATED								44.007.40	7 400 50
505(2)a	Grouted Riprap, Class "A"	AS SUBMITTED	2.00	cu. m.	11,878.70	20%	2,375.74	712.72	3,088.46	14,967.16	7,483.58
		AS EVALUATED								100 000 40	0.500.00
506(1)	Stone Masonry	AS SUBMITTED	14.00	cu. m.	95,554.30	20%	19,110.86	5,733.26	24,844.12	120,398.42	8,599.89
		AS EVALUATED		0 12 21 21							
	TOTAL OF PART G	AS SUBMITTED			150,532.62		30,106.52	9,031.96	39,138.48	189,671.10	

Preparation and Submission:

Prepared by:

Checked/Submitted by

PIO MARIO T. LACASTESANTOS Engriseer III OPWH RO9

Evaluation:

Reviewed as to Unit Cost:

SATURNING C. ORREFRANCA Old-Chief, Planning & Design Division

DPWH RO9

	GRAND TOTAL	AS SUBMITTED			11,883,688.11		2,330,997.23	710,734.27	3,041,731.49	14,020,410.00	
	GRAND TOTAL	AS EVALUATED						740 704 07	3,041,731.49	14,925,419.60	
	TOTAL OF PART H	AS SUBMITTED			114,866.84		22,973.37	6,892.01	29,005.30	144,1 32.22	
	TOTAL OF PART H	AS EVALUATED						2 202 24	29.865.38	144.732.22	
612(2)	Yellow	AS SUBMITTED	18.00	sq.m.	15,029.00	20%	3,005.80	901.74	3,907.54	10,930.04	1,002.00
OFFICE PARTY.	Reflectorized Thermoplastic Pavement Marking,	AS EVALUATED						20171	2.007.54	18.936.54	1,052.03
612(1)	White	AS SUBMITTED	131.00	sq.m.	99,837.84	20%	19,967.57	5,990.27	25,957.84	125,795.00	300.21
	Reflectorized Thermoplastic Pavement Marking,	AS EVALUATED							05 057 94	125,795.68	960.27
PART H	MISCELLANEOUS STRUCTURES										

Preparation and Submission:

Prepared 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



CONCRETING OF BRGY. SUCUBAN FMR , BRGY. SUCUBAN, OMAR, SULU OMAR, SULU

No.	Equipment Description	Capacity	Number of Equipment	No.		Capacity	Number of Equipment
1	Bulldozer (D6H SERIES II PSDS/DD)		1	31	Air Compressor		
2	Htdraulic Telescopic Boom Truck			32	Drilling Machione Dry Type		
3	Payloader (LX80-2C)	1.50 m3/1.95 yd3	2	33	Pull Out Tester		
4	Motorized Road Grader (G710A)		2	34	Grouting Machine		
5	Vibratory Roller (SD100DC)	10mt	2	35	Power Spray		
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	1		
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	300000			57			
28				58			
29				59			
30				60			
	SUB-TOTAL	1			SUB-TOTAL		



0.55 km. 1.00

Item No. / Description

B.4(1)

Construction Survey and Staking

** ** ** **

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

2					1
	(G.2 + H.2 + I.2 + J.2)				
36,853.68	(G.1 + H.1 + I.1 + J.1)			Total Unit Cost - As Submitted	2
	5% of (G.2 + H.2 +l.2)			-	J.2
1,754.94	5% of (G.1 + H.1 +l.1)				
	10% / 8% of G.2				1.2
2,339.92	10% / 8% of G.1				=
	15% / 12%/ 10% / 8% of G.2	15%	aluated	_	
3,509.67	15% / 12%/ 10% / 8% of G.1	15%	bmitted		
29,248.95					
				Sub - Total for F.2 - As Evaluated	
				materials	F2
0,001.00				Sub-lotal for F.1 - As Submitted	
6 061 6				Sub Tatal for E 4 As Submitted	
288.65	288.65			miscellaneous(5% of Materials)	
4,600.00	40.00	115.00	pcs.	blue print as stake plan	2
1,173.00	51.00	23.00	sheets	Standard Stake Plan (800 mmm x 910 mm plotting)	_
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 + D.2) - As Evaluated	E.2
23,101.30				_	_
00.1					_
1.00					
				Total (A.2 + B.2) - As Evaluated	
23,187.30				Total (A.1 + B.1) - As Submitted	C.1
				Sub - Total for B.2 - As Evaluated	
				Edulpment	B.2
				oup - lotal for b.1 - As Sublinued	
2 700 00				C. Talain D. A. C. hailland	
2,700.00	100.00	27.00	_	Total Station Complete w/ accessories	B.1
				Equipment	m
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	col
					A.2
				Labor	TE
20,487.30				Sub - Total for A.1 - As Submitted	col
0.00					14
5,028.80	62.86	80.00	_	Skilled Laborers	s I
8,333.10	104.16	80.00	1	Geodetic Engineer	<u>α</u> Τ.
				For Office Works:	m I
2,615.76	48.44	27.00	2	Laborers	2.1
1,697.22	62.86	27.00	-	Skilled Laborers	S
2,812.42	104.16	27.00	-	Geodelic Engineer	0
0.00				For Fieldworks:	77
				Labor	e
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
		2.000000000000000000000000000000000000		SCHOOL WIND WIND	4

Item No. / Description Project Billboard

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

3					[
	(G.2+H.2+I.2+J.2)			K.2 Total Unit Cost - As Evaluated .	~ ?
3,362.74	(G.1 + H.1 + I.1 + J.1)				5 5
	5% of (G.2 + H.2 +l.2)				-
160.13	5% of (G.1 + H.1 +l.1)				ے
	10% / 8% of G.2				12
213.51	10% / 8% of G.1			1 Contractor's Profit (CP) - As Submitted	=
4	15% / 12%/ 10% / 8% of G.2	15%	aluated	_	= =
320.26	15% / 12%/ 10% / 8% of G.1	15%	bmitted		= 6
				2 Direct Unit Cost (E.2 + F.2) - As Evaluated	9.1
2.668.84					
				-	F.2
				Materials	T
2,422.00				Sub - Total for F.1 - As Submitted	
90,00	90.00	1.00	kg	Assorted CW Nails	
650.00	13.00	50.00	bd.ft.	Assorted Sizes lumber	- 110-
1,250.00	1,250.00	1.00	рс		Ξ
432.00	432.00	1.00	pc.	Marine Plywood (3/16* thk. 4' x 8')	
•				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
245.84					E.
00.1				2 Output per hour - As Evaluated	D.2
1.00					D.1
					C.2
246.84				_	61
				Sub - Total for B.2 - As Evaluated	
				2 Edulpment	B 2
				Equipment	T
				Sub - Total for B.1 - As Submitted	
•77					
					B.1
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					A.2
				Labor	
246.84				Sub - Total for A.1 - As Submitted	
0.00					
96.88	48.44	1.00	2	Laborers	
62.86	62.86	1.00	1	-	Α.
87.10	87.10	1.00	1	Const. Foreman	
0.00				Labor	
	and come	no. or monto	NO. OI I GISOINS	Designation	
Amount (PhP)	Hourly Rate	No of Hourls	No of Personis	Declaration	

Item No. I Description Occupational Safety and Health Program

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 1.00 l.s. 1.00

N.A)			
9	(G.2 + H.2 + I.2 + J.2)			_
337,293.38	(G.1+H.1+I.1+J.1)			
3	5% of (G.2 + H.2 +1.2)			J.2 Value Added Tax (VAT) - As Evaluated
16,061.59	5% of (G.1 + H.1 +1.1)			J.1 Value Added Tax (VAT) - As Submitted
	10% / 8% of G.2			I.2 Contractor's Profit (CP) - As Evaluated
21,415.45	10% / 8% of G.1			1.1 Contractor's Profit (CP) - As Submitted
	15% / 12%/ 10% / 8% of G.2	15%	aluated	
32,123.18	15% / 12%/ 10% / 8% of G.1	15%	bmitted	
267,693.16				G.1 Direct Unit Cost (E.1 + F.1) - As Submitted
				Sub - Total for F.2 - As Evaluated
				F 2
211,130,00				Sub- lotal for F.1 - As Submitted
211 750 00				D. F. T. L. C. T. A. C. L. W. L. L.
180,000.00	12,000.00	15.00	pcs.	Barricades/Signboards
2,500.00	2,500.00	1.00	set	First Aide Kit (Complete medicines & tools)
	300.00	30.00	bd.ft.	Rain Coats (Reinforced, Hip)
	175.00	30.00	рс	F.1 Working Gloves (Maong Materials)
15,000.00	500.00	30.00	pc.	Rubber BootsMen,Long w/ Steel Toe, Black
				Materials
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification
55,943.16				E.1 Direct Unit Cost (C.1 + D.1) - As Submitted
1.00				D.2 Output per hour - As Evaluated
1.00				D.1 Output per hour - As Submitted
55,943.16				C.1 Total (A.1 + B.1) - As Submitted
				Sub - Total for B.2 - As Evaluated
				B.2
				Equipment
٠				Sub - Total for B.1 - As Submitted
1				
				5.7
•				Equipment
Amount (PhP)	Hourly Rate	No. of Houris	No. of Unit's	Name and Capacity
				Sub - Total for A.2 - As Evaluated
				A.2
				Lapor
00,000.10				Sub- lotal for A.1 - As Submitted
55 QA2 16				
0.00				
0.00				
42,239.68	48.44	872.00	1	First Aider
13,703.48	62.86	218.00	-	Safety Practitioner
0.00				
				Labor
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Person/s	Designation

Item No. / Description

Mobilization/Demobilization

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

1.00 l.s. 1.00

	(G.Z+H.Z+1.Z+J.Z)			K 2 Total Unit Cost - As Evaluated	5
71,490.38	(G.1 + H.1 + I.1 + J.1)			Total Unit Cost - As Submitted	S
	5% of (G.2 + H.2 +1.2)			Value Added Tax (VAT) - As Evaluated	J.2
3,404.30	5% of (G.1 + H.1 +l.1)			Value Added Tax (VAT) - As Submitted	J.1
	10% / 8% of G.2			Contractor's Profit (CP) - As Evaluated	1.2
	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	1
	15% / 12%/ 10% / 8% of G.2	15%	aluated		Н.2
	15% / 12%/ 10% / 8% of G.1	15%	bmitted		H.1
					G.2
68,086.08				Direct Unit Cost (E.1 + F.1) - As Submitted	G.1
				Sub - Total for F.2 - As Evaluated	
					F.2
				Materials	
				Sub - Total for F.1 - As Submitted	
					Ξ
,				Materials	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
68,086.08					
1.00					
1.00				Output per hour - As Submitted	
•				Total (A.2 + B.2) - As Evaluated	C.2
68,086.08				Total (A.1 + B.1) - As Submitted	C
				Sub - Total for B.2 - As Evaluated	1
				Equipment	B.2
				Cub - Court of the	
68,086.08				Sub - Total for B.1 - As Submitted	
68,086.08	4,255.38	8.00	2	Low Bed Trailer	B.1
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit/s	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					Α2
				Labor	
0.00				Sub - Total for A.1 - As Submitted	
0.00					
0.00				Labor	
, and amount	mounty man	10.01100113	NO. OF F GISORIS	Designation	
Amount Phy	Hourly Rate	NO OF HOURIE	No of Pareonie		

DETAILED UNIT PRICE ANALYSIS (DUPA)

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

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated : 3,249.00 : cu.m. : 80.00

Unit Cost Amount (PhP) Unit Cost Amount (PhP)	15% 12% 10% 18% of G.1 15% 12% 10% 18% of G.2 10% 18% of G.2 10% 18% of G.2 5% of (G.1 + H.1 + I.1) 5% of (G.2 + H.2 + I.2) (G.2 + H.2 + I.2 + I.3 + I.3)	56 56	Submitted	Materials Materials Materials Materials Sub - Total for F.1 - As Submitted Sub - Total for F.2 - As Evaluated Materials F.2 Sub - Total for F.2 - As Evaluated G.1 Direct Unit Cost (E.1 + F.1) - As Submitted G.1 Direct Unit Cost (E.2 + F.2) - As Evaluated 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 H.2 Contractor's Profit (CP) - As Submitted L.1 Contractor's Profit (CP) - As Evaluated L.1 Value Added Tax (VAT) - As Evaluated L.1 Total Unit Cost - As Submitted K.2 Total Unit Cost - As Submitted	S
Amount (PhP)	%! 12%! 10%! 89 %! 12%! 10%! 89 10%! 8 10%! 8 5% of (G.1+ 5% of (G.1+	6 6	Submitted		
Amount (PhP)	%! 12%! 10%! 89 %! 12%! 10%! 89 110%! 89 5% of (G.1+	56 56	Submitted		
Amount (PhP)	%1 12%1 10%1 89 %1 12%1 10%1 89 %1 12%1 10%1 89	50 50	Submitted		
Amount (PhP)	%, I 12½, 10%, I 8: %, I 12½, 10%, I 8: 10%, I 8:	56 56	Submitted		
Amount (PhP)	%, I 12%, I 10%, I 83 %, I 12%, I 10%, I 83 10%, 8	33 25	Submitted		
Amount (PhP)	% 12% 10% 89	50 50	Submitted		= = 0 0 7
Amount (PhP)	11234 10% 188	150	Submitted		T 000 T
Amount (PhP)					E 00
Amount (PhP)					0 7 7
Amount (PhP)					79 79
Amount (PhP)				Materials Sub - Total for F	7 7
Amount (PhP)				Materials Sub - Total for F.	77
Amount (PhP)				Materials Sub - Total for F	77
Amount (PhP)				Materials	77
Amount (PhP)				Materials	Z)
Amount (PhP)				Materials	7
Amount (PhP)				Materials	.7
11, Amount (PhP)				Materials	.77
11, Amount (PhP)				Materials	7
Amount (PhP)				Materials	Ţ
11, Amount (PhP)				Materials	<u> </u>
11, Amount (PhP)					
11, Amount (PhP)					
11, Amount (PhP)					
11, Amount (PhP)					
11, Amount (PhP)				Name and Specification	
	Unit Cost	Quantity	Unit		7
11,613.88 80.00 80.00 145.17				_	-
11,613.88 - 80.00 80.00 145.17				Direct Unit Cost (C 2 ÷ D 2) - As Evaluated	n -
11,613.88 11,613.88 80.00					1 2
11,613.88					2 2
11,613.88					2 6
11,613.88				_	S
1,420,50					2
11,420,50				Sub - Total for B.2 - As Evaluated	
11,440,50				-	B.2
11,420.30				Equipment	1
44 420 00				Sub - Total for B.1 - As Submitted	
1,537.00		1.00	-	Backhoe	
1,420.00 4,260.00		1.00	3	Dump Truck	
1,733.00 519.90		0.30	_	-	
1,733.00		1.00	_		B.1
3,379.00 3,379.00		1.00	_	Bulldozer	
				Equipment	
Rate Amount (PhP)	Hourly Rate	No. of Houris	No. of Unit's	Name and Capacity	
			1	Sub - Total for A.2 - As Evaluated	
					A.2
				Labor	
184.98				Sub - Total for A.1 - As Submitted	
48.44 96.88		1.00	2		
87.10 87.10		1.00	_		Α.1
				Labor	
Rate Amount (PhP)	Hourly Rate	No. of Hourls	No. of Person/s	Designation	

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description 103(3) Foundation Fill

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated ** ** ** ** 1.00 cu.m. 1.25

					Γ
	(G.2 + H.2 + I.2 + J.2)			K.2 Total Unit Cost - As Evaluated	5 2
4.071.94	(G1+H1+ 1+.11)			_	J.2
	5% of (G 2 + H 2 + I 2)				٠.
193.90	5% of (G.1 + H.1 +l.1)				
	10% / 8% of G.2				3 =
258.54	10% / 8% of G.1				-
•	15% / 12% / 10% / 8% of G.2	15%	aluated		H.2
387.80	15% / 12%/ 10% / 8% of G.1	15%	bmitted		Ξ
•					G.2
3,231.70				_	6.1
				Sub - Total for F.2 - As Evaluated	
				_	F.2
				Materials	
2,885.95				Sub - Total for F.1 - As Submitted	-
			1		_
					3
					2
2,885.95	2,509.52	1.15	cu.m.	Filing Materials	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
					E.2
345.74				.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Ē
1.25				.2 Output per hour - As Evaluated	D.2
1.25				.1 Output per hour - As Submitted	D.1
•				_	C.2
432.18				_	2
				Sub - Total for B.2 - As Evaluated	1
				cquipment	B
130.32				Sub - Total for B.1 - As Submitted	
460.22					
2.82	1				:
24.50	2 450 00	0.01		Water truck	2
123.00	123.00	18		Equipment	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit's	Name and Capacity	
				Ond - Lotal Iol W.Y We Chautagen	
					ì
					Δ2
				Labor	
281.86				Sub - Total for A.1 - As Submitted	
193.76	48.44	1.00	4	Laborers	
87.10	87.10	1.00	1	Const. Foreman	A.1
				Labor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
			The second second		

DETAILED UNIT PRICE ANALYSIS (DUPA)

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

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

: 18.00 : cu.m. : 20.00

					ſ
	(G.2 + H.2 + I.2 + J.2)			_	× :
290.60	(G.1 + H.1 + I.1 + J.1)			K 1 Total Unit Cost - As Submitted	_ <
	5% of (G.2 + H.2 +l.2)				-
13.84	5% of (G.1 + H.1 +l.1)				
•	10% / 8% of G.2			1.2 Contractor's Profit (CP) - As Evaluated	_
18.45	10% / 8% of G.1			1.1 Contractor's Profit (CP) - As Submitted	_
	15% / 12%/ 10% / 8% of G.2	15%	valuated	155	=
27.68	15% / 12%/ 10% / 8% of G.1	15%	ubmitted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	I
				G.2 Direct Unit Cost (E.2 + F.2) - As Evaluated	G
230.64				G.1 Direct Unit Cost (E.1 + F.1) - As Submitted	G
				Sub - Total for F.2 - As Evaluated	
				F.2	77
				Materials	
				Sub - Total for F.1 - As Submitted	
T.					
r					
1					
				EA	.77
3					
34.					
0.00				Materials	
Annount from J	Oill Ocat	dusing	oiit	Name and opecification	
Amount (PhP)	Ilnit Cost	Quantity	ll _n ;		
					m !
230.64					7
20.00					9
20.00					D
					2
4,612.75				C.1 Total (A.1 + B.1) - As Submitted	5
				Sub - Total for B.2 - As Evaluated	
					B.2
				Equipment	
4,379.33				Sub - Total for B.1 - As Submitted	
•/.				mind a series and the	
233					!
2,840.00	1,420.00	1.00	2		
1,537.00	1.537.00	1.00	-	Barkhoe	
				Foundation	
Amount (PhP)	Hourly Rate	No. of Hourfs	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
				0.2	A.2
				Labor	
233.42				Sub - Total for A.1 - As Submitted	
222 62					
145.32	48.44	1.00	ω	-	
87.10	87.10	1.00	1	1.1 Const. Foreman	2
				Labor	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Person/s	Designation	

Subgrade Preparation

Item No. / Description

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

5,437.00 sq.m. 300.00

	(G.2 + H.2 + I.2 + J.2)			_	K.2
20.23	(G.1 + H.1 + I.1 + J.1)				Z :
	5% of (G.2 + H.2 +I.2)				J2
0.96	5% of (G.1 + H.1 +1.1)				<u>.</u>
	10% / 8% of G.2			_	12
1 1.28	10% / 8% of G.1				=
	15% / 12%/ 10% / 8% of G.2	15%	valuated	_	H.2
1.93	15% / 12%/ 10% / 8% of G.1	15%	ubmitted		Ξ :
					6.2
16.05				_	6.1
				Sub - Total for F.2 - As Evaluated	i
				materials	F.2
				Materiale	T
. 0				C.h. Tatal for E 4 - An Cuhmittad	
м 2					
					Ξ
					1
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
10:00				1	<u> </u>
16.05				Output per nour - As Evaluated	D.2
200.00				Output per nour - As Submitted	0.1
300.00				_	6.2
- Toriore				_	6.1
4 246 42					
				O. H. H. B. A. P. H. B.	5.2
				Equipment	,
1,000.00				Sub- lotal for b.1 - As Sublitteen	
A 631 50				Oct Tatalfor B4 As Cubmitted	
	The second second				
•					
					8.1
612.50	2,450.00	0.25	_	Water Truck	!
1,846.00	1,846.00	1.00	4	Road Roller	
2,173.00	2,173.00	1.00	1	Road Grader	
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit's	Name and Capacity	
				CHA COMPANY OF THE PARK THE PA	
				Sub - Total for A 2 - As Evaluated	
					i
					Α2
				Labor	
184.98				Sub - Total for A.1 - As Submitted	
					_
0.00					
0.00					_
			,	Laborers	-
96.88	48.44	100	9 -	Const. Polemon	>
87.10	87 10	100		0	
				Labor	T=
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Item No. / Description

200(1) **Aggregate Subbas Course**

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

1,723.00 cu.m. 50.00

	(G.2 + H.2 + I.2 + J.2)			Total Unit Cost - As Submitted	5 5
4 076 46	(G1+H1+11+11)			-	J.2
194.12	5% of (G.1 + H.1 +l.1)			-	7.1
	10% / 8% 01 6.2				1.2
258.82	10% / 8% of G.1			_	Ξ
	15% / 12%/ 10% / 8% of G.2	15%	aluated		H.2
388.23	15% / 12%/ 10% / 8% of G.1	15%	bmitted		H.1
•					G.2
3,235.28				_	G
				Sub - Total for F.2 - As Evaluated	7.7
				Materials	1
3,138.95				Sub - Total for F.1 - As Submitted	
10				\	Ξ
0,100,00	2,123.32		COLINE	(w/ 15% shrinkage)	
3 138 95		4 45		Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
00:00					_
00.00					
50.00					D.1
•				-	
4,816.48				Total (A.1 + B.1) - As Submitted	62
				Sub - Total for B.2 - As Evaluated	
				Equipment	B.
4,031.30				Sub - Total for B.1 - As Submitted	
A 224 KO					
T					
•					
	2,100.00	0.2.0		Water Hock	B.1
612.50	2.450.00	0.25		Water Truck	
1.846.00	2,173.00	1.00		Road Grader	
2 472 00					
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					A.2
				Labor	
184.98				Sub - Total for A.1 - As Submitted	10
topp					_
0.00					
					_
96.88	48.44	1.00	2	Laborers	A1
87.10	87.10	1.00	_	Const. Foreman	<u> </u>
				Labor	7.
					-1
Amount (PhP)	Hourly Rate	No. of Houris	No. of Person/s	Designation	

Item No. / Description

311(1)c1 Portland Cement Concrete Pavement, 0.23m. Thk.

Quantity
Unit of Me
Output pe
Output pe

: 2,735.00

		••	tput per hour - As Evaluated
	70.00		tput per hour - As Submitted
	.m.ps		of Measurement

				- 1.	Γ
2,000,00	(G.2+H.2+I.2+J.2)			K.2 Total Unit Cost - As Submitted K.2 Total Unit Cost - As Evaluated	~ ~
2 256 50	5% of (G.2 + H.2 +1.2)				۔
112.21	5% of (G.1 + H.1 +l.1)				ب
	10% / 8% of G.2				-
149.62	10% / 8% of G.1			-	-
	15% / 12%/ 10% / 8% of G.2	15%	valuated	H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Ξ
224.43	15% / 12%/ 10% / 8% of G.1	15%	ubmitted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Ŧ
•					G.
1,870.24				G.1 Direct Unit Cost (E.1 + F.1) - As Submitted	G.
				Sub - Total for F.2 - As Evaluated	1
				F.2	.TI
ijaaaiva				Materiale	
1.685.05				Sub - Total for E 1 - As Submitted	
1.4	165.00	0.0087	-	GreaseHar	_
1.87	263.33	0.0071	3	Pipe Sleeve, 1" dia.	
1.20	8,000.00	0.00015	pc.	Concrete Saw (Diamond Blade 14"dia.)	
667.95	305.00	219	bag	Portland Cement	
599.04	2,604.52	0.23	cu.m	Coarse Aggregates	
342.12	2,704.52	0.1265	cu.m	Fine Aggregates	7
27.60	60.00	0.46	3	Steel Forms	7
8.84	73.64	0.12	-	Asphalt Sealant	
13.92	48.00	0.29	-	Curing Compound	
21.07	49.00	0.43	kg.	Reinforcing Steel Bar	
				materials	
				Materiale	-
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
					E
185.19				E.1 Direct Unit Cost (C.1 + D.1) - As Submitted	E.
70.00				_	D.2
70.00				D.1 Output per hour - As Submitted	<u>p.</u>
•					C
12,963.47				C.1 Total (A.1 + B.1) - As Submitted	2
				Sub - Total for B.2 - As Evaluated	-
				Equipment	л 3
12,012.00				Sub-locator b.1 - As Submitted	T
12 042 65				Minor loois (5% of Labor Cost)	
21.90	219.75	0.10	-	Bar Cutter	
24.08	32.03	1.00		Concrete Saw	
2,450.00	2,450.00	1.00	-	Water Truck/Pump	
545.00	545.00	1.00	1	Concrete Screeder	
1,733.00	1,/33.00	1.00	_	-	
1,759.50	1,759.50	1.00	_		B.
182.50	91.25	1.00	2	Concrete Vibrator	
5,272.00	1,318.00	1.00	4	Transit Mixer	
				Edulpment	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	Τ
				.2	A.2
				Labor	
920.82				Sub - Total for A.1 - As Submitted	
901:20	10.41	1.00	12	Laborers	
86 183	62.86	1.00	4		2.1
87.10	87.10	1.00	_		0
				Labor	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Person/s	Designation	
				, , , , , , , , , , , , , , , , , , ,	

Item No. / Description 500(1)63 Pipe Culvert & Strom Drain,910 mm dia

Output per hour - As Submitted Output per hour - As Evaluated Unit of Measurement 10.00 In.m. 2.00

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
D.2 Output per hour - As Submitted
E.1 Direct Unit Cost (C.1 + D.1) - As Submitted
E.2 Direct Unit Cost (C.2 + D.2) - As Evaluated B.1 A.2 .1 **B.2** Ξ F.2 Sub - Total for F.2 - As Evaluated

Sub - Total for F.2 - As Evaluated

G.2 Direct Unit Cost (E.2 + F.1) - As Submitted

G.2 Direct Unit Cost (E.2 + F.2) - As Evaluated

H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted

Contractor's Profit (CP) - As Submitted

Contractor's Profit (CP) - As Submitted

Contractor's Profit (CP) - As Submitted

L2 Contractor's Profit (CP) - As Evaluated

L3 Value Added Tax (VAT) - As Evaluated

L4 Value Added Tax (VAT) - As Evaluated Minor Tools (10 % of Labor Cost)
Sub - Total for B.1 - As Submitted
Equipment Laborers Const. Foreman Portland Cement
Fine Aggregates
RC Pipes
Sand Bedding Equipment Sub - Total for A.2 - As Evaluated Sub - Total for A.1 - As Submitted Bachhoe Materials late Compactor Total Unit Cost - As Evaluated Sub - Total for F.1 - As Submitted Materials illed Laborers Name and Specification Name and Capacity Designation No. of Person/s bag cu.m cu.m No. of Unit's Unit No. of Hourls No. of Hour's Quantity 0.57 1.08 0.061 1.00 0.128 0.29 15% | 12% | 10% | 8% of G.1 15% | 12% | 10% | 8% of G.2 10% | 8% of G.1 10% | 8% of G.2 10% | 8% of G.2 5% of (G.1 + H.1 + I.1) 5% of (G.2 + H.2 + I.2) (G.1 + H.1 + I.1 + J.1) (G.2 + H.2 + I.2 + J.2) CheckediReviewed by:
PIO MARIO T. LICE DAY SANTOS
Engineer III
Dy Wyl RO9 **Hourly Rate Hourly Rate Unit Cost** 305.00 2,704.52 3,128.00 2,704.52 1,537.00 48.44 Amount (PhP) Amount (PhP) Amount (PhP) 164.98 3,128.00 346.18 4,309.96 3,968.56 445.73 35.67 5,430.55 499.71 110.44 517.20 49.65 258.60

Prepared by:

JOSEPHINE B. RENGQUIJO
Edgineerii
DPWH BO9

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

Quantity
Unit of Measurement
Output per hour - As Submitted : 2.00 : cu.m. : 1.25

		77.55557		
				Labor
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation
				Output per hour - As Evaluated :

				L	
	(6.2+H.2+I.2+J.2)			2 Total Unit Cost - As Submitted	2 3
7 483 58	5% of (G.2 + H.2 +l.2)				J.2
	5% of (G.1 + H.1 +l.1)				J.1
	10% / 8% of G.2				1.2
	10% / 8% of G.1				=
	15% / 12%/ 10% / 8% of G.2	15%	valuated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	E E
	1 50 1 4 70 L 1 4 70 L 1 80 L OF C 1	150	haithad	-	G.2
5,939.35				Sub - Total for F.2 - As Evaluated 1 Direct Unit Cost (E.1 + F.1) - As Submitted	6.1
				0.00	F.2
				Materials	
52.20 5,271.79				Misc.(1% of Materials Cost) Sub- Total for E 1 - As Submitted	
3,553.75	3,384.52	1.05	cum	Boulders	
	176.00	0.015	SO III	Eiller Cloth	
	2,004.52	0.015	CU.M	_	Ξ
	2,704.32	0.250	cum	Fine Aggregates	!
915.00	305.00	3.00	bag	Portland Cement	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
					E.2
667.56					E
					D.2
				_	D.1
					C.2
834,45				Total (A 1 + B 1) - As Submitted	2
					8.2
				Equipment	3
320.21				Sub - Total for B.1 - As Submitted	
				Minor Tools (5 % of Labor Cost)	
					B.1
122.00	2,450.00	0.05	_	Water Truck/Pump	
172.00	172.00	1.00	-	One Bagger Mixer	
				rdahman	
Amount (PhP)	Hourly Rate	No. of Hourds	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					A.2
				Labor	
514.24				Sub - Total for A.1 - As Submitted	
					2
	48.44	1.00	8	Laborers	
125.72	62.86	1.00	2	Skilled Laborers	
	87.10	1.00	_	Const. Foreman	
				Labor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Item No. / Description 506(1) Stone Masonry

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 14.00 cu.m. 1.60

B	1			
2)	(G.2+H.2+1.2+J.2)			
1) 8,599.89	(G.1+H.1+I.1+J.1)			K.1 Total Unit Cost - As Submitted
	5% of (G 2 + H 2 + 1 2)			_
409.52	50 of (C 1 + H 1 + 1 1)			
29	10% / 8% of G 2			_
	13% / 10% / 10% / 10% / 10% C.	%C1	valuated	_
1 819.04	15% / 12%/ 10% / 8% of G.1	15%	ubmitted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
6,825.31				G.1 Direct Unit Cost (E.1 + F.1) - As Submitted
				F.2 Sub. Total for E.2 - As Evaluated
				Materials
6,191.64				Sub - Total for F.1 - As Submitted
61.30				Misc. (1% of Materials Cost)
0,000.10	3,304.52	1.05	cu.m	Boulders
	176.00	0.015	sq.m.	Filter Cloth
	110.00	0.30	P	50mm (2") PVC Pipe
	2,604.52	0.020	cu.m	F.1 Gravel Fill
811.36	2,704.52	0.300	cu.m	Fine Aggregates
_	305.00	5.50	bag	Portland Cement
,				Materials
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification
				E.Z Direct Onit Cost (c.z + D.z) - As Evaluated
				E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted
633 67				
1.00				
180				
1,013.86				
4				Sub - Total for B.2 - As Evaluated
				B.2
				Equipment
499.62				Sub - Total for B.1 - As Submitted
51.42				Minor Tools (10 % of Labor Cost)
24.2				
1				
1	1,001.00	9.00	1	B.1 Dacking
153.70	1 537 00	0.00		Water Incorpuing
122.50	00.037.0	1.00		One Bagger Mixer
				Equipment
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit's	Name and Capacity
				Sub - Ioldi Iol W.Z - Wa Paginaten
				C.h Tatalfar A 2 As Evaluated
				Tue a
				A 2
				Labor
514.24				Sub - Total for A.1 - As Submitted
0.00				
0.00				
				A.1
387.52	48.44	1.00	8 1	I aborers
125.72	62.86	1.00	3 -	Const. Foreman
87.10	87 10	100	۵.	Labor
3				
Amount (PhP)	Hourly Rate	No. of Hourds	No. of Person/s	Designation

Item No. I Description

612(1) Reflectorized Pavement Markings, White

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

. 131.00 sq.m. 25.00

X X	Chash-dipolismed how			
	(G.2+H.2+I.2+J.2)			
960.27	(G.1+H.1+I.1+J.1)			
•	5% of (G.2 + H.2 +1.2)			12 Value Added Tax (VAT) - As Evaluated
45.73	5% of (G.1 + H.1 +l.1)			
٠	10% / 8% of G.2			I.2 Contractor's Profit (CP) - As Evaluated
60.97	10% / 8% of G.1			1.1 Contractor's Profit (CP) - As Submitted
•	15% / 12%/ 10% / 8% of G.2	15%	valuated	
91.45	15% / 12%/ 10% / 8% of G.1	15%	bmitted	
٠				Direct Unit Cost (E.2 + F.2) - As Evaluated
762.12				_
				Sub - Total for F.2 - As Evaluated
				F.2
				Materials
684.03				Sub - Total for F.1 - As Submitted
6.22				
1				
32.28				Misc.(5% of Materials Cost)
•				
	00.00	0.120	Ž,	Casamic
3.75	30.00	0.002	5 9	Calcumina Calcumina
2.16	1,000.00	0.000	2 5	-
18.00	4 500 00	0.004	2 '	E 1 PG/S0 kg)
24 00	200.00	0.120	Pool	Primor
82.50	2.500.00	0.023	Dan ug	Clase Roads
515.13	1 585 00	30£ U	han	Thermonlastic Paint White
				Materials
Amount (PhP)	Unit Cost	Quantity	Unit	_
				_
78.09				E 1 Direct Unit Cost (C 1 + D 1) - As Submitted
25.00				D.1 Output per lion - As Sublinated
25.00				_
1,952.35				-
				Sub - Total for B.2 - As Evaluated
				B.2
				Equipment
1,534.99				Sub - Total for B.1 - As Submitted
41.74				Minor Tools (10 % of Labor)
, .				
107.30	187.50	1.00	-	Kneading Machine
187 50	93.75	1.00		B.1 Applicator Machine
1,212,10	1,212.00	1.00		_
4 040 00				
				Equipment
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit/s	Name and Capacity
				Sub - Total for A.2 - As Evaluated
				A.2
				Labor
417.36				Sub - Total for A.1 - As Submitted
0.00				
				EMPORCIA
290.64	48 44	100	6 2	A.1 Skilled Laborers
125.72	67.10	1.00	3	Const. Foreman
0740				Labor
Amount ham)	nouny nate	No. of mounts	NO. OF PERSONS	Designation
Amount (DhD)	House Bata	No of House	Was at Barraila	

Prepared by:

Item No. / Description

612(2)

Reflectorized Pavement Markings, Yellow

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

.. 18.00 sq.m. 25.00

/					
	(G.2+H.2+I.2+J.2)			K.2 Total Unit Cost - As Evaluated	K.2
1.052.03	(G1+H1+I1+ I1)				J.2
01.00	5% of (G.1 + H.1 +1.1)			1	J.1
50 40	10/01/0/01/07				1.2
	10% / 8% of G.2			20	5 =
66.80	10% / 8% of G.1		airairea		7.1
	150, 140% 160% 18% of G 2	15%	aluated	Overhead, Contingencies of Missellaneous (OCM) - As Sustanted	=
100.19	15% / 12%/ 10% / 8% of G.1	15%	hmitted	-	G.2
034,34				-	G.1
92404					
				Materials	F.2
				Materials 101 1.1 - Na Outlineau	
756.85				Sub- Total for E 1 - As Submitted	
36.04				Misc.(5% of Materials Cost)	
3.75	30.00	0.125	Kp .	Calsurine	
216	1.080.00	0.002	CA .	_	
18.00	4,500.00	0.004	S.		Ę
29.40	245.00	0.120	- 3	Primer	
82.50	2.500.00	0.033	han	Class Reads	
585.00	1.800.00	0.325	han	Thermoviactic Paint White	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
		A)		Direct ouit cost	E.2
76.09					E.
25.00					D.2
25.00					D.1
				Total (A.2 + B.2) - As Evaluated	S
1.952.35					2
					B.2
				Equipment	
1,534.99				Sub - Total for B.1 - As Submitted	
41.74				Minor Tools (10 % of Labor)	
187.50	187.50	1.00	_	Kneading Machine	
93.75	93.75	1.00	-	Applicator Machine	B.1
1,212.00	1,212.00	1.00	1	Cargo Truck	
				Paristration	
				Fouriement	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					2
				Labor	
417.30				Sub - Total for A.1 - As Submitted	
247.76					
0.00					
			d	Laborers	
290.64	48.44	1.00	6 2	Skilled Laborers	A
87.10	87.10	1.00	-	Const. Foreman	T =
				Labor	
Amount (PnP)	Hourly Rate	No. of Hour's	No. of Person/s	Designation	

Prepared by:

UNIT COST ANALYSIS FOR HAULING COST FOR ALL AGGREGATES

Hauling Cost from the Coctabato supplier to Wharf I (Cotabato)

Terrain Flat to Rolling

Item No. : ALL AGGREGATES Quantity : 1,000.00 Hauling Distance cu.m. 5.00

Effective Working Hours 8.00 hrs.

Hauling: Using 10.00 cu.m.capacity Dumptruck

Unit weight of Fine Aggregates Weight of Dumptruck (cap. 10.00 cu.m.) Unit weight of Coarse Aggregates 1,534.00 16,000.00 1,640.00 kg/m3 kg/m3 kgs.

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

Maximum Volume to be Carried per DT

11.57

cu.m.

Speed when loaded 30.00 kph

Speed when unloaded 40.00 kph

Loaded running Unloaded running 5.00 × 60 = 5.00 30.00 × 10.00 mins. 7.50 mins.

Loading and Unloading 10.00 40.00 mins.

Capacity of Dumptruck 10.00 cu.m.

Total Cycle time 10 x 60.00 = 27.50 mins.

No. of trips for Dumptruck 27.50 21.82 say 21.82 trips

Using (4) Dumptrucks Dumptruck daily output n 4 5 x 218.18 21.82 218.18 cu.m. 872.73 cu.m.

 No. of days for Dumptrucks No. of days for Payloader 11 11 Complimentary to Dumptruck 1,000.00 872.73 11 11 1.15 say 1.15 1.15 days days

EQUIPMENT USED: (2009 ACEL RATES)

4 Unit Dumptruck Payloader @P @ P 11,360.00 /day 13,864.00 /day Sub - Total 1.15 days = P 1.15 days = P P 67,952.50 15,885.83

Unit Cost Estimated Quantity 1,000.00 cu.m. 13.59 / cv. m./km. (Unit Cost, Havling per cv.m.per km.)

Grand Total Equipment P P 67,952.50 67,952.50

Materials PP

UNIT COST ANALYSIS FOR HAULING COST FOR ALL AGGREGATES

Hauling Cost from the Coctabato Wharf I to Jolo, Sulu Wharf 2:

Item No. ALL AGGREGATES Terrain : Flat to Rolling

Quantity 800.00 Effective Working Hours Unit cu.m. 24.00 hrs.

Safe Navigation Route for Cotabato-Jolo,Sulu(per ZC harbor Pilot Office)

Distance (Cotabato-Zamboanga)

135.00

n.m.

Distance (Zamboanga-Jolo Port,Sulu) 80.00 n.m.

Total Distance 215.00 n.m.

Hauling: 800.00 cu.m.capacify Deck Barge

Unit weight of Coarse Aggregates Unit weight of Fine Aggregates Weight of Barge (cap. 1000 Ton DWT) Allowable Total/Volume of Barge 1,534.00 1,640.00 800.00 0.00 cu.m.3 kg/m3 kg/m3 kgs.

Maximum Volume to be Carried per DB 800-1000 cu.m.

*Barge & Tugboat days computation: TIME-MOTION ANALYSIS

Speed when loaded 3.00 n.m.

Speed when unloaded 5.00 215.00 n.m.

Loaded running

Unloaded running 215.00 5.00 43.00 hrs.

3.00

II

71.67 hrs.

Loading and Unloading 33.33 hrs.

Capacity of Barge 800.00

Total Cycle time 148.00 hrs. cu.m.

No. of days for Barge per 148.00 24.00 6.17 say 6.17

Barge output per trip 800.00 = 800.00 cu.m.

Dumptruck daily output 5 6.17 61.67 cu.m.

Using (4) Dumptrucks 11 x 61.67 246.66 cu.m.

EQUIPMENT USED: (2014 ACEL RATES)

- Unit Barge & Tugboat Unit Crane w/ clamshell @ P @ P 160,776.00 /day 5,540.00 /day 3.08 days = P 6.17 days ₽ P P 1,008,510.95 17,081.28

LABOR: Foreman

@ P

696.80 /day

××

4,779.31 4,296.84

6.17

days days = P

ПP

2	- Unit Dumptruck	@ P	387.52 /day	×	6.17	6.17 days = P	וו ס	4,779.31
				s	Sub - Total	ofal	~	9,076.14
MISCE	MISCELLANEOUS EXPENSES:							
_	-Lumpsum(local operators @ P		15,000.00 L.S.				P	15,000.00
	& other misc. fees)			~	Sub - Total		۰	15.000.00

Estimated Quantity 800.00 cu.m.

Sub - Total

7

15,000.00

Unit Cost 6.00 / cu. m./n.m. (Unif Cost, Havling per cu.m.per n.m.)

Miscellaneous Equipment **Grand Total** 7 7 1,032,587.09 1,008,510.95 15,000.00 9,076.14



Hauling Cost from the Bato-Bato Wharf 2 to Project Site

Item No. : ALL AGGREGATES Terrain : Flat to Rolling

Quantity : 1,000.00 Hauling Distance cu.m. 5.00 km.

Effective Working Hours

Hauling: Using 10.00 cu.m.capacity Dumptruck 8.00 hrs.

Unit weight of Coarse Aggregates Unit weight of Fine Aggregates Weight of Dumptruck (cap. 10.00 cu.m.) 16,000.00 1,534.00 1,640.00 kg/m3 kg/m3 kgs.

Maximum Volume to be Carried per DT *Dumptruck (10 Wheeler) days computation: TIME-MOTION ANALYSIS

11.57

cu.m.

Speed when loaded 25.00 kph

Loaded running Speed when unloaded 5.00 35.00 × % kph 12.00 mins.

Unloaded running 5.00 × 60 25.00 35.00 8.57 mins.

Loading and Unloading 10.00 mins.

Capacity of Dumptruck 10.00 cu.m.

No. of trips for Dumptruck Total Cycle time 30.57 60.00 mins. 19.63 say 19.63 trips

Dumptruck daily output 10 196.26 cu.m.

30.57

Using (4) Dumptrucks x 19.63 = x 196.26 = 785.05 cu.m.

1. No. of days for Dumptrucks 11 1,000.00 785.05 1.27 say 1.27 days

EQUIPMENT USED: (2014 ACEL RATES)

4

Payloader

 Unit Dumptruck @ P @ P 13,864.00 /day 1.27 days = P

11,360.00 /day ×× Sub - Total 1.27 days = P P 57,881.90 75,542.00 17,660.10

Estimated Quantity 1,000.00 cu.m.

Unit Cost Grand Total P P 75,542.00 15.11 / cu. m./km. (Unit Cost, Havling per cu.m.per km.)

Materials 7 7

Equipment

75,542.00



HAULING COST FROM WHARF 2 JOLO, SULU TO PROJECT SITE (HAULING COST III)

	Ave. Hauling Distance		Hauling Cost Il per cu.m.		Hauling Cost per cu.m.		≡au	Hauling Cost III per cu.m.
Cost of Fine Aggregates:	58.00	×	13.59	n	788.25	10		788.25
Cost of Coarse Aggregates:	58.00	×	13.59	н	788.25	н		788.25
Cost of Item 200 Materials:	58.00	×	13.59	п	788.25	н		788.25
Cost of Item 201 Materials:	58.00	×	13.59	п	788.25	11		788.25
Cost of Item 300 Materials:	58.00	×	13.59	II	788.25	II		788.25
Cost of Boulders:	58.00	×	13.59	H	788.25	п		788.25
Cost of Embankmen, Common Borrow:	10.00	×	13.59	n	135.91	11		135.91
Cost of Embankmen. Selected Borrow:	58.00	×	13.59	11	788.25	и	1,550	788.25



HAULING COST FROM COTABATO SUPPLIER TO WHARF I (HAULING COST I)

	Ave. Hauling Distance		Unit Cost per cu.m./km.		Havling Cost per cu.m.		Hauling Cost I per cu.m.
Cost of Fine Aggregates:	5.00	×	15.11	11	75.54	п	75.54
Cost of Coarse Aggregates:	5.00	×	15.11	11	75.54	11	75.54
Cost of Hem 200 Materials:	5.00	×	15.11	11	75.54	ж	75.54
Cost of Hem 201 Materials:	5.00	×	15.11	п	75.54	íí	75.54
Cost of Hem 300 Materials:	5.00	×	15.11	tt	75.54	11	75.54
Cost of Boulders:	5.00	×	15.11	ij	75.54	n	75.54
Cost of Embankmen, Common Borrow:	5.00	×	15.11	n	75.54	н	75.54
Cost of Embankmen, Selected Borrow:	5.00	×	15.11	u	75.54	п	75.54

HAULING COST FROM COTABATO WHARF 1 TO WHARF 2 JOLO, SULU (HAULING COST II)

	Ave. Hauling Distance		Unit Cost per cu.m./km.		Hauling Cost per cu.m.		Hauling Cost Il per cu.m.
Cost of Fine Aggregates:	215.00	×	6.00	н	1,290.73	п	1,290.73
Cost of Coarse Aggregates:	215.00	×	6.00	н	1,290.73	11	1,290.73
Cost of Hem 200 Materials:	215.00	×	6.00	ii	1,290.73	11	1,290.73
Cost of Hem 201 Materials:	215.00	×	6.00	n.	1,290.73	311	1,290.73
Cost of Hem 300 Materials:	215.00	×	6.00	н	1,290.73	11	1,290.73
Cost of Boulders:	215.00	×	6.00	ш	1,290.73	и	1,290.73
Cost of Embankmen, Common Волоw:	215.00	×	6.00	11	1,290.73	п	1,290.73
Cost of Embankmen, Selected Borrow:	215.00	×	6.00	11	1,290.73	ū	1,290.73



CONCRETING OF BARANGAY SUCUBAN FARM - TO - MARKET ROAD

BARANGAY SUCUBAN

OMAR, SULU KM. 00+000.00 TO KM. 00+545.00 NET LENGTH :545.00 Ln.M. (1.09 Lane Km.) SUMMARY OF QUANTITIES

			***************************************	ACCOUNTY TO ACCOUN
ITEM	DESCRIPTION	UNIT	VITTINAUG	REMARKS
No.				The Property
102(2)	Surplus Common Excavation	Cu.M.	3,242.00	FOI Disposal
103(3)	Foundation Fill	Cu.M.	1.00	For RCPC beddings
102/6/2	Dine Culvert and Drain Excavation	Cu.M.	18.00	For RCPC Excavation
D(n)cn			00 017 3	Variable width
105(1)a	Subgrade Preparation	Sq.M.	5,418.00	variable whom
200(1)	Aggregate Sub-base Course	Cu.M.	1,717.00	0.25 m, thk.(min.) Compacted Volunie.
	December Parament	Sq.M.	2,725.00	0.23 m. thk., includes widening
311(1)c1	POLICIA CONTRACTOR STATE	3	10.00	Class TV. Wall B. AASHTO M - 170 - 85
500(1)b3	Reinf. Conc. Culvert Pipe, (YIUTHII Clay)			
505(2)a	Grouted Riprap, Class "A"	Ω.M.	2.00	For Headwaii abioii
	Chan Marana	Cu.M.	14,00	For Headwall and wingwall
506(1)	Stone Mastings (Mhite)	Sa.M.	131.00	For Center lines(Separation) & Edge Lines
612(1)	Reflectionized Thermoplastic Pavellient Plankings (************************************	1		
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	Sq.M.	18.00	
	of Fact Office for the Engineer	Each	1.00	For Government Field Office (7.00m. X 9.00m.)
A.1.1(3)	Const. of Held Office for the Crightness			Τ̈́
B.5	Project Billboard	Each	4,00	Per D.O. # 37, 8. 2010
,	Control Hoolth Program	Mos.	4	
D.	Callan Cartal			
Phn 25 00%				

Рhр. 25.00М.