CD





PROGRAM OF WORKS/BUDGET COST

BIONAL OFFICE IX

	CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS
Project	. REHABJIMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY, SAN
10,000	' IOSE DOD INTERNA DART OF SUBJECT DIVER INTERNA ZAMPONNOS SIDUCAY

Project ID Location

Station Limits : 0 + 020.00 TO 0 +025.00, 0 + 037.00 TO 640.00, 0 + 640.00 - 0 + 735.00

Appropriation 116,617,000.00 Php Source of Fund

IMELDA, ZAMBOANGA SIBUGAY

: (a) Road Net Length 703.00 ln.m. (b) Bridge (c) Others Target Start Date Total Project Duration 450 CD No. of Pre-determined 76 CD

44

DESCRIPTION OF WORKS TO BE DONE	CHANTITY	LIMIT	AS	S SUBMITTED		AS EVALUATED
DESCRIPTION OF WORKS TO BE DONE	QUANTITY	UNIT	% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST
rt A: Facilities for the Engineer			1.39	1,255,724.76		
B: Other General Requirements			0.59	537,323.44		
C: Earthwork			1.53	1,384,646.15		
D: Subbase and Base Course			1.15	1,038,913.92		
J: Flood Control and Drainage			2.03	1,840,706.15		
F: Bridge Construction			17.82	16,150,589.60		
G: Drainage and Slope Protection Structures			21.54	19,513,756.51		
i: Materials Details			0.00	-		
I-B Bank and Slope Protection Works			53.95	48,886,635.85		
	Total		100.00	90,608,296.36		

EQUIPMENT:

DESCRIPTION	REQUIRED
(PLS. SEE FORM POW-ANNE	EX B)

BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	6,541,622.20	
2. Materials	72,472,076.35	
3. Rental of Equipment	11,594,597.81	
4. Provisional Sum / Daywork		
5. OCM and Profit	16,117,210.83	
6. Value Added Tax	5,336,275.36	
7. EAO, %	4,081,595.00	
8. RROW Acquisition	473,622.44	
9. Physical Reserved (Contingency)		
10.TOTAL ESTIMATED COST	116,617,000.00	

Evaluation:

Reviewed as to Unit Cost

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	90,608,296.36	
B. OCM and Profit	16,117,210.83	
C. Value Added Tax	5,336,275.36	
D. Total Construction Cost	112,061,782.56	
E. Eng'g & Administrative Overhead, %	4,081,595.00	
F. RROW Acquisition	473,622.44	
G. Physical Reserved (Contingency)		
H. TOTAL ESTIMATED COST	116,617,000.00	

Preparation and Submission:

DPWH RO9

Prepared by:

Checked/Submitted by:

ISIDRA A. ESTANISLAO

Engineer IV - Chairman Estimating Committee DPWH RO9

SATURMINO C TORREFRANCA OlC-Chief, Planning & Design Division

DPWH RO9

Approval:

Recommending Approval

KHADAFF D. TANGGOL

Unworkable Days

OIC-Assistant Regional Director DPWH RO9

Approved:

CAYAMOMBAO D. DIA Regional Director DPWH RO9



CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY IMELDA, ZAMBOANGA SIBUGAY

APPROVED BUDGET FOR THE CONTRACT

Contract Duration: 450 TOTAL MARK-UP TOTAL INDIRECT ITEM NO. DESCRIPTION ESTIMATED DIRECT COST VAT TOTAL COST **UNIT COST** COST % VALUE AS EVALUATED PART A FACILITIES FOR THE ENGINEER AS SUBMITTED 1.255.724.76 103,074.68 67,939.97 171,014.65 1,426,739.41 AS EVALUATED PART B OTHER GENERAL REQUIREMENTS AS SUBMITTED 537,323.44 27,391.49 55.627.23 592.950.67 28,235.75 AS EVALUATED PART C EARTHWORK AS SUBMITTED 1.384.646.15 249,236.31 81,694.12 330,930.43 1,715,576.58 AS EVALUATED PART D SUBBASE AND BASE COURSE AS SUBMITTED 1,038,913.92 187,004.51 61.295.92 248,300,43 1,287,214,34 AS EVALUATED PART J FLOOD CONTROL AND DRAINAGE AS SUBMITTED 1,840,706.15 331.327.11 108,601,66 439,928.77 2,280,634.92 AS EVALUATED PART F BRIDGE CONSTRUCTION 16,150,589,60 AS SUBMITTED 2,907,106.13 952,884.79 3,859,990.91 20,010,580.51 AS EVALUATED PART G DRAINAGE AND SLOPE PROTECTION AS SUBMITTED 19,513,756.51 3,512,476.17 1,151,311.63 4.663.787.80 24,177,544,31 AS EVALUATED PART I-B BANK AND SLOPE PROTECTION 48.886.635.85 AS SUBMITTED 8,799,594.45 2,884,311.52 11,683,905.97 60,570,541.82 AS EVALUATED TOTAL AS SUBMITTED 90,608,296.36 16,117,210.83 5,336,275.36 21,453,486.19 112,061,782.56

Preparation and Submission:

Checked/Submitted by:

Reviewed as to Unit Cost:

Evaluation:

Recommending Approval:

Approval:

Approved:

Prepared by:

Engineer IV - Chairman Estimating Committee

DPWH RO9

SATURNING TORREFRANCA

Olg-Chief, Planning & Design Division

DPWH RO9

OIC-Assistant Regional Director

DPWH RO9





CONSTJREHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHABJIMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY IMELDA, ZAMBOANGA SIBUGAY

APPROVED BUDGET FOR THE CONTRACT

Contract Duration

										Contract Duration:	
ITEM NO.	DESCRIPTION		QUANTITY	UNIT	ESTIMATED DIRECT	T	OTAL MARK-UP	VAT	TOTAL INDIRECT	TOTAL COST	UNIT COST
II LIII IVO.	DESCRIPTION		QUANTITI	ONIT	COST	%	VALUE	VAI	COST	TOTAL COST	UNIT COST
PART A	FACILITIES FOR THE ENGINEER										
۸ 1 1(2)	Construction of Field Office for the Engineer (7.0m. X 9.0 m.)	AS EVALUATED									
A.1.1(3)	Construction of Field Office for the Engineer (7.0m. x 9.0 m.)	AS SUBMITTED	1.00	L.S.	480,823.76	18%	86,548.28	28,368.60	114,916.88	595,740.64	595,740.64
A.1.1(11)	Provision of Furnitures/Fixtures, Equipment and Appliances	AS EVALUATED									
A.1.1(11)	for theField Office for the Engineers	AS SUBMITTED	1.00	L. S.	206,580.00	8%	16,526.40	11,155.32	27,681.72	234,261.72	234,261.72
A. 1.2	Operation and Maintenance of Gov't Service Vehicle	AS EVALUATED									
Λ. 1.2	Operation and Maintenance of Gov (Service Vehicle	AS SUBMITTED	1.00	L.S.	568,321.00	0%		28,416.05	28,416.05	596,737.05	596,737.05
	TOTAL OF PART A	AS EVALUATED									
	TOTAL OF PART A	AS SUBMITTED			1,255,724.76		103,074.68	67,939.97	171,014.65	1,426,739.41	
PART B	OTHER GENERAL REQUIREMENTS										
B.5	Project Billboard/Signboard	AS EVALUATED									
5.5	Troject Biliboard/Sigriboard	AS SUBMITTED	4.00	units	14,579.49	18%	2,624.31	860.19	3,484.50	18,063.99	4,516.00
B.4 (1)	Construction Survey and Staking	AS EVALUATED					19				
D.4 (1)	Construction ourvey and stanning	AS SUBMITTED	0.70	km.	20,117.67	18%	3,621.18	1,186.94	4,808.12	24,925.79	35,456.31
B.7	Occupational Safety and Health Program	AS EVALUATED									
D.1	Coccupational Galety and Health Flogram	AS SUBMITTED	1.00	L. S.	264,325.00	8%	21,146.00	14,273.55	35,419.55	299,744.55	299,744.55
B.9	Mobilization & Demobilization	AS EVALUATED									
D.3	Woomzason & Demobilization	AS SUBMITTED	1.00	L. S.	238,301.28	0%	•	11,915.06	11,915.06	250,216.34	250,216.34
	TOTAL OF PART B	AS EVALUATED									
	TOTAL OF PART B	AS SUBMITTED			537,323.44		27,391.49	28,235.75	55,627.23	592,950.67	
PART C	EARTHWORK										
104(2)a	Embankment from Borrow	AS EVALUATED									
104(2)4	Lindananent IIom Bonow	AS SUBMITTED	2,179.00	cu.m.	1,384,646.15	18%	249,236.31	81,694.12	330,930.43	1,715,576.58	787.32
	TOTAL OF PART C	AS EVALUATED									
	TOTAL OF FART C	AS SUBMITTED			1,384,646.15		249,236.31	81,694.12	330,930.43	1,715,576.58	

Preparation and Submission:

Prepared by:

Checked/Submitted by:

Reviewed as to Unit Cost

Evaluation:

SATURMINO C. TORREFRANCA OC-Chief, Planning & Design Division

DPWH RO9

ISIDRA A. ESTANISLAO Engineer IV - Chairman Estimating Committee DPWH RO9

						27700					
PART D	SUBBASE AND BASE COURSE										
200(1)	Aggregate Subbase Course	AS EVALUATED									
200(1)	Aggregate Subbase Course	AS SUBMITTED	970.00	cu.m.	1,038,913.92	18%	187,004.51	61,295.92	248,300.43	1,287,214.34	1,327.03
	TOTAL OF PART C	AS EVALUATED									
	TOTAL OF PART C	AS SUBMITTED			1,038,913.92		187,004.51	61,295.92	248,300.43	1,287,214.34	
PART J	FLOOD CONTROL AND DRAINAGE										
1702(1)	Structure Excavation	AS SUBMITTED	8,009.00	cu.m.	1,840,706.15	18%	331,327.11	108,601.66	439,928.77	2,280,634.92	284.76
	TOTAL OF PART C	AS EVALUATED									
	TOTAL OF PART C	AS SUBMITTED			1,840,706.15		331,327.11	108,601.66	439,928.77	2,280,634.92	
PART F	BRIDGE CONSTRUCTION										
404(4)-	Beinfereine Steel (Conde 40)	AS EVALUATED									
404(1)a	Reinforcing Steel, (Grade 40)	AS SUBMITTED	45,822.00	kg.	2,278,414.94	18%	410,114.69	134,426.48	544,541.17	2,822,956.11	61.61
101(1)	Beinfereine Steel Bee (Greeks 60)	AS EVALUATED									
404(1)b	Reinforcing Steel Bar, (Grade 60)	AS SUBMITTED	10,268.00	kg.	542,901.68	18%	97,722.30	32,031.20	129,753.50	672,655.18	65.51
105(1) 0	Standard Consider Classification	AS EVALUATED									
405(1)a3	Structural Concrete, Class"A"	AS SUBMITTED	1,865.00	cu.m.	13,329,272.98	18%	2,399,269.14	786,427.11	3,185,696.24	16,514,969.22	8,855.21
	TOTAL OF PART F	AS EVALUATED									
	TOTAL OF PART F	AS SUBMITTED			16,150,589.60		2,907,106.13	952,884.79	3,859,990.91	20,010,580.51	
PART G	DRAINAGE AND SLOPE PROTECTION STRUCTURES										
222.5		AS EVALUATED									
508(1)	Handlaid Rock Embankment	AS SUBMITTED	15,365.00	cu.m.	19,513,756.51	18%	3,512,476.17	1,151,311.63	4,663,787.80	24,177,544.31	1,573.55
		AS EVALUATED									· ·
	TOTAL OF PART G	AS SUBMITTED			19,513,756.51		3,512,476.17	1,151,311,63	4,663,787.80	24,177,544.31	

Preparation and Submission:

Prepared by:

Checked/Submitted by:

Engineer IV - Chairman Estimating Committee

DPWH RO9

Evaluation:

Reviewed as to Unit Cost

Olf-Chief Planing & Design Division

DPWH RO9

J

PART I-B	BANK AND SLOPE PROTECTION										
1716(6)	Structural Steel Sheet Piles, Furnished (0.40wide)	AS EVALUATED									
1710(0)	official Steel Sheet Files, Furnished (0.40wide)	AS SUBMITTED	10,848.00	In.m.	35,024,114.49	18%	6,304,340.61	2,066,422.76	8,370,763.36	43,394,877.86	4,000.27
1716/12)	Structural Steel Sheet Piles, Driven	AS EVALUATED									
1710(12)	Ordetara Greet Greet Files, Briver	AS SUBMITTED	10,848.00	ln.m.	8,144,617.38	18%	1,466,031.13	480,532.43	1,946,563.55	10,091,180.93	930.23
1716(16)	Steel Sheet Test Piles, Furnished and Driven	AS EVALUATED									
11 10(10)	otoci onect restriles, i umaned and briven	AS SUBMITTED	12.00	ln.m.	66,274.54	18%	11,929.42	3,910.20	15,839.61	82,114.15	6,842.85
1710(2)a	Grouted Riprap, Class "A"	AS EVALUATED									
	orottos ruprap, oraco 77	AS SUBMITTED	1,930.00	cu. m.	5,651,629.44	18%	1,017,293.30	333,446.14	1,350,739.44	7,002,368.88	3,628.17
	TOTAL OF PART I-B	AS EVALUATED									
	107/2017/44172	AS SUBMITTED			48,886,635.85		8,799,594.45	2,884,311.52	11,683,905.97	60,570,541.82	
	GRAND TOTAL	AS EVALUATED									
	OIGHID TO ME	AS SUBMITTED			90,608,296.36		16,117,210.83	5,336,275.36	21,453,486.19	112,061,782.56	

90,608,296.36

Preparation and Submission:

Prepared by:

Checked/Submitted by:

ISIDRA A. ESTANISLAO

Engineer IV - Chairman Estimating Committee
DPWH R09

Evaluation:

Reviewed as to Unit Cost:

SATURNING C. JORREFRANCA
ODC-Chief, Planning & Design Division
DWH R09



FIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHABJIMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAN IMELDA, ZAMBOANGA SIBUGAY

						DETA	ILED BREAKDOW	IN OF COMPONE	NT COST FOR E	ACH ITE	EM		
ITEM NO.	DESCRIPTION		%	QTY.	UNIT		DIREC	T COST		TO	TAL MARK-UP	50/ 1/27	TOTAL COST
			70	WIT.	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	5% VAT	TOTAL COST
PARTA	FACILITIES FOR THE ENGINEER								(10 Feb. 10 10 10 10 10 10 10 10 10 10 10 10 10				
A,1.1(3)	Construction of Field Office for the Engineer (7.0m. X 9.0 m.)	AS EVALUATED			L.S.								
		AS SUBMITTED AS EVALUATED	0,531	1.00		320,321.03	109,329.75	51,172.98	480,823,76	18%	86,548.28	28,368.60	595,740.64
A.1.1(11)	Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Engineers	AS SUBMITTED	0,228	1.00	L. S.	206,580.00			200 500 00	00/	40 700 40	44.455.00	
		AS EVALUATED	0.225	1.00		206,560.00			206,580.00	8%	16,526,40	11,155.32	234,261.72
A. 1.2	Operation and Maintenance of Gov't Service Vehicle	AS SUBMITTED	0.627	1.00	L.S.	357,325,00	210,996,00		568,321,00	0%		28.416.05	596,737.05
	TOTAL OF DADY A	AS EVALUATED				30.,020,00	2.10,000.00		000,021.00	070	 	20,410.00	030,101.00
	TOTAL OF PART A	AS SUBMITTED	1.386			884,226.03	320,325.75	51,172.88	1,255,724.76		103,074.68	67,939.97	1,426,739.41
PART B	OTHER GENERAL REQUIREMENTS												
B.5	Project Billboard/Signboard	AS EVALUATED			units								
	, rojek bilbest delgribest	AS SUBMITTED	0,016	4.00	uns	13,660.00	919.49	-	14,579.49	18%	2,624.31	860.19	18,063.99
B.4 (1)	Construction Survey and Staking	AS EVALUATED			km.								
	,	AS SUBMITTED	0.022	0.70		4,261.34	13,958.23	1,898,10	20,117.67	18%	3,621.18	1,186.94	24,925.79
B.7	Occupational Safety and Health Program	AS EVALUATED			L. S.								
		AS SUBMITTED AS EVALUATED	0.292	1.00		49,000.00	215,325.00		264,325.00	8%	21,145.00	14,273.55	299,744.55
B.9	Mobilization & Demobilization	AS EVALUATED AS SUBMITTED	4.000	4.00	L. S.								
		AS EVALUATED	0.263	1,00		-		238,301.28	238,301.28	0%	-	11,915,06	250,216.34
	TOTAL OF PART B	AS SUBMITTED	0.593			68,921,34	230,202,72	240,199.38	537,323,44		27,391.49	28,235,75	592,950.67
PARTC	EARTHWORK		V			00,021:04	230,202.12	240, 159.30	331,323,44	10/40/00	21,391.49	20,233.13	382,930.67
		AS EVALUATED								2010210102			
104(2)a	Embankment from Borrow	AS SUBMITTED	1.528	2,179.00	cu.m.	1,175,298.13	7,507.25	201,840,77	1,384,646.15	18%	249,236,31	81,694,12	1,715,576,58
	TOTAL OF PART C	AS EVALUATED		· · · · · · · · · · · · · · · · · · ·									11. 101010101
	TOTAL OF FART C	AS SUBMITTED	1.528			1,175,298.13	7,507.25	201,840.77	1,384,646.15		249,236.31	81,694.12	1,715,576.58
PART D	SUBBASE AND BASE COURSE												
200(1)	Aggregate Subbase Course	AS EVALUATED			cu.m.								
	00	AS SUBMITTED	1,147	970.00		945,720.90	3,341.92	89,851.10	1,038,913.92	18%	187,004.51	61,295.92	1,287,214.34
	TOTAL OF PART D	AS EVALUATED											
PARTJ	FLOOD CONTROL AND DRAINAGE	AS SUBMITTED	1.147		YA VARIA ASIR BIRRAN MENGANI	945,720.90	3,341.92	89,851.10	1,038,913.92	University of the state of the	187,004.51	61,295.92	1,287,214.34
FMNIO	PEOOD CONTROL AND DRAINAGE	AS EVALUATED											
1702(1)	Structure Excavation	AS SUBMITTED	2.031	B,009.00	си.т.		87,065,84	1,753,640.31	4 940 700 47	18%	204 207 44	*05.004.00	0.000.004.00
		AS EVALUATED	2.001	8,009.00		-	67,000,04	1,755,940.51	1,840,706.15	1076	331,327.11	108,601.66	2,280,634.92
	TOTAL OF PART J	AS SUBMITTED	2.031				87,065,84	1,753,640.31	1,840,706.15		331,327.11	108,601,66	2,280,634.92
PARTF	BRIDGE CONSTRUCTION								3,,,,-			100,001,00	2,200,004.02
404(1)a	Deinforcing Stool /Orado 40)	AS EVALUATED											
404(1)a	Reinforcing Steel, (Grade 40)	AS SUBMITTED	2.515	45,822.00	kg.	2,006,316.27	122,057.08	150,041.59	2,278,414.94	18%	410,114.69	134,426.48	2,822,956.11
404(1)b	Reinforcing Steel Bar, (Grade 60)	AS EVALUATED			kg.								
	The state of the s	AS SUBMITTED	0.599	10,268.00	ng.	481,928.58	27,351,10	33,622.00	542,901.68	18%	97,722.30	32,031.20	672,655.18
405(1)a3	Structural Concrete, Class*A*	AS EVALUATED			cu.m.								
. ,		AS SUBMITTED	14.711	1,865.00		10,732,892.00	1,815,236.14	781,144.84	13,329,272.98	18%	2,399,269.14	786,427.11	16,514,969.22
	TOTAL OF PART F	AS EVALUATED											
		AS SUBMITTED	17.825			13,221,136.85	1,964,644.32	964,808.43	16,150,589.60		2,907,106.13	952,884.79	20,010,580.51

PART G	DRAINAGE AND SLOPE PROTECTION STONICTURES				Q.								
E00(4)	Handlaid Rock Embankment	AS EVALUATED											
508(1)	nandiaid Rock Embankment	AS SUBMITTED	21,536	15,365.00	han.	16,920,552.60	2,357,458.10	235,745.81	19,513,756.51	18%	3,512,476.17	1,151,311.63	24,177,544.31
	TOTAL OF PART G	AS EVALUATED		1									
	TOTAL OF PART G	AS SUBMITTED	21.536			16,920,552.60	2,357,458.10	235,745.81	19,513,756.51		3,512,478.17	1,151,311.63	24,177,544.31
PART I-B	BANK AND SLOPE PROTECTION												
474 C(C)	Structural Steel Sheet Piles, Furnished (0,40wide)	AS EVALUATED			ln.m.								
1716(6)	Structural Steel Sheet Piles, Furnished (0.40wide)	AS SUBMITTED	38,654	10,848.00	ulm.	34,366,464.00	65,423.33	592,227,17	35,024,114.49	18%	6,304,340.61	2,066,422.76	43,394,877.86
4740(40)	Structural Steel Sheet Piles, Driven	AS EVALUATED			ln.m.					<u> </u>			***************************************
1716(12)	Structural Steel Sheet Piles, Driven	AS SUBMITTED	8.989	10,848.00	II (JII),	416,563.20	764,294.48	6,963,759.70	8,144,617.38	18%	1,466,031.13	480,532.43	10,091,180.93
4740/40)	Charle Charle Took Dillow Countinhand and Deitson	AS EVALUATED			In.m.		,						
1716(16)	Steel Sheet Test Piles, Furnished and Driven	AS SUBMITTED	0,073	12.00	111-111-	55,588.62	1,056.82	9,629.09	66,274.54	18%	11,929.42	3,910.20	82,114.15
4740/0)-	Country Circum Class IA1	AS EVALUATED			cu. m.								
1710(2)a	Grouted Riprap, Class *A*	AS SUBMITTED	6.237	1,930.00	CO. 111.	4,419,604.68	740,301.68	491,723.08	5,651,629.44	18%	1,017,293.30	333,446,14	7,002,368.88
	TOTAL OF BARTIE	AS EVALUATED											
	TOTAL OF PART I-B	AS SUBMITTED	53.954			39,258,229.50	1,571,076.31	8,057,339.04	48,886,635.85		8,799,594.45	2,884,311.52	60,570,541.82
	CDAND TOTAL	AS EVALUATED											
	GRAND TOTAL	AS SUBMITTED	100,000			72,472,076.35	8,541,622_20	11,594,597.81	90,608,296.36		16,117,210.83	5,338,275.36	112,061,782.56

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY



						ITEMIZ	ED BREAKDOW	'N			
A.1.1(11) A.1.2 PART B						DIRECT	TOTAL U	NIT COST	% DIRECT COST		
ITEM NO.	DESCRIPTION	٩	TY	UNIT	TOT	ΓAL	UNIT	COST	(DIRECT+I	N BINLEOT GGG.	
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATED
PART A	FACILITIES FOR THE ENGINEER										
A.1.1(3)	Construction of Field Office for the Engineer (7.0m. X 9.0 m.)	1.00		L.S.	480,823.76		480,823.76		595,740.64		0.531
	Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Engineers	1.00		L. S.	206,580.00		206,580.00		234,261.72		0.228
A. 1.2	Operation and Maintenance of Gov't Service Vehicle	1.00		L.S.	568,321.00		568,321.00		656,410.76		0.627
	TOTAL OF PART A				1,255,724.76						1.386
PART B	OTHER GENERAL REQUIREMENTS										
B.5	Project Billboard/Signboard	4.00		units	14,579.49		3,644.87		4,516.00		0.016
B.4 (1)	Construction Survey and Staking	0.703		km.	20,117.67		28,616.88		35,456.31		0.022
B.7	Occupational Safety and Health Program	1.00		L. S.	264,325.00		264,325.00		327,498.68		0.292
B.9	Mobilization & Demobilization	1.00		L. S.	238,301.28		238,301.28		295,255.29		0.263
	TOTAL OF PART B				537,323.44						0.593
PART C	EARTHWORK	N STATE OF THE STA									
104(2)a	Embankment from Borrow	2,179.00		cu.m.	1,384,646.15		635.45		787.32		1.528
	TOTAL OF PART C				1,384,646.15						1.528
PART D	SUBBASE AND BASE COURSE			N. The							
200(1)	Aggregate Subbase Course	970.00		cu.m.	1,038,913.92		1,071.05		1,327.03		1.147
No. of the second	TOTAL OF PART D				1,038,913.92						1.147

21.536	 			12.887,E18,e1			D TRAY TO LATOT	
989.15	 33.573,1	10.072,1		18,887,818,81	'w'no	00.285,21	Handiaid Rock Embankment	(١)806
							DRAINAGE AND SLOPE PROTECTION STRUCTURES	D TAA9
328.71				08.688,081,81			A TRAY TO JATOT	
11 <i>1</i> 71	 15.88 ₈	90.741,7		86.272,625,E1	cu.m.	00.888,1	Structural Concrete, Class*A*	EB(1)304
669'0	 r8.88	78.23		88.108,248	kg.	 10,268.00	Reinforcing Steel Bar, (Grade 60)	d(1)404
\$19°Z	 19,18	27.94		46.414,872, <u>2</u>	_' 6у	45,822.00	Reinforcing Steel, (Grade 40)	B(1)404
			police a para la				BRIDGE CONSTRUCTION	3 TRA9
5,031				čf.307,048,f			D TARA 30 LATOT	
1:03.S	92,482	88.622		31,307,048,1	cm.m.	00.e00,8	Structure Excavation	1702(1)
							FLOOD CONTROL AND DRAINAGE	LTAA9

PART I-B	BANK AND SLOPE PROTECTION						
1716(6)	Structural Steel Sheet Piles, Furnished (0.40wide)	10,848.00	ln.m.	35,024,114.49	3,228,62	4,000.27	38.654
	Structural Steel Sheet Piles, Driven	10,848.00	ln.m.	8,144,617.38	750.79	930.23	8.989
	Steel Sheet Test Piles, Furnished and Driven	12.00	in.m.	66,274.54	5,522.88	6,842.85	0.073
	Grouted Riprap, Class "A"	1,930.00	cu, m.	5,651,629.44	2,928.31	3,628.17	6.237
<u> </u>	TOTAL OF PART H			48,886,635.85			53.954
	GRAND TOTAL			90,608,296.36			100,000

MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART IMELDA, ZAMBOANGA SIBUGAY

No.	Equipment Description	Capacity	Number of Equipment	No.	Equipment Description	Capacity	Number of Equipment
1	Truck Mounted Crane		1	31			
2	Vibro Hammer		1	32			
3	Gen. Set.		1	33			
4	Plate Compactor (400-500 GASOLINE ENGINE)		1	34			
5	One Bagger Mixer	4-6ft3/min	2	35			
6	Dump Truck (All Models)	12 yd3	2	36			
7	Cargo/Service Truck (All Models)	9 - 10 mt	1	37			
8	Boom Truck (All Models)	2-5 mt	1	38			
9	Water Truck/pump (All Makes)	16000 L	1	39			
10	Water Pump, 100 mm suction dia.	50 (mm)	1	40			
11	Welding Machine (Gas /Diesel Driven)		1	41			
12	Concrete Vibrator		2	42			
13	Concrete Saw		2	43			
14	Bar Cutter		1	44			_
15	Bar Bender		1	45			
16	Cutting Outfit		1	46			
17				47			
18				48			
19				49			
20				50			
21				51			
22				52			
23				53			
24				54			
25				55			
26				56			
27				57			
28				58			
29				59			
30				60			
	SUB-TOTAL		20	SUB-T	OTAL		

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHABJIMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY

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
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 1.00 L.S. 1.00

								7																											E,2	四	D.2	모	3 5		8.2				В.1				A.2				2			
55mm dia PVC Fibow	15mm dia. PVC Coupling	15mm dia. PVC pige	3 DOMES THAT	3 shows THW	Two gang Switch	Dunley Convenience Outlet	Porcelain Cation Outlet w/ famale	2 x 40w Figurescent Lighting Fixtures	Roightin Nails	Rough Imphor Sup Asiad Toponilla	Teckscrew 1-1/2	Pre-pamed rashing, GA 24	Pre-painted Flashing Ridge Roll GAZ4x U.bum.width	Pre-painted G.I. Roofing Sht. Long Span	Primer, Zinc Cromate	Welding Rod	20mm dia. X 350 mm Anchor Bolts	10mm dia. Sag Rod	10mm thk Ratter nigh	Tomin die. Lura Buckle	16mm dia. Cross Bracing	Putlins, C-150mm x 50 x 3mm	Angle Bars	D-1, Hollow Core Flush Type swing door, complete w/ accessories	Reinforcing Steel Bars, Grade 40	CHB 6" thick	Assorted CW Nails	lie wire	Reinforcing Steel Bars, Grade 60	Washed Sand	Crushed Gravel	Portland Cement	Materials	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Direct Unit Cost (C.1 ÷ D.1) - As Submitted	Output per hour - As Evaluated	Output per hour - As Submitted	Total (A.1 + B.1) - As Suulinden	Sub - Total for B.2 - As Evaluated		Equipment	Minor Tools (10% of Labor Cost) Sub - Total for B. 1 - As Submitted		Water Truck/Pump	Equipment One Regner Mixer	Name and Capacity	Sub - Total for A.2 - As Evaluated		Labor	Sub - Total for A.1 - As Submitted	Laborers	Const. Foreman	Labor	Designation	
pc.	pc.	pc.	3 2	roll Fire	DC.	DC.	90.	ko e	ka sa	hd fi	B)	5 1	sq.m.	gal.	\$	kg.	pc.	Š.	χο	Ş	kg.	kg.	kg.	set	kg .	pc.	ka.	Kg.	×G.	cu.m.	cu.m.	bag		Unit					***************************************						_	-	No. of Unit/s					8	20 -		No. of Personis	
20.00	20.00	20.00	20.00	1.00	3.00	3.00	2.00	5.00	5.00	450 00	2.00	UV UVU 5	200	55.00	5.00	25.00	150.00	15.00	30.00	45.00	90.00	35.00	640.00	1.00	150.00	700.00	20.00	250.00	00.008	25.00	15.00	220.00		duantity											8.00	120.00	No. of Hourfs					120.00	120.00		No. of Hour/s	
26.00	27.00			۵				_		37 00			189.00		531.00						330.00		52.00	1,495.20	40.00	25.00	70.00	15.00	95.00	1,017.80	1,124.80	286.81		Unit Cost				***************************************	***************************************						2,450.00	172.00	Hourly Rate					45.16	58.61		Hourly Rate	
520.00	540.00	1,520.00	1,386.60	3,600.00	396.00	510.00	100.00	7,250,00	1,400.00	16.650.00	460.00	1 250 00	378.00	23,100.00	2,655.00	3,375.00	7,580.00	750.00	1,500.00	2.250.00	3,230.00	1,820.00	33,280.00	1,495.20	6,000.00	17,500.00	1,400.00	3,750.00	2 975 00	25,445.00	16,872.00	63,097.23		Amount (PAP)		160,502.73	1.00	1.00	- TANALAN I	160 KD2 72	and the same of th		51,172,98	10,000,000	19,600.00	20,640.00	Amount (PhP)				109,329.75	43,350.00	56,265.60	0.21742	Amount (PhP)	

Sub - Total for F.2 - As Evaluated

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

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 Submitted

I.1 Contractor's Profit (CP) - As Submitted

I.2 Contractor's Profit (CP) - As Submitted

J.1 Value Added Tax (VAT) - As Submitted

J.2 Value Added Tax (VAT) - As Evaluated

K.1 Total Unit Cost - As Submitted

K.2 Total Unit Cost - As Evaluated Prepared by: F.2 Octagon Box
Electrical Tape
Panel Boardside Main w/ braches
Water Closet (complete w/ accessories & fitings)
Lavatory (complete w/ fitings & accessories)
1/2* Glippe S-40
1/2* Water Faucet
1/2* Assorted Connector
4* PVC Series 1000
2* PVC Assorted Connector
2* PVC Assorted Connector 15mm dia. PVC Clamp
20mm dia. RSC pipe
20mm dia. RSC Coupling
20 mm dia. RSC Elbow
20 mm dia. RSC Clamp
20mm dia. Service Entrance Cap
Wire Holder Sub - Total for F.1 - As Submitted OSEPHNER RENGONDO

Migheer II

DOWN ROO • 15% I 12% I 10% I 8% of G.1 15% I 12% I 10% I 8% of G.2 10% I 8% of G.1 10% I 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) 8.00 240.00 36.00 30.00 18.00 101.50 50.00 32.00 32.00 32.00 32.00 2750.00 6,062.00 4,512.00 19.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10. 320,321.03 480,823.76 48,082.38 28,368.60 38,465.90 400.00 960.00 108.00 90.00 180.00 180.00 203.00 100.00 224.00 1,700.00 196.00 1,500.00 4,512.00 4,512.00 330.00 152.00 462.00 462.00

CheckediReviewed by:

Oracle B. BARRERA

Engineer II

DPWH RO9

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHABJIMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

item No. / Description

A.1.1(11) Provision of Furnitures/Fixtures, Equipment & Appliances for the Field of the Engineers

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 1.00 L.S. 1.00

																																						E -	T D.2	2 5	C.2	5	8.2				<u>B</u> .1				A 2				2			
Water dispenser	USB (32 GB)	Computer Printer (Scanner & Priocopier) Diolfal Camera	Laptop	Sign Pen, Assorted	Data File Folder	Letter Envelope, White (long)	White Baord Marker (Assorted Colors)	Pentel ner(Assorted Colors)	Enther tono	Colored Pencil, 128	Expanded Envelope, long	Brown Envelope, Long & Short	Correction Fluid Pen	Glue	Cutter Blade	Staple Wire	Eraser(Ink. pencil)	Fasteners	Pencils	Ballpen	Balteries Energizer	Masking Tape	Scotch Tape	Pad paper	Bond Paner(short)	Rond paper i ong)	Computer Lable	Drawing Table	Office Table , Jr. Executive type w/ chair	6" Sleeping Bed w/ pillows & blanket	Plates, Glass, Spoon & Fork	Alleminem Cookware	Monoblock Chairs	8-seater Monoblock Dining Table	White Board, 3' x 6'	HIRKELDIO		_	Direct Init Cost IC 1 + D 11 - As Submitted	_1			Sub - Total for B.2 - As Evaluated	Equipment	Sub - Total for B.1 - As Submitted			Equipment	Name and Capacity	Sub · Total for A.2 · As Evaluated		Labor	Sub - Total for A.1 - As Submitted	THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS		Labor	Designation	
unit	unit	unit in	unit	doz.	pcs.	box	pcs.	pcs.	doz.	do z	00Z.	doz	bottles	bottles	box	box	box	ьох	BOX X	box	pc.	rolls	rolls	pads	ream	ream	each	each	set	pc.	doz.	sel c	pc.	unit	each		Unit												No. of Unit's								No. of Personis	-
1.00	2.00	1.00	1.00	2.00	6.00	2.00	12.00	12.00	6,0	5.0	6.0	6.0	12.00	6.0	3.00	6.00	2.00	4.00	200	3.00	12.00	6.00	6.00	6.00	15.00	20.00	12.00	1.00	1.00	3.00	1.00	1.00	200	1.00	1.00		Quantity												No. of Hourts								No. of Hourls	
0,000,00		0 10,000.00											50.00						45.00										7,000.00					5,000.00			Unit Cost		***************************************										Hourly Rate								Hourly Rate	
0,000,00			8,000,00				0 1,080.00																						7,000.00				10.00	5,000.00			 Amount (PhP)			1.00	1 00				***************************************	1			Amount (PhP)		11294	Additional designation of the second	0.00	0.00	0.00	0.00	Amount (PhP)	

BARRERA	JERALD B. BARRER	ĺ		JOSEPHNE B. RENGOUJO
*	CheckediReviewed by:	Ω		Prepared by:
•	[G.2 + H.2 + I.2 + J.2)	(6		K.2 Total Unit Cost - As Evaluated
234,261.72	(G.1 + H.1 + I.1 + J.1)	(6		K.1 Total Unit Cost - As Submitted
•	5% of (G.2 + H.2 +I.2)	5%		J.2 Value Added Tax (VAT) - As Evaluated
11,155.32	5% of (G.1 + H.1 +l.1)	59		J.1 Value Added Tax (VAT) - As Submitted
	10% / 8% of G.2			I.2 Contractor's Profit (CP) - As Evaluated
16,526.40	10% / 8% of G.1			
	15% / 12% / 10% / 8% of G.2	15%/12	- As Evaluated	H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
	15% / 12% / 10% / 8% of G.1	15%/12	- As Submitted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
				G.2 Direct Unit Cost (E.2 + F.2) - As Evaluated
206,580.00				G.1 Direct Unit Cost (E.1 + F.1) - As Submitted
				Sub - Total for F.2 - As Evaluated
				F.2
				Materials
206,580.00				Sub - Total for F.1 - As Submitted
2,250.00	750.00	3.00	unit	Rechargeable Lamps
3,000.00	500.00	6.00	рс.	Bedsheets(Single)
5,400.00	1,800.00	3.00	рс.	Folding Bed
780.00	130.00	6.00	рс.	Record Book (500 leaves)
200.00	50.00	4.00	pc.	Scissors
1,000.00	500.00	2.00	pc.	Bulletin/Cork Board 2' x 3'
900.00	300.00	3.00	рс	Stapler
300.00	300.00	1.00	pc.	Puncher
600.00	300.00	2.00	pc.	Water Container
1,800.00	1,800.00	1.00	unit	Electric Airpot
1,300.00	1,300.00	1.00	unit	Rice Cooker
1,000.00	500.00	2.00	unit	Wall Clock
5,100.00	850.00	6.00	tanks	Stove Tank Refill
3,500.00	3,500.00	1.00	set	Gas Stove w/ Tank
5,000.00	5,000.00	1.00	unit	Steel Cabinet
6,000.00	2,000.00	3.00	pc.	Electric Fan

Engineer II DPWH BO9

CONST.IREHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMEUDA, ZAMBOANGA IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description

A.1.2

Operation and Maintence of Gov't Service Vehicle

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 1.00 L.S. 1.00

		J.2 Va	J.1 Va	1.2 Cc	1.7				G.2 Di	G.1 Di	Su	F.2	Ma	Su	12	lires		<u>.</u>	M.		E.2 Di	E.1	D.2 Ou	D.1 Ou	C.2 To	C.1 To		B, [4	T 0		B.1			S	A.2	<u></u>	Su		Se	A.1	
Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	Value Added Tax (VAT) - As Evaluated	Value Added Tax (VAT) - As Submitted	Contractor's Profit (CP) - As Evaluated	Contractor's Front (CF) - As Submitted	pertractor's Profit (CB) . As Submitted	Overhead Contingencies & Miscellangous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2 + F.2) - As Evaluated	Direct Unit Cost (E.1 + F.1) - As Submitted	Sub - Total for F.2 - As Evaluated		Materials	Sub - Total for F.1 - As Submitted	Spare rails	CS.	Engine Oil & Lubricants	Diesel Fuel	Materials	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Direct Unit Cost (C.1 + D.1) - As Submitted	Output per hour - As Evaluated	Output per hour - As Submitted	Total (A.2 + B.2) - As Evaluated	Total (A.1 + B.1) - As Submitted	Sub - Total for B.2 - As Evaluated	Edulpment	p - lotal of b.1 - As outlined	Sub. Total for B.1. As Submitted	Service Vehicle	Equipment	Name and Capacity	Sub - Total for A.2 - As Evaluated		Labor	Sub - Total for A.1 - As Submitted		Service Driver	DOT	Designation
						and a contract	aliiated	bmitted							5	pus.	I.S.	liters		Unit													No. of Unit/s						_		No. of Person/s
							15%	15%							1.00	3.00	1.00	4,500.00		Quantity											9.		No. of Hour/s						3,600.00		No. of Hour/s
(G.2 + H.2 + I.2 + J.2)	(G.1 + H.1 + I.1 + J.1)	5% of (G.2 + H.2 +l.2)	5% of (G.1 + H.1 +l.1)	10% / 8% of G.2	10/01/0/01/01	10% / 8% of G 1	15% / 12%/ 10% / 8% of G.2	15% / 12%/ 10% / 8% of G.1							45,500.00	9,300.00	34,425.00	51.00		Unit Cost													Hourly Rate						58.61		Hourly Rate
	656,410.76	8•1	31,257.66		0 10	•== 8	•	56,832.10	•	568,321.00				357,325.00	-	45,000.00	34,425.00 47 500 00	229,500.00		Amount (PhP)		210,996.00	1.00	1.00		210,996.00							Amount (PhP)				210,996,007	0.00	210,996.00	0.00	Amount (PhP)

CheckediReviewed by:

JERALD B. BARRERA

Engineer II

DPWH ROS

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

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

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 0.70 km. 1.00

J					
5*	(G.2 + H.2 + I.2 + J.2)			_	Z :
35,456.31	(G.1 + H.1 + I.1 + J.1)				2
4	5% of (G.2 + H.2 +I.2)				J.2
1,688.40	5% of (G.1 + H.1 +l.1)				د.
	10% / 8% of G.2			Contractor's Profit (CP) - As Evaluated	1.2
2,289.35	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	1.1
	15% / 12% / 10% / 8% of G.2	15%	ated		Н.2
2,861.69	15% / 12%/ 10% / 8% of G.1	15%	nitted		프
					G.2
28,616.88					6.1
				Sub - Total for F.2 - As Evaluated	
				Higheritale	F.2
				Materiale	
6,061.65				Sub. Total for F1 - As Submitted	
. ,					
288.65	288.65			miscellaneous(5% of Materials)	
4,600.00	40.00	115.00	pcs.	blue print as stake plan	
1,173.00	51.00	23.00	sheets	Standard Stake Plan (800 mmm x 910 mm plotting)	Ţ
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) · As Evaluated	E.2
22,555.23					2
1.00					D.2
1.00					D.1
					C2
22,555.23				Total (A.1 + B.1) - As Submitted	2
				Sub - Total for B.2 - As Evaluated	1
				Equipment	B.
2,700,00				Sub - Total for B.1 - As Submitted	
2 700 00					
2,700.00	100.00	27.00	_	Total Station Complete w/ accessories	쯔
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	
13,000.20				Sub - Total for A.1 - As Submitted	
0.00					
4,688.80	58.61	80.00	-	Skilled Laborers	
8,333.10	104.16	80.00	_	Geodelic Engineer	
				For Office Works:	
2,430.44	45.16	27.00	2	Laborers	A.1
1,362.47	58.61	27.00	_	Skilled Laborers	
2,812.42	104.16	27.00	_	Geodetic Engineer	
0.00				For Fieldworks:	
				Labor	
Amount (FRF)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
A		17111111		- Constitution of the second	

Prepared by:

CheckediReviewed by
JERALD B. BARRERA
Engineer II
DPWH RO9

CONST.IREHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB.IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description B.5 Project Billboard

4.00 each 1.00

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

Labor Cornst. Forentary 1.00		(7.C+7.1+7.4+7.6)			Total Unit Cost - As Evaluated	K.2
Labor Designation No. of Personits Mo. of Houris Hourly Rate Amount (PhP) Const. Forencian 1 1.00 80.95 Salited Cubcroons 1 1.00 80.95 Sub- Total for A1 - As Submitted 2 1.00 45.16 Labor 2 1.00 45.16 45.16 Sub- Total for A2 - As Evaluated 2 1.00 45.16 45.16 Sub- Total for A2 - As Evaluated No. of Unities No. of Houris Hourly Rate Amount (PhP) Equipment Name and Capacity No. of Unities No. of Houris Hourly Rate Amount (PhP) Equipment Name and Capacity No. of Unities No. of Houris Hourly Rate Amount (PhP) Equipment Name and Capacity No. of Unities No. of Houris Hourly Rate Amount (PhP) Equipment Name and Capacity No. of Unities No. of Houris Hourly Rate Amount (PhP) Equipment Name and Spacification Unit Quantity Unit Cost Amount (PhP)	4,516.00	(G.1+H.1+I.1+J.1)			_	Σ.
Labor Designation No. of Personic No. of Hourits Hourly Rate Amount (PhP) Const. Foremon 1 1.00 80.55 Salland clandoners 2 1.00 80.55 Sub- Total for A.1 - As Submitted 2 1.00 45.16 Sub- Total for A.1 - As Submitted 2 1.00 45.16 Sub- Total for A.1 - As Submitted 8 4.00 Units No. of Houris Hourly Rate Amount (PhP) Sub- Total for A.1 - As Submitted 8 4.00 Units No. of Houris Hourly Rate Amount (PhP) Sub- Total for A.1 - As Submitted 8 No. of Units No. of Houris Hourly Rate Amount (PhP) Sub- Total for A.1 - As Submitted 9 No. of Units No. of Houris Hourly Rate Amount (PhP) Sub- Total for B.1 - As Submitted 9 No. of Houris Houris (PhP) Amount (PhP) Sub- Total for B.2 - As Evaluated 9 Quantity Unit Cost Amount (PhP) Harrians Name and Specification 9 1.00 40.00 42.00		5% of (G.2 + H.2 +I.2)				J.2
Labor Labor Labor Mo. of Pearsonis Mo. of Houris Hourly Ratio Amount (PhP) Const. Foremon 1 1.00 80.95 Signal clack-concers 1 1.00 80.95 Signal clack-concers 2 1.00 45.16 45.86 45.86 Signal clack-concers 2 1.00 45.16 45.86 45.86 Sab- Total for A1-As Submitted 2 1.00 45.16 45.16 45.16 Sub- Total for A2-As Evaluated 3 45.16 45.16 45.16 45.16 Sub- Total for B1-As Submitted 3 45.16 45.16 45.16 45.16 Sub- Total for B2-As Evaluated 4 45.00 45.10 45.10 45.10 45.10 45.10 45.10 45.10 45.10 45.10 45.10 45.10 45.10 45.10 45.10 45.10 45.00 45.10 45.00 45.00 45.00 45.00 45.00 45.00 45.00 45.00 45.00 45.00 45.00	215.05	5% of (G.1 + H.1 +I.1)				۲.1
Labor Designation No. of Pearsonis No. of Houris Hourly Rate Amount (PhP) Corest. Forenram 1 1.00 80.95 Sibler Laboroes 2 1.00 45.16 1 Sub- Total for A1-A- Submitted 2 1.00 45.16 1 Labor Name and Capacity Na. of Houris Hourly Rate Amount (PhP) Sub- Total for A1-A- Submitted 2 1.00 45.16 1 Sub- Total for B1-As Submitted 3 4	. 23 4 5	10% / 8% of G.2				1.2
Labor Laboration Laborati	291.59	10% / 8% of G.1				=
Labor Labor Mo. of Personife Mo. of Houris Hourly Rate Amount (PhP)		12% 10% 18% of G.2	15%	ated		H.2
Labor Designation No. of Person Is No. of Houris Hourly Rate Amount (PhP) Const. Foremon 1 1.00 60.95 Selled Loborors 1 1.00 60.95 Salled Loborors 1 1.00 45.16 Loborors 4.00 45.16 Sub- Total for A1 - As Submitted 2 1.00 45.16 Loborors Sub- Total for A2 - As Evaluated 8.00 1.00 45.16 Loborors Sub- Total for A2 - As Evaluated 8.00 1.00 45.16 Amount (PhP) Sub- Total for A2 - As Evaluated 8.00 1.00 40.01 Amount (PhP) Sub- Total for B1 - As Submitted 8.00 1.00 40.01 Amount (PhP) Sub- Total for B2 - As Evaluated 9 1.00 40.00 Amount (PhP) Sub- Total for B1 - As Submitted 9 1.00 40.00 Amount (PhP) Sub- Total for B1 - As Submitted 9 1.00 40.00 Amount (PhP) Materials 9 1.00 40.00 40.00	364.49	112%/ 10% / 8% of G.1	15%	nitted		프
Labor Designation No. of Personis No. of Houris Hourly Rate Amount (PhP)	•					G.2
Labor	3,644.87					6.1
Designation No. of Personis No. of Houris Hourly Rate Amount (PhP)					_	
Designation No. of Personis No. of Houris Hourly Rate Amount (PhP)		2				F.2
Designation No. of Personis No. of Houris Hourly Rate Amount (PhP)	-				Materials	
Designation No. of Person No. of Houris Hourly Rate Amount (PhP)	3,415.00				Sub . Total for F 1 . As Submitted	
Labor Designation No. of Person is No. of Houris Hourly Rate Amount (PhP) Cornst. Foremon 1 1.00 80.55 Skilled Loborers 2 1.00 88.61 Loborers 2 1.00 45.16 Sub - Total for A.1 - As Skibmitted 1 1.00 45.16 Labor 2 1.00 45.16 45.16 Sub - Total for A.2 - As Evaluated 2 1.00 45.16 45.16 Sub - Total for A.2 - As Evaluated 0 45.10 45.16 45.16 Sub - Total for B.1 - As Skibmitted 0 45.10 45.10 45.16 Sub - Total for B.2 - As Evaluated No. of Units No. of Houris Hourly Rate Amount (PhP) Sub - Total for B.2 - As Evaluated No. of Houris No. of Houris Hourly Rate Amount (PhP) Sub - Total for B.2 - As Evaluated No. of Houris No. of Houris Hourly Rate Amount (PhP) Sub - Total for B.2 - As Evaluated No. of Houris No. of Houris Amount (PhP) Sub -						
Designation	80.00	80.00	1.00	kg.	Assorted CW Nails	
Labor Designation No. of Personis No. of Houris Hourly Rate Amount (PhP)	2,100.00	42.00	50.00	bd.ft.	Assorted Sizes lumber	
Labor Corst. Foreman	2 100.00	800.00	1.00	рс		Ξ
Labor Labo	435.00	435.00	1.00	pc.	_	
Labor Coras, Foreman Total for A.1 - As Submitted Colupt/ Part Coras for Foreman Total for B.2 - As Evaluated Colupt/ Part Coras for Foreman Total for B.2 - As Evaluated Colupt/ Part Colupt/ Par						
Labor Designation No. of Personis No. of Hourls Hourly Rate Amount (PhP) Const. Foremon 1 1.00 80.95 1.00 80.95 1.00 80.95 1.00 80.95 1.00 45.16 1.00 1.00 45.16 1.00 45.16 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00					Materials	
Labor No. of Personis No. of Houris Houriy Rate Amount (PhP)	Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
Labor Mo. of Personis Mo. of Houris Houriy Rate Amount (PhP)						E.2
Labor No. of Personis No. of Hourls Hourly Rate Amount (PhP) Const. Foreman 1 1.00 80.95 Skilled Laborers 1 1.00 80.95 Sub - Total for A1 - As Submitted 2 1.00 45.16 Labor 1 1.00 45.16 4 Sub - Total for A2 - As Evaluated 4 4 4 4 Sub - Total for A2 - As Evaluated No. of Units No. of Hourls Hourly Rate Amount (PhP) Equipment Name and Capacity No. of Units No. of Hourls Hourly Rate Amount (PhP) Sub - Total for B3 - As Submitted 5 4 4 4 4 Sub - Total for B3 - As Evaluated 5 4	10.677				_	Ξ
Labor No. of Personis No. of Hourls Hourly Rate Amount (PhP) Const. Foreman 1 1.00 80.95 Skilled Laborers 1 1.00 88.61 Sub-Total for A.1 - As Submitted 2 1.00 45.16 Labor 1 1.00 45.16 4 Sub-Total for A.2 - As Evaluated No. of Units No. of Hourls Hourly Rate Amount (PhP) Sub-Total for B.1 - As Submitted No. of Hourls Hourly Rate Amount (PhP) Sub-Total for B.2 - As Evaluated No. of Hourls Hourly Rate Amount (PhP) Sub-Total for B.2 - As Evaluated No. of Hourls Hourly Rate Amount (PhP) Sub-Total for B.2 - As Evaluated 2 2 Total (A.2 + B.2) - As Submitted 2 2	200.1				1000	D.2
Labor No. of PersonIs No. of Hourly Rate Amount (PhP)	1.00					D.1
Labor No. of Personis No. of Houris Hourly Rate Amount (PhP) Const. Foremon 1 1.00 80.95 Skilled Loborers 1 1.00 58.61 Loborers 2 1.00 45.16 Sub - Total for A.1 - As Submitted 2 1.00 45.16 Sub - Total for A.2 - As Evaluated No. of Houris Hourly Rate Amount (PhP) Equipment No. of Unitis No. of Houris Hourly Rate Amount (PhP) Sub - Total for B.1 - As Submitted No. of Houris Hourly Rate Amount (PhP) Sub - Total for B.1 - As Submitted No. of Houris No. of Houris Hourly Rate Amount (PhP) Sub - Total for B.2 - As Evaluated No. of Houris No. of Houris Amount (PhP)					100	C.2
Labor No. of Personis No. of Houris Hourly Rate Amount (PhP) Const. Foremon 1 1.00 80.95 Skilled Loborers 1 1.00 58.61 Loborers 2 1.00 45.16 Sub - Total for A.1 - As Submitted 3 45.16 45.16 Labor 45.16 45.16 45.16 Sub - Total for A.2 - As Evaluated No. of Unit/s No. of Hour/s Hourly Rate Amount (PhP) Equipment No. of Unit/s No. of Hour/s Hourly Rate Amount (PhP) Sub - Total for B.1 - As Submitted No. of Unit/s No. of Hour/s Hourly Rate Amount (PhP) Equipment No. of Hour/s No. of Hour/s Hourly Rate Amount (PhP)	229.87				- 0	C.1
Labor Designation No. of PersonIs No. of Houris Hourly Rate Amount (PhP) Const. Foremon 1 1.00 80.95 Skilled Loborers 1 1.00 58.61 Loborers 2 1.00 45.16 Sub - Total for A.1 - As Submitted					Sub - Total for B.2 - As Evaluated	
Labor Designation No. of PersonIs No. of Houris Hourly Rate Amount (PhP) Const. Foreman 1 1.00 80.95 Skilled Laborers 1 1.00 58.61 Sub- Total for A.1- As Submitted 2 1.00 45.16 Sub- Total for A.2- As Evaluated No. of Houris Hourly Rate Amount (PhP) Equipment No. of Houris No. of Houris Hourly Rate Amount (PhP)					1112	B.2
Labor Designation No. of PersonIs No. of Hourits Hourly Rate Amount (PhP) Const. Foremon 1 1.00 80.95					Equipment	
Labor Labor Labor Labor Const. Foreman Stilled Loborers 1 1.00 80.95 Skilled Loborers 1 1.00 58.61 Laborers 1 1.00 45.16 2 1.00 45.16 Sub - Total for A.1 - As Submitted Labor Sub - Total for A.2 - As Evaluated Name and Capacity Name and Capacity No. of Unitis No. of Houris	•				Sub - Total for B.1 - As Submitted	
Labor Designation No. of PersonIs No. of Hourly Hourly Rate Amount (PhP) Const. Foremon 1 1.00 80.95 Skilled Loborers 1 1.00 58.61 (Skilled Loborers 2 1.00 45.16 ((3.61 ((3.61 ((3.61 ((3.61						
Labor No. of PersonIs No. of Houris Hourly Rate Amount (PhP) Const. Foreman 1 1.00 80.95 Skilled Loborers 1 1.00 58.61 Laborers 2 1.00 45.16 Sub - Total for A.1 - As Submitted (45.16 (Labor No. of Houris Hourly Rate Amount (PhP) Sub - Total for A.2 - As Evaluated No. of Houris Hourly Rate Amount (PhP)						
Labor Designation No. of PersonIs No. of Houris Hourly Rate Amount (PhP) Const. Foreman 1 1.00 80.95 1.00 58.61 1.00 58.61 1.00 58.61 1.00 45.16 1.00 58.61 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 45.16 1.00 1.00 45.16 1.00 1.00 45.16 1.00 1.00 45.16 1.00 1.00 45.16 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00					-	
Labor No. of PersonIs No. of Hourly Hourly Rate Amount (PhP) Const. Foreman 1 1.00 80.95 Skilled Laborers 1 1.00 58.61 Laborers 2 1.00 45.16 Sub - Total for A.1 - As Submitted 1 1.00 45.16 Labor 1 1.00 45.16 4	Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit/s	Name and Capacity	
Labor No. of PersonIs No. of Hourly Hourly Rate Amount (PhP) Const. Foreman 1 1.00 80.95 Skilled Laborers 1 1.00 58.61 Laborers 2 1.00 45.16 Sub - Total for A.1 - As Submitted 2 1.00 45.16 Labor 4 4 3					Sub - lotal for A.2 - As Evaluated	
Labor Designation No. of PersonIs No. of Hourly Hourly Rate Amount (PhP) Const. Foreman 1 1.00 80.95 Skilled Laborers 1 1.00 58.61 Laborers 2 1.00 45.16 Sub - Total for A.1 - As Submitted 1 1 1						. }
Designation No. of Person/s No. of Hourly Rate Amount (PhP)						A.2
Designation No. of Personn's No. of Hourly Hourly Rate Amount (PhP) 1. Foreman 1 1.00 80.95 3 Laborers 1 1.00 58.61 reis 2 1.00 45.16 7 Total for A.1 - As Submitted 4 1 1					Labor	
Designation No. of Person/ls No. of Hourly Hourly Rate Amount (PhP) 1 1.00 80.95 1 Laborers 1 1.00 58.61 2 1.00 45.16 45.16	229.87				Sub - Total for A.1 - As Submitted	
Designation No. of Person/ls No. of Hourls Hourly Rate Amount (PhP) Informan 1 1.00 80.95 I Laborers 1 1.00 58.61 I Laborers 2 1.00 45.16	0.00					
Designation No. of Person/s No. of Hourly Rate Amount (PhP)						
Designation No. of Person/s No. of Hourly Rate Amount (PhP)	90.31	45.16	1.00	2	Laborers	
Designation No. of Personis No. of Hourly Rate Amount (PhP) 1 1.00 80.95	58.61	58.61	1.00	_	Skilled Laborers	A.1
Designation No. of Personis No. of Hourly Rate Amount (PhP)	80.95	80.95	1.00	_	Const. Foreman	
Designation No. of Personis No. of Hourly Rate	0.00				Labor	
No of Darsonie No of Hourie Houriv Rate	, mount of m	induity round	ilo. or House	10.011 01001110	Designation	
	Amount (PhP)	Hourly Rate	No of Hourds	No of Porsonie		

Prepared by:

Checked/Reviewed by: JERALD B. BARRERA Engineer II DPWH RO9

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description **B.7** 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

					1
	(G.2+H.2+I.2+J.2)			Total Unit Cost - As Submitted	5 5
327 498 68	(G1+H1+11+11)			_	J.2
	5% of (G.2 + H.2 +I.2)			- 1	3 :
15,595.18	5% of (G.1 + H.1 +I.1)			- 1	-
	10% / 8% of G.2			- 1	1.2
21,146.00	10% / 8% of G.1				=
	15% / 12% / 10% / 8% of G.2	15%	ated		H.2
26,432.50	15% / 12% / 10% / 8% of G.1	15%	nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Ŧ.
					G.2
264,325.00					G.1
				Sub - Total for F.2 - As Evaluated	
					F.2
				Materials	T
49,000.00				Sub - Total for F.1 - As Submitted	
21,000.00	1,400.00	15.00	pcs.	Barricades/Signboards	
2,500.00	2,500.00	1.00	set	First Aide Kit (Complete medicines & tools)	
9,000.00	300.00	30.00	bd.ft.	Rain Coats (Reinforced, Hip)	
1,500.00	50.00	30.00	рс		Ξ
15,000.00	500.00	30.00	pc.	Rubber BootsMen,Long w/ Steel Toe, Black	
				maxerials	
_				Materiale	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 + D.2) - As Evaluated	E.2
215,325.00					Ξ.
1.00					D.2
1.00				-	<u>P.</u>
•					C2
215,325.00				_	2
				Sub - Total for B.2 - As Evaluated	To be
				2015	B.2
				Equipment	
•				Sub - Total for B.1 - As Submitted	
•					
					<u></u>
				Equipment	į
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub · Total for A.2 · As Evaluated	
					£
					;
				Lahor	
215,325.00				Sub - Total for A.1 - As Submitted	
0.00					
6100					
0.00	10.10	0,000,00		rist Alder	
162.576.00	45 16	3 600 00	٠.		<u>A</u>
52.749.00	58 61	900 000			
0.00				Labor	
	C Tableman A March Colonia C		1000		
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

Checked/Reviewed by:

JERALD B. BARRERA
Engineer II
DPWH RO9

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA (SIBUGAY)

DETAILED UNIT PRICE ANALYSIS (DUPA)

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated Item No. / Description 1.00 l.s. 1.00 B.9 Mobilization/Demobilization

	(G.2 + H.2 + I.2 + J.2)			Total Unit Cost - As Evaluated	K.2
295,255.29	(G.1 + H.1 + I.1 + J.1)				<u>~</u>
	5% of (G.2 + H.2 +I.2)			Value Added Tax (VAT) - As Evaluated	J.2
14,059.78	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
19,064.10	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	Ξ
•	15% / 12%/ 10% / 8% of G.2	15%	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
23,830.13	15% / 12% / 10% / 8% of G.1	15%	nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	표
•				Direct Unit Cost (E.2 + F.2) - As Evaluated	G.2
238,301.28				Direct Unit Cost (E.1 + F.1) - As Submitted	G.1
				Sub - Total for F.2 - As Evaluated	
				TI XX ST COLOR OF THE COLOR OF	F.2
				Materials	
•				Sub - Total for F.1 - As Submitted	
-					Ξ.
0.70					
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
•				Direct Unit Cost (C.2 + D.2) - As Evaluated	E.2
238,301.28				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
1.00				Output per hour - As Evaluated	D.2
1.00				Output per hour - As Submitted	D.1
				Total (A.2 + B.2) - As Evaluated	
238,301.28				Total (A.1 + B.1) - As Submitted	C.1
				Sub - Total for B.2 - As Evaluated	
					В.2
				Equipment	
238,301.28				Sub - Total for B.1 - As Submitted	
•					
٠				Constitution of Tomography	
238,301.28	4,255.38	28.00	2	Low Bed Trailer	B.
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					A.2
				E STATE OF THE STA	
				lahor	
0.00				Sub - Total for A.1 - As Submitted	
0.00					
0.00				Labor	Δ.
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of PersonIs	Designation	

Prepared by:

CheckediReviewed by:

JEBALD B. BARRERA

Engineer II

DPWH RO9

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description : 104(2)a **Embankment from Borrow**

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 2,179.00 cu.m. 50.00

,					
	(G.2 + H.2 + I.2 + J.2)			2 Total Unit Cost - As Evaluated	5 2
787.32	(G1+H1+I1+ I1)			_	7.2
	5% of (G.2 + H.2 +1.2)			_	
27.40	10% 1 6% OF G.2				12
50.84	10% / 8% of G.1			-	Ξ
	15% / 12% / 10% / 8% of G.2	15%	ated		Н.2
63.55	15% / 12%/ 10% / 8% of G.1	15%	itted		F. 1
				2 Direct Unit Cost (E.2 + F.2) - As Evaluated	3 5
635.45					2 ;
				Materials	F.2
539.38				Sub - Total for F.1 - As Submitted	
					3
539.38	431.50	1.25	cu.m.	Common Borrow(w/ 25% shrinkage factor)	!
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
7.				2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
96.08					E
50.00					D.2
50.00					<u> </u>
7,000.10				7 Total (A.1 + b.1) - As Submitted	3 5
A 903 76					2
				_	B.2
				Equipment	T
4.631.50				Sub. Total for B 1 - As Submitted	
i e					
012.00	2,430.00	02.0	-	Water Iruck	B.1
1,040.00	1,846.00	1.00		Road Roller	
2,173.00	2,173.00	1.00	_	Road Grader	
				Equipment	
CONTRACTOR NO. 4 CO. 5 4 CO.		Treat and a second and a second	ATTOMATION OF THE PARTY OF THE		
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit/s	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
				2	A.2
				Labor	
172.26				Sub - Total for A.1 - As Submitted	
0.00					
0.00					
90.31	45.16	1.00	2	_	A
80.95	80.95	1.00	_	Const. Foreman	
				Excavation Work:	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Checked/Reviewed by: JERALD R. BARRERA

Engineer II

DPWH RO9

CONST_IREHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB.JIMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description 200(1) Aggregate Subbase Course

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated **** 970.00 cu.m. 50.00

<u>7</u> 2	Z :	- E		=	17.	E	6.2	2	F.2				2	2			E.2	<u>m</u>	D.2	0 6	3 5	2	B.2				/////	B.1						A2					<u>A</u>			
		Value Added Tax (VAT) - As Submitted	Value Added Tax (VAT) - As Evaluated	Contractor of Forth (CD) As Explicated	Contractor's Profit (CP) - As Submitted			Sub - Total for F.2 - As Evaluated Direct Unit Cost (E.1 + F.1) - As Submitted	materials	Materials	Sub Total for Ed. As Submitted			(w/ 15% shrinkage)	Materials Aggregate Subbase Course	Name and Specification	Direct Unit Cost (C.2 + D.2) - As Evaluated	Direct Unit Cost (C.1 + D.1) - As Submitted				Sub - Total for B.2 - As Evaluated	D - 1 7	Equipment	Sub - Total for B.1 - As Submitted			Waler Huck	Woto Truck	Road Grader	Equipment	Name and Capacity	Sub - Total for A.2 - As Evaluated		Labor	Sub - Total for A.1 - As Submitted			Laborers	Const. Foreman	Labor	Designation
					nateu	nitted									cu.m.	Unit												-				No. of Unit/s							2	-		No. of Person/s
						15%									1.15	Quantity												02.0	0.25	1.00		No. of Hour/s							1.00	1.00		No. of Hourls
(G.2 + H.2 + I.2 + J.2)	(G.1 + H.1 + I.1 + J.1)	5% of (G.2 + H.2 +l.2)	5% of (G 1 + H 1 + I 1)	10% 18% of G 2	10% / 8% of G.1	15% / 12% / 10% / 8% of G.1									847.80	Unit Cost												2,400.00	2 450 00	2,173.00		Hourly Rate							45.16	80.95		Hourly Rate
) 1,327.03		63.19		85.68	טהיטר		1,071.05		91	974 97				974.97	Amount (PhP)		96.08	50.00	50.00		4.803.76			4,631.50	_				2,173.00		Amount (PhP)				172.26	0.00	0.00	90.31	80.95		Amount (PhP)

Prepared by:

Checked/Reviewed by: JERAKO R. BARRERA
Engineer II
DPWH RO9

CONSTJREHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHABJIMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. I Description 1702(1) Structure Excavation

8,009.00 cu.m. 20.00

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

				-	[
	(G.2 + H.2 + I.2 + J.2)			Total Unit Cost - As Submitted	5 5
284.76	161+H1+ 1+ 1)			_	J.2
10,00	5% of (G.1 - H.1 -1.1)			_	: :
13.56	5% of (G 1 + H 1 +1 1)			_	
	10% 18% of G 2			_	5 =
18 39	10% / 8% of G 1				
	15% / 12%/ 10% / 8% of G.2	15%	aluated		5
22.98	15% / 12%/ 10% / 8% of G.1	15%	bmitted		<u> </u>
					G.2
229.83				_	9
				Sub - Total for F.2 - As Evaluated	
					F.2
				Materials	
. C				Sub - Total for F.1 - As Submitted	
					Ξ
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
J. S.				Dilect Olin Cost (0.7 ± 0.4) - Wa Evaluated	2.3
228.03					1 5
20.00					D.2
20.00				_	D.1
				100	C.2
4,596.59				_	0.1
				_	
				56.	B.2
				Equipment	
4,379.17				Sub - Total for B.1 - As Submitted	
•					
2.17	1,001.00	1.00		Minor Tools(10 % of Labor)	5
1 537 00	1,420.00	1.00			D
00 078 6	4 400 00	8	>	Equipment	
Amount (PhP)	Hourly Rate	No. of Hourfs	No. of Unit/s	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					A.2
				Labor	
217.42				Sub - Total for A.1 - As Submitted	
100.77	5.10	1.00	٥	Laborers	
135 47	A5 16	100	- س	_	2
80.95	80.95	100	_		7
CONTRACTOR AND	100000000000000000000000000000000000000				
Amount (PhP)	Hourly Rate	No. of Hourds	No. of Person/s	Designation	

Checked/Reviewed by:

JERALO R. BARRERA
Engineer II
DPWH RO9

CONST..REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB..IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description 404(1)a Reinforcing Steel Bar, (Grade 40)

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 45,822.00 kg. 180.00

	(O.F. 111.F. 11.F. 0.F)			Total Offic Cost - We Evaluated	7.7
61.61	(G.1 + H.1 + I.1 + J.1)				
	5% of (G.2 + H.2 +I.2)			Value Added Tax (VAT) - As Evaluated	J.2
2.93	5% of (G.1 + H.1 +I.1)			Value Added Tax (VAT) - As Submitted	<u>.</u>
•	10% / 8% of G.2			Contractor's Profit (CP) - As Evaluated	12
3.98	10% / 8% of G.1				
•	15% / 12%/ 10% / 8% of G.2	15%	ated	_	
4.97	/12%/10%/8% of G.1	15%	nitted	Overhead. Contingencies & Miscellaneous (OCM) - As Submitted	H 4
49.72				Direct Unit Cost (E.1 + F.1) - As Submitted	
				Sub - Total for F.2 - As Evaluated	
					F.2
-				Materials	
43.79				Sub - Total for F.1 - As Submitted	
•					
•					
•					
					Ξ.
•					
9 [3)					
42.00	40.00	1.05	kg.	Reinforcing Steel Bar, Grade 40	
1.79	85.00	0.021	kg.	Tie Wire	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
. B•1.				Direct Unit Cost (C.2 + D.2) - As Evaluated	_
5.94					
180.00				Output per hour - As Evaluated	2 5
180.00				Output per hour. As Submitted	_
1,000.07				Total (A.1 + B.1) - As Submitted	
4 000 97				Sub - Total for B.2 - As Evaluated	
					B.2
				Equipment	
589.40				Sub - Total for B.1 - As Submitted	
•					
10.13	121.00	0.15	1	Cargo Iruck	B.1
391.90	331.30	1.00	. 1	Bar Bender	
219.75	219.75	1.00	. 1	Bar Cutter	
				radial formation in the state of the state o	
				Fruitment	
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	
479.47				Sub - Total for A.1 - As Submitted	
001,20	5.10	1.00	o	Laborers	
36, 136	28.61	1.00	0 2	Skilled Laborer	A.1
80.95	80.95	1.00	,	Const. Foreman	
				Labor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
		The second second			

Prepared by-

CheckediReviewed by:

JEBALD B. BARRERN

Engineer II

DPWH RO9

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description 404(1)b Reinforcing Steel Bar, (Grade 60)

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 10,268.00 kg. 180.00

				The second secon	11.6
•	(G.2 + H.2 + I.2 + J.2)				5 ?
65.51	(G1+H1+11+11)				J.2
	5% of (G 2 + H 2 + I 2)				
3.12	5% of (G.1 + H.1 +I.1)			_	- 1
	10% / 8% of G.2				3
4.23	10% / 8% of G.1				Ξ
	15% / 12%/ 10% / 8% of G.2	15%	ated	_	H.2
5.29	15% / 12%/ 10% / 8% of G.1	15%	nitted		Ŧ
			*	_	G.2
52.87				Sub- lotal for r.z - As Evaluated	2
					F.2
				_	1
46.94				Sub - Total for F.1 - As Submitted	
•					Ξ
39					
45.15	43.00	1.05	kg.	Reinforcing Steel Bar, Grade 60	
1.79	85.00	0.021	kg.	Tie Wire	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
					E.2
				.1 Direct Unit Cost (C.1 + D.1) - As Submitted	2
504					D.2
180.00					<u></u>
					C.2
1,068.87					2
				Sub - Total for B.2 - As Evaluated	
				Equipment	B 2
				Equipment	
589.40				Sub-Total for R 1 - As Submitted	
18.15	121.00	0.15	1	Cargo Truck	0
351.50	351.50	1.00	-	Bar Bender	
219.75	219.75	1.00	_	Bar Cutter	
				Edubusur	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit/s	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
				2	A.2
				Labor	
479.47				Sub - Total for A.1 - As Submitted	
361.25	45.16	1.00	8		
117.22	58.61	1.00	2	1 Skilled Loborer	Δ 1
80.95	80.95	1 00		Labor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

Checked/Reviewed by:

JERALD B. BARRERA
Engineer II
DPWH RO9

CONST..REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description 405(1)a3 Structural Concrete, Class "A"

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 1,865.00 cu.m. 1.40

0.0	(O.T. 11.T. 1.T. 0.T.)			K.Z Total Offic Cost - As Evaluated
6,000,21	(6.7 + H.7 + I.7 + J.7)			
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5% of (G.2 + H.2 +l.2)			100
421.66	5% of (G.1 + H.1 +l.1)			
	10% / 8% of G.2			I.2 Contractor's Profit (CP) - As Evaluated
17.176	10%/8% of G.1			I.1 Contractor's Profit (CP) - As Submitted
	15% / 12%/ 10% / 8% of G.2	15%	ated	H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
714.71	15% / 12%/ 10% / 8% of G.1	15%	itted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
1,141,00				G.2 Direct Unit Cost (E.2 + F.2) - As Submitted
30 LVF L				
				F.2 Materials
5,/54.90				Sub - Total for F.1 - As Submitted
333.05	274.18	1.215	kg.	Blown Asphalt (Vol.=1.01 cu.m.)
	1)12100		outill.	Componygroyama
1.124.80	1 124 80	1.00	CO.III.	Coarse Aggregates
508.90	1 017 80	0.50	Day Day	Fine Approaches
2 724 65	286.81	0.70	-	F.1 Assorted CWN
318.00	795.00	0.40		1=
700.00	40.00	17.50	kg.	Lumber
-				Materials
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification
				E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated
1,392.16				
1.40				
1.40				- 6
				C.2 Total (A.2 + B.2) - As Evaluated
1 949 03				_
				B.2
				Equipment
586.38				Sub - Total for B.1 - As Submitted
68 13				18T
10.00	10.00	1.00	_	Asphalt Kettle/Drum
				For Provision of Asphalt Sealent @ every grove
	4,100,00	0.10		B.1 water rucker unip
245.00	2 450 00	0.10	-	Water Trick Pinns
91.270	1/2.00	1.00		One Bagger Mixer
				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
				Tahor
1.362.64				Sub Total for A 4 - As Submitted
90.31	45.16	1.00	2	Laborers
80.95	80.95	1.00	-	Const. Foreman
				For Provision of Asphalt Sealent @ every grove
361.25	45.16	1.00	ω.	Johnson
234.44	58 61	1 00	4	A.1 Installation/Removal of Formworks
				_
361.25	45.16	1.00	8	Laborers
234.44	58.61	1.00	4	Skilled Laborers
80.95	80.95	1.00	1	Const. Foreman
				Labor
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation

Prepared by:

Checked/Reviewed by:

JERAKO B. BARRERA Engineer II DPWH RO9

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description 508(1) Handlaid Rock Embankment

15,365.00 cu.m. 3.125

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

	(G.2 + H.2 + I.2 + J.2)				2
1,573.55	(G.1 + H.1 + I.1 + J.1)			.2 Value Added Tax (VAT) - As Evaluated	J.2
/4.93	5% of (G.1 + H.1 +l.1)			_	٠.
	10% / 8% of G.2			_	1.2
101.60	10% / 8% of G.1				Ξ
-	15% / 12%/ 10% / 8% of G.2	15%	ated	.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Н.2
127.00	15% / 12%/ 10% / 8% of G.1	15%	itted		H 6.2
1,270.01					6.1
				Sub - Total for F.2 - As Evaluated	7.2
				_	3
1,101.24				Sub - Total for F.1 - As Submitted	
33.4					
240					
				5	Ξ
1,101.24	1,048.80	1.05	cu.m.	Boulders	i i
T.				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
168.77					Œ.
3.13					D.2
3.13					0.2
34.142				Total (A.1 + B.1) - As Submitted	2 2
507 40					
				_	B.2
				Equipment	
47.95				Minor Tools (10 % of Labor Cost)	
47 95				H - 1 100 - 11 - 1-00-11	
					B.1
				- Alexander	
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit/s	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					7.
					>
				Labor	
4/9.4/				Sub - Total for A.1 - As Submitted	
470.47					
0.00					
0.00					
361.25	45.16	1.00	8		<u>A</u>
117.22	58.61	1.00	2	Skilled Laborers	
80.95	80.95	1.00	_	Const. Foreman	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

CheckediReviewed by:

JERALD B. BARRERA

Engineer II

DPWH RO9

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA (MELDA, ZAMBOANGA SIBUGAY DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description 1716(6) Structural Steel Sheet Piles, Furnished (0.40wide)

10,848.00 ln.m. 48.00

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

)				Total City Cook and Estimated	7.7
	(6.2+H.2+l.2+J.2)			Total Unit Cost - As Submitted	5 5
4 000 27	0% OF (G.2 + H.2 +1.2)				J.2
190.49	5% of (G.1 + H.1 +l.1)			4	۲.
	10% / 8% of G.2				1.2
258.29	10% / 8% of G.1				=
	15% / 12%/ 10% / 8% of G.2	15%	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
322.86	15% / 12%/ 10% / 8% of G.1	15%	nitted		H.1
3,228.62					6.1
					i
				Materials	F.2
3,168.00				Sub - Total for F.1 - As Submitted	
•					
nen.					
					3
•3					T .
3,168.00	66.00	48.00	kg.	Steel Sheet Pile FY50	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
60.62					Ē.
48.00					D.2
48.00					D.1
•				Total (A.2 + B.2) · As Evaluated	C.2
2,909.96					2
				_	B.2
2,620.47				Sub - Total for B.1 - As Submitted	
14.47				Minor Tools (5% of Labor Cost)	
1					
2.0					83
2,606.00	2,606.00	1.00	_	Truckmounted Crane	
				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
4				Labor	
289.48				Sub - Total for A.1 - As Submitted	
0.00					
0.00					
				Laborers	A.1
90.31	45.16	1.00	2	Skilled Laborers	
117 22	80.95	1.00		Const. Foreman	
0005				Labor	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Person/s	Designation	
10 STEEL THE STEEL	29 BRADE TORS	1995 Atlanta mayo	En Sentra dens.		

Prepared by

Checked/Reviewed by: JERALD B. BARRERA
Engineer II
DPWH ROS

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description

1716(12) Structural Steel Sheet Piles, Driven

10,848.00 ln.m. 10.00

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

.

				- 11 - 12 - 12 - 12 - 12 - 12 - 12 - 12	[
•	(G.2 + H.2 + I.2 + J.2)			K.2 Total Unit Cost - As Evaluated	× 2
930.23	(6.1+H.1+I.1+J.1)				۔ ا
******	5% of (G 2 + H 2 + I 2)			_	ے
44 30	50/ of (G 1 + H 1 + I 1)			_	T-
	10%/8% of G2			_	
6000	13/61 12/61 10/61 0/6 01 G.Z	19%	uated	_	Ŧ
75.08	15% / 12% / 10% / 8% of G.1	15%	nitted	_	Ŧ
					G
750.79				G.1 Direct Unit Cost (E.1 + F.1) - As Submitted	G
				Sub - Total for F.2 - As Evaluated	()
				Materials	п
50:40				Sub - Total for F.1 - As Submitted	T
38.40					
v					
*					
×					
ř					7
36.00	3,750.00	0.0096		Oxygen/Acetylene	
2.40	100.00	0.024	ka	Walding Rod	_
		-		Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	im
712.39				E.1 Direct Unit Cost (C.1 ÷ D.1) - As Submitted	m
10.00				D.2 Output per hour · As Evaluated	.D
10.00				D.1 Output per hour · As Submitted	.p
-				C.2 Total (A.2 + B.2) - As Evaluated	c.
7,123.94				C.1 Total (A.1 + B.1) - As Submitted	<u>ب</u>
				Sub - Total for B.2 - As Evaluated	
				B.2	,B
				Equipment	T
6,419.40				Sub - Total for B.1 - As Submitted	
e.					
	50000000			County Count	
22.73	45.45	0.50	_	Cutting Outfi	
371.00	371.00	1.00	<u>.</u>		ŗ
1,296.67	1,296.67	1.00	4	R1 Gen Set	
2,123.00	2,123.00	1.00	-	Vibro Hammer	
2,606.00	2,606.00	1.00	_	Truck Mounted Crane	
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	ľ
				A.2	P
				FRANCE	
				Sub - lotal for A.1 - As Subillitied	T
704.55				Out Tatalian A A Colombia	
0.00					
0.00					
				A.1	A.
270.94	45.16	1.00	6		
351.66	58.61	1.00	6	Skilled I chorers	
80.95	80.95	1.00	4	Cost Forman	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by

Checked/Reviewed by:

JERALD B. BARRERA

Engineer II

DPWH RO9

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA IMELDA, ZAMBOANGA SIBUGAY

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description

1716(16) Steel Sheet Test Piles, Furnished and Driven

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

12.00 In.m. 8.00

	1			Intel Cuit Cost. We Paginated	2.2
6,842.85	(G.7 + H.7 + I.7 + J.7)				2
	5% of (G.2 + H.2 +l.2)			Value Added Tax (VAT) - As Evaluated	J.2
325.85	5% of (G.1 + H.1 +l.1)			Value Added Tax (VAT) - As Submitted	<u>-:</u>
	10% / 8% of G.2				1.2
441.83	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	Ξ
•	15% / 12%/ 10% / 8% of G.2	15%	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
552.29	15% / 12%/ 10% / 8% of G.1	15%	itted		.
•				Direct Unit Cost (E.2 + F.2) - As Evaluated	G.2
5,522.88					2
					F.2
- Indianal				Materials	
4 632 39				C.h TatalfarE4 As Cuhmitted	
10 •21 20					
36.00	3,750.00	0.0096	set	Oxy/Acetylene	
3.24	135.00	0.024	kg.	Welding Rod	
4,000.27	4,000.27	1.00	₽ .	Sheet Sheet Pile	
6.88	43.00	0.16	ka out	Nail/Snike	T .
144.00	520.00 36.00	0.85	M 3	Coco logs	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.Z + D.Z) - As Evaluated	E.2
890.49				Direct Unit Cost (C.1 + D.1) - As Submitted	
8.00				Output per hour - As Evaluated	D.2
8.00				Output per hour - As Submitted	
· ·				Total (A.1 + B.1) - As Subilitied	3 5
7 123 94				Sub - Total for B.2 - As Evaluated	2
					B.2
				Equipment	
6 419 40				O.L. Tale Co.D.A. A. Submitted	
·				Process Brown	
22.73	45.45	0.50		Cutting Outfit	
371.00	371.00	1.00	_	Welding Machine	B.1
1 296 67	4 206 67	1.00		Vibro Hammer	
2,606.00	2,606.00	1.00	-	Truck Mounted Crane	
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit/s	Name and Capacity	s.
				Sub - Total for A.2 - As Evaluated	
					A
					> 3
				Lapor	
704.55				Sub - Total for A.1 - As Submitted	L
0.00					
0.00					
					Α.
270.94	45.16	1.00	6	Laborers	_
351.66	58.61	1.00	6	Skilled Laborers	
80.95	80 95	100	•	Labor	
Amount had	nound water	NO. OI HOUITO	NO. OF FEI SOINS	Designation	
Amount (DkD)	Louis Bata	W. afthands	No de la constante		

Prepared by:

Checked/Reviewed by:

CONST./REHAB. OF FLOOD MITIGATION FACILITIES WITHIN MAJOR RIVER BASINS AND PRINCIPAL RIVERS REHAB./IMPROVEMENT OF FLOOD CONTROL FOR PREVENTION AND MITIGATION ALONG BRGY. SAN JOSE-POB. IMELDA, PART OF SUBUEY RIVER, IMELDA, ZAMBOANGA SIBUGAY DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description 1710(2)a Grouted Riprap, Class "A"

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 1,930.00 cu.m. 1.25

	A CONTRACTOR OF THE STATE OF TH			U.Z Total Cliff Cost, No Estimated	7.5
0,020.11	(G.2+H.2+l.2+J.2)		8	1 Total Unit Cost - As Submitted	5 5
3 628 17	0% of (6.2 + H.2 +1.2)				J.2
1/2//	5% of (G.1 + H.1 +l.1)				J.1
	10% / 8% of G.2				1.2
234.26	10% / 8% of G.1				Ξ
,	15% / 12%/ 10% / 8% of G.2	15%	uated		H.2
292.83	15% / 12%/ 10% / 8% of G.1	15%	nitted		Ξ ;
2,928.31				1 Direct Unit Cost (E.1 + F.1) - As Submitted 2 Direct Unit Cost (E.2 + F.2) - As Evaluated	6.1
					7.7
				Materials	n S
2,289.95				Sub - Total for F.1 - As Submitted	
22.67				Misc (1% of Materials Cost)	
1,101.24	1,048.80	1.05	cu.m.	Boulders	
1 101 2/	160.00	0.015	sq.m.	Filter Cloth	
31.90	106.33	0.30	m,	50mm. (2") PVC Pipe	
16.87	1,124.80	0.015	cu.m.	- 1	Ξ
254.45	1,017.80	0.250	cu.m.	Fine Aggregates	
860.42	286.81	3.00	bag	Portland Cement	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
					E.2
638.35				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	2
1.25					D.2
1.25					2 2
				Tatal (A 2 + B 2) As Submitted	0.1
70704					
				_	B.2
				Equipment	
23.97 318.47				Minor Tools (5 % of Labor Cost) Suh - Total for B.1 - As Submitted	
d ™					
					0
122.50	2,450.00	0.05	1	Water Truck/Pump	
172.00	172.00	1.00	1	One Bagger Mixer	
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit/s	Name and Capacity	
				200 - Iofai loi W.Z - Wa Evaluated	
				O. t. Tatal & A.O. A.o Evoluated	
					A.Z
					3
				Labor	
410.41				Sub - Total for A.1 - As Submitted	
A79 A7					
0.00					
0.00					
361.25	45.16	1.00	8	_	2
1 117.22	58.61	1.00	2	Skilled Laborers	
80.95	80.95	1.00	-	Const. Foreman	
				Lahor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	



Checked/Reviewed by: JERAJJO B. BARRERA
Engineer II
DPWH RO9

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 Un.≓ cu.m.

Hauling Distance 5.00 83.

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 Coarse Aggregates Unit weight of Fine Aggregates 1,534.00 1,640.00 kg/m3 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 좟

Speed when unloaded 40.00 핡

Loaded running 5.00 30.00 60 11 10.00 mins.

Loading and Unloading 5,00 mins.

Unloaded running

5.00

×

8

H

7.50

mins.

40.00

Capacity of Dumptruck 10.00 22.50 mins. cu.m.

No. of trips for Dumptruck Total Cycle time × 60.00 21.33

say 21.33 trips

Dumptruck daily output 0 22.50 × 21.33 H 213.33 cu.m.

per day

Using (4) Dumptrucks 11 4 00.000,1 213.33 11 853.33 cu.m.

No. of days for Dumptrucks

853,33

П

say

1.17

days

EQUIPMENT USED: (2009 ACEL RATES)

Unit Dumptruck

@ P 11,360.00 /day

× days

Sub - Total

7

H 70

53,250.00

53,250.00

Estimated Quantity		1,000.00 cu.m.	
Unit Cost	70	10.65 / cu. m./km.	10.65 / cv. m./km. (Unit Cost, Havling per cv.m.per km.
Grand Total	Р	53,250.00	
Equipment	70	53,250.00	
Labor	Ъ		
Materials	٦		

ZAMBOANGA SIBUGAY 1ST DEO

	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:	12.00	×	10.65	II	127.80	+	890.00	11	1,017.80
Cost of Coarse Aggregates:	12.00	×	10.65	11	127.80	+	997.00	И	1,124.80
Cost of Item 200 Materials:	12.00	×	10.65	и	127.80	+	720.00	11	847.80
Cost of Item 201 Materials:	12.00	×	10.65	11	127.80	+	714.00	II	841.80
Cost of Item 300 Materials:	12.00	×	10.65	11	127.80	+	700.00	11	827.80
Cost of Boulders:	12.00	×	10.65	II	127.80	+	921.00	П	1,048.80
Cost of Embankmen, Common Borrow:	10.00	×	10.65	ĮI.	106.50	+	325.00	H	431.50
Cost of Embankmen, Selected Borrow:	20.00	×	10.65	П	213.00	+	465.00	II	678.00

UNIT COST DERIVATION FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

78,330.00	1 A 1 O 1
220.00	Construction of Field Office for the Engineer (7.0m. X 9.0 m.)
1,661.00	Stone Masonry
99.00	Grouted Riprap, Class "A"
133.00	Reinf. Conc. Culvert Pipe, 910mm dia.
8,821.00	Structural Concrete, Class"A"
133.00	Reinforced Concrete Culvert Pipe, 910 mm. (36") diameter
67,263.00	Portland Cement Concrete Pavement, 0.28 m. thick
QUANTITY (Bags)	DESCRIPTION

Quantity = **78,330.00** Bags

Delivery Charge = P = 0.120 / bag/km.

12:00	PROJECT SITE
1300	Zamboanga Sibugay IST deo
HAULING DISTANCE	SITE

*Average hauling distance from Source to assumed Stockpiling area:

ay 12.00 km.

Delivery Charge = $P = 0.120 \times 12.00$ = P = 1.44 / bag

*Delivery Truck : 78,330.00 bags., (hauling works)

20,000.00 kgs., (capacity per haul)

500.00 bags, (capacity per haul)

익

*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

30.00 kph

Speed when loaded : 30.00 kph

Speed when unloaded : 40.00 kph

Loaded running

H

II

24.00 mins.

30.00

Unloaded running =
$$\frac{12.00 \times 60}{40.00}$$
 = 18.00 mins.

No. of trips for Dumptruck =
$$\frac{8.0 \times 60.00}{87.00}$$
 = 5.52 say 5.52 trip

Dumptruck daily output =
$$500 \times 5.52 = 2.758.62 \text{ cu.m.}$$

Using (4) Dumptrucks = $4 \times 2758.62 = 11.034.48 \text{ cu.m.}$

DELIVERY COST:

LABOR:

MATERIALS:

Unit Cost Estimated Quantity 78,330.00 Bags 286.81 / Bag,

70

say

7

286.81 / Bag

Delivery Cost Grand Total 70 Ĺ 22,465,483.45 112,795.20



CERTUSCI Structural Specialists

303 fee Business Corner, Juan Luna St., Dovae City, Philippines
Fax. 14382-2210577 Phone: 14382-2275218

Email: <u>injo@cerrusc.com.ph</u>

FORMAL QUOTATION

FILE NO. DPWHULRO (RMS)

RD JORGE U. SEEASTIAN JK. Regional Director - DPWH Region 9 Cifice Tervors Zamibnanga City

DPWH Design and Planning Division DPWH Region 9 Office Teluan, lamboanga City

subject : Sieel Sheet File Quotation

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an preased to offer you my best piece below items, subject to our standard terms and conditions of sale, as follows:

					-
Handina	Unit Price	Price per	Qly	Total Amount	REMARKS
STANGUED IS AN ALL TO THE TO YEES SECTION MODULUS: 874 CM3/M STANGE COLOR OF THE TO YEES	Php 38,016,00	Php 66.00	1000 pcs	Php 38,016,000.00	READILY
(344) 18, 1913 - S. Andl. (1918) 3 40 F					VANTABLE
400mm × 125mm x 13mm x 60 kg/m x 12meters SECTION MODULUS: 1340 CM3/M Steel Grade: SY 295	Php 47,520.00	Php 66.00	1000 pcs	Php 47,520,000.00	READILY AVAILABLE
DESTRUCTION OF THE STATE OF THE					1
600min x 355mm x 7mm x 53,4 kg/m x 12meters SECTION MODULUS: 947 CM3/M Steet Grade: Q235 B	Php 48,060.00	Php 75.00	667 pcs	Php 32.056,020.00	READILY AVAILABLE
\$00mm x 310mm x 9.5mm x 68.1 kg/m x 12meters SECTION MODULUS: 1240 CM3/M \$1884 Grade: Q235 B	Php 70.279.20	Php 75.00	667 pcs	Php 46.876.226.40	READILY
FODUCT SPECS AND STEEL GRADE:			-		

STEEL GRADES AVAILABLE: SY 295 / Q235B / S 355

TERMS AND CONDITIONS FOR SHEET PILE:

PICE above is Delivered ZAMBOANGA CITY PORT

Picyment Terms — 50% DOWNPAYMENT 50% BALANCE BEFORE DELIVERY
Lead time is 14-21 days from date of confirmed order and SUBJECT TO AVAILABILITY OF VESSEL
Alt orders must be supported with a formal Purchase Order

Office is valid within 15 days from date above

thank you and we tack forward to receiving your valued order soon All other terms and conditions to be mutually agreed prior to confirmation of order.

Aer's trofs hors

JAY LANCEKERWIN L. CINCO Soles Manager

160d 924

, 60

22.6557



Davas Golden Hardware. Pac.

Goldcrest Building, Km. 3, MacArthur Highway, Matina, 8000 Davao City Phone: (+63 82) 298-5849/ 298-5850/ 296-0878 Fax: (+63 82) 297-7700 Email: davgol1689/ahoo.cam

March 20, 2018

SALES QUOTATION

RD JORGE U. SEBASTIAN JR. Regional Director - DPWH Region 9 Office Tetuan, Zamboanga City

DPWH Design and Planning Division DPWH Region 9 Office Tetuan, Zamboanga City

S

Subject : Steel Sheet Pile Quotation

Dear RD Jorge,

Please see our offer for steel sheet piles:

	TERMS AND CO.
Php 70,280.20	560mm x 310mm x 9.5mm x 68.1 kg/m x 12meters SECTION MODULUS: 1240 CN3/M
	STEEL SHEET PILES
Php 48,164,40	SECTION MODULUS: 947 CMS/M
	SPRING VECTORES PILES
Pnp 47,860.00	SECTION MODULUS: 1340 CM3/M
	400mm x 125mm x 13mm x 60 kg/m x 12meters
	STEEL SHEET PILES
rnp 88,432.00	SECTION MODULUS: 874 CM3/M
	400mm x 100mm x 10.5mm x 48 kg/m x 12meters
	SIEEL SHEET PILES
Unit Price	
	Description

- TERMS AND CONDITION:

 Vat inclusive and Cash before delivery
 Delivered Zamboanga City Port
 Subject to change without prior notice
 Subject to availability
 Price validity 7 days

Thank you.

Yery truly yours,

ARTURAJA. YUTIG, JR. Sales Manager