



Republika ng Pilipinas
National Irrigation Administration
(PAMBANSANG PANGASIWAAN NG PATUBIG)
CAVITE-BATANGAS IRRIGATION MANAGEMENT OFFICE

Office Address: NIA-Cavite FLIS/Provincial Irrigation Management Office,
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E-mail Address: cavitebatangasimo@yahoo.com
TIN No. 000-916-415-003

October 11, 2018

Name of Project: Mabacao Pump Irrigation Project
Location: Maragondon, Cavite

Variation #1

To: N.B Avila Construction

You are hereby directed to make the herein changes from POW, or do the following described work included in the POW.

DESCRIPTION OF WORK TO BE: Construction of Canal Lining for MABACAO IRRIGATION PUMP

REASON FOR CHANGE: The Item of Construction of Pavement transfer to Construction of Canal Lining in Lateral A and Replace the Existing Canal of the upstream of the proposed project

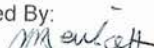
Changes Requested by: NIA Cavite-Batangas Irrigation Office and Mabacao Tulay B Irrigator's Association.
Work to be performed at contract price.

ITEMIZED QUANTITIES AND COST REVISION ARE ON THE ATTACHED SHEET


We, the undersigned contractors have given earful consideration to the changes proposed hereby agree, if this proposal is approved.

Difference in Cost this change	= 4,646,561.89	121.76
Original Contract Amount	= 4,646,681.31	4,646,559.55
Estimated Revised Contract Amount	= 421.76	4,646,681.31

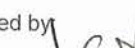
Accepted By:


NORMELITA B. AVILLA
Contractor

Prepared by:


ALVIN IAN B. DIGNO
Eng'g Asst. A


Reviewed by:


JAIME C. DE JESUS
Senior Engr. A


Submitted by:


NICASIO C. PAGDANGANAN JR.
Division Manager A

Recommended for approval:


GLORIOSA L. HERNANDEZ
Div. Manager A for Eng'g & Operation

Approved by:


ROMEO M. LOPEZ
Regional Director Manager

RMA
FKW-JJ

FKW-JJ/20
FKW

ITEMIZED COST OF REVISION

GAA FY 2018- PIP

Mabacao PIP, Maragondon Cavite

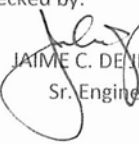
ITEM No.	SLOPE OF WORKS	Original Contract				Variation No. 1			
		QUANTITY	UNIT	UNIT PRICE		QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
I.	Protection Works								
1	Class "A" Concrete Ordinary	96.50	cu.m	11,625.00	1,121,812.50	96.50	cu.m	11,625.00	1,121,812.50
2	Cofferdaming	72.00	cu.m	174.00	12,528.00	72.00	cu.m	174.00	12,528.00
3	Cost of Dewatering	43.90	cu.m	101.00	4,433.90	43.90	cu.m	101.00	4,433.90
4	Dowels	157.00	cu.m	448.00	70,336.00	157.00	cu.m	448.00	70,336.00
5	Rubble Masonry	15.50	cu.m	5,739.00	88,954.50	15.50	cu.m	5,739.00	88,954.50
6	Industrial Engine	2.00	cu.m	50,000.00	100,000.00	2.00	cu.m	50,000.00	100,000.00
7	Class "B" Concrete Flooring	60.76	cu.m	8,299.00	504,413.22	111.24	cu.m	8,299.00	923,180.76
8	Class "B" Concrete Ordinary/Side wall	94.86	cu.m	10,629.00	1,008,266.94	189.36	cu.m	10,629.00	2,012,707.44
9	Structure Excavation	353.63	cu.m	141.00	49,861.83	401.70	cu.m	141.00	56,639.70
10	Structure Bacfill	359.93	cu.m	117.00	42,111.81	535.80	cu.m	117.00	62,688.60
11	Class "A" Concrete Pavement	198.75	cu.m	7,251.00	1,441,136.25				
12	Road Surfacing (Base Coarse)	116.90	cu.m	932.00	108,950.80				
13	Road Surfacing (Sub Base Coarse)	116.9	cu.m	802.00	93,753.80				
14	Class "A" Concrete Flooring					6.860	cu.m	10,568.50	72,499.91
15	Class "A" Concrete Ordinary/Side wall					10.400	cu.m	11,625.00	120,900.00
					4,646,559.55				4,646,681.31

Original Sum Involve in this Revision 4,646,559.55
 New Sum Involve in this Revision 4,646,681.31
 Difference Cost 121.76

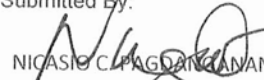
Prepared By:


 ALVIN JAN B. DIGNO
 Engineering Asst. A


Checked by:


 JAIME C. DEVESUS
 Sr. Engineer A


Submitted By:


 NICASIO C. PAGDANGANAN JR.
 Division Manager A
 Cavite-Batangas IMO

RECOMMENDED
 Reviewed by:


 GLORIOSA L. HERNANDEZ
 Division Manager A
 Engineering & Operation

Approved By:


 ROMEO M. LOPEZ
 Region Manager

RMA
 FCSJ-J

NEW MASTERLIST

CAVITE-BATANGAS IMO

VII. LISTING & SUMMARY OF WORK TO BE DONE

DIVERSION WORKS	length	Class "A" Concrete	Dowel Bars 25 mm Ø	Cofferdamming (Mech.)	Cost of Dewatering	Rubble Masonry	Industrial Engine	Class "B" Flooring	Class "B" Concrete ord/sidewall	Structure Excavation	Structure Backfill	Class "A" Concrete Pavement	Road Surfacing Base Course	Road Surfacing Sub-Base Course	Class "A" Concrete Ordinary/Sidewall	Class "A" Concrete Flooring	FUND SOURCE:			RGPIS CY-2018							
																	CAVITE			Restore Area	Farmers Fb's	Farmers Household Benef	JOB Gen				
																	District	TOWN	Barangay								
STATION	m	w/ hauling 400m	w/ hauling 400m	cu.m.	cu.m.	cu.m	LS	cu.m	cu.m	cu.m	cu.m																
A. Civil Works																											
Mabacao Pump																											
1. Existing Industrial Engine							2.00																				
2. Canal Lining (sta. 0+971.38-Sta. 1+221.38) MC	250.00							21.45	33.48	57.05	87.88								7	Maragondon	Mabacao	35.00	35.00	140.00	32		
3. Canal Lining (sta. 1+223.58-Sta. 1+400.00) MC	176.42							15.14	23.63	71.30	66.48								7	Maragondon	Mabacao						
4. Canal Lining (sta. 1+400-Sta. 1+681.88) MC	281.88							24.19	37.75	52.90	109.00																
Total Canal Length	708.30																										
5. Canal Lining (sta. 0+760.38-Sta. 0+971.38) MC	211.00							20.85	48.28	154.30	44.20																
6. Canal Lining (sta. 0+000.00-Sta. 0+080.00) Lateral A	80.00														10.40	6.86											
7. Canal Lining (sta. 0+080.00-Sta. 0+320.00) Lateral A	240.00							20.86	32.14																		
8. Canal Lining (sta. 0+320.00-Sta. 0+425.10) Lateral A	105.10							9.02	14.08																		
9. Canal Lining (sta. 0+000.00-Sta. 0+425.10) Lateral A										56.15	228.25																
BALAYUNGAN DAM																											
6. Diversion Works (Wearing Surface) Dam Crest	12.50	45.40	75.00	48.00	29.30														7	Maragondon	Pantihan						
7. Diversion Works (Wearing Surface) Right Side of Tower	10.66	11.20	27.00			15.50																					
8. Diversion Works (Wearing Surface) left Side OF Sluice gate	23.60	39.90	55.00	24.00	14.60																						
TOTAL		96.50	157.00	72.00	43.90	15.50	2.00	111.24	189.36	401.70	535.80	-	-	-	10.40	6.86			-	-	35.00	35	140	32			