



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

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TIN No. 000-916-415-003

Name of Project: **PALICO RIS**  
Location: **Nasugbu, Batangas**

Contract No.: *412-0282-18-000*

Variation Order No. *2*

To: **FRANDEL CONSTRUCTION AND DEV'T CORP**

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

**DESCRIPTION OF WORK TO BE DONE:** Construction of Protection Works

**REASON FOR CHANGE:** *RE-STATIONING OF PROPOSED PROTECTION WORKS*  
**Changes Requested by:** NIA CB-IMO and IA Personnel  
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	=	93.43
Original Contract Amount	=	4,983,519.45
Estimated Revised Contract Amount	=	4,983,612.89

Accepted By:

\_\_\_\_\_  
Contractor

Prepared by:

*Neil Ardiemel B. Dorio*  
NEIL ARDIEMEL B. DORIO  
Engineer A

Reviewed by:

*Edwin C. Nazareno*  
EDWIN C. NAZARENO  
Senior Engr. A

Submitted by:

*Nicasio C. Pacdanganan, Jr.*  
NICASIO C. PACDANGANAN, Jr.  
Division Manager A

Recommended for approval:

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

Approved by:

*Romeo M. Lopez*  
ROMEO M. LOPEZ  
Regional Director Manager

*RMA*  
*FKW*

ITEMIZED COST OF REVISION

GAA FY 2018- CCAW - NIS  
PALICO RIS 6M, NASUGBU, BATANGAS


ITEM No.	SLOPE OF WORKS	Original Contract				Variation No. 1			
		QUANTITY	UNIT	UNIT PRICE		QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
I.	Protection Works								
1	Rubble Masonry	812.50	cu.m	5,213.30	4,235,806.25	790.13	cu.m	5,213.30	4,119,158.66
2	Filter Drain	210.60	cu.m	2,938.80	618,911.28	243.81	cu.m	2,938.80	716,508.83
3	Structure Excavation	410.20	cu.m	181.40	74,410.28	491.55	cu.m	181.40	89,167.85
4	Structure Backfill w/ Compaction	194.81	cu.m	193.50	37,695.74	203.87	cu.m	193.50	39,448.83
5	Dewatering Foundation	117.00	cu.m	142.70	16,695.90	135.45	cu.m	142.70	19,328.72
					4,983,519.45				4,983,612.89

Original Sum Involve in this Revision **4,983,519.45**  
 New Sum Involve in this Revision **4,983,612.89**  
 Difference Cost **93.43**


Prepared By:

  
NEIL ARDIEMEL B. DORIO  
 Engineer A

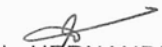
Checked by:

  
EDWIN C. NAZARENO  
 Sr. Engineer A

Submitted By:

  
NICASIO C. PAGDANGANAN, Jr.  
 Division Manager A  
 Cavite-Batangas IMO

Reviewed by:

RECOMMENDED BY:  
  
GLORIOSA L. HERNANDEZ  
 Division Manager A  
 Engineering & Operation

Approved By:

  
ROMEO M. LOPEZ  
 Region Manager

RMA  
 FCS-J.J

PA. 0 ) NASUGBU BATANGAS  
ORIGINAL CONTRACT  
MASTER LIST OF ITEMS OF WORK

Name of Structures	Name of Canal	STATIONING		Rubble Masonry	Filter Drain	Cost of Dewatering	Structure Excation	Structure Backfill
		FROM	TO					
Protection works	Left Side	0+000.00	0+030.00	187.50	48.60	18.23	790.13	
	Left Side	0+060.00	0+160.00	625.00	162.00	13.16		
Sub-Total:				812.50	210.60	117.00	410.20	194.81
Unit Cost				5,213.30	2,938.80	142.70	181.40	193.50
Estimated Cost				4,235,806.25	618,911.28	16,695.90	74,410.28	37,695.74
Total		4,983,519.45						

PALICO RIS, NASUGBU BATANGAS  
VARIATION # 2  
MASTER LIST OF ITEMS OF WORK

Name of Structures	Name of Canal	STATIONING		Rubble Masonry	Filter Drain	Cost of Dewatering	Structure Excation	Structure Backfill
		FROM	TO					
Protection works	Left Side	0+000.00	0+040.00	210.00	64.80	36.00	100.80	57.19
	Left Side	0+070.00	0+130.00	315.00	97.20	54.00	192.55	51.65
	Left Side	0+155.00	0+170.00	78.75	24.30	13.50	91.39	8.08
	Left Side	0+230.00	0+261.00	162.75	50.22	27.90	73.63	67.61
	Left Side	0+305.50	0+310.00	23.63	7.29	4.05	33.19	19.35
Sub-Total				790.13	243.81	135.45	491.55	203.87
Unit Cost				5,213.30	2,938.80	142.70	181.40	193.50
Estimated Cost				4,119,158.66	716,508.83	19,328.72	89,167.85	39,448.83
Total		4,983,612.89						