



**MAGAY COMMUNAL IRRIGATION SYSTEM
(RRECIS CY-2019)**

SUMMARY OF CY -2019 PROGRAM OF WORK (POW)

Annex "C"
M.C. No. 39, s. 2015

REGION / PMO	NATIONAL IRRIGATION ADMINISTRATION			Program No.	
PROJECT TITLE	CY 2019 Program of Work			Date	
NAME OF SYSTEM/PROJECT	MAGAY COMMUNAL IRRIGATION SYSTEM				
SYSTEMS CATEGORY	National Irrigation System				
PROJECT DESCRIPTION	CONCRETE PAVEMENT				

I. GENERAL INFORMATION					
1. Project Location	IV-A			6. Overall Project Cost (P)	
a. Region	CAVITE			a. GOP	Original 7,032,000.00
b. Province / City / Municipality District	MARAGONDON 7th			b. Loan Proceeds	
				c. Others (If any, etc.)	
				TOTAL	7,032,000.00
2. Service area / Designed area (Ha.)				7. Physical Target (Overall)	
				a. New Area (Ha.)	
3. Source of Water				b. Restored Area (Ha.)	
3.a Drainage Area	MAGAY RIVER			c. Repair works: (specific for rehab.)	
3.b Dependable Flow				c.1 Earth Canal (km.)	
				c.2 Lined canal (km.)	
4. Type of Irrigation	5. PT of Diversion			c.3 Structures (units)	
(Pls. check the type of irrigation)	Latitude	Longitude		c.4 Coconut Slope Protection (sqm.)	
a. Run off the River	14.24478 N	120.78694 E		c.5 Concrete Service Roads (km.)	
b. Reservoir				c.6 Earth/Gravel Roads (km.)	
c. Ground Water Pump				c.7 Other repair works: (Desilting of Canal)	
				c.8 Rehab. Area (Ha.) (Attribution)	
				d. Other Activities: (Canal Lining)(km.)	1.432
				8. Physical Target (Overall)	
				a. Physical Starting Date	Original upon release of NTP
				b. Completion Date	

II. WORK TO BE DONE (For the current year)					
1. Performance Weight				4. Physical Target	
a. Contract Works	93%			a. New Area (Ha.)	
b. Force Account Works	0%			b. Restored Area (Ha.)	
c. Others	7%			c. Repair works: (specific for rehab.)	
TOTAL	100%			c.1 Earth Canal (km.)	
				c.2 Lined canal (km.)	
2. Starting Date:		upon release of NTP		c.3 Structures (units)	
3. No. of days to Complete:		150 Days		c.4 Coconut Slope Protection (sqm.)	
				c.5 Concrete Service Roads (km.)	
				c.6 Earth/Gravel Roads (km.)	
				c.7 Other repair works:	
				c.8 Rehab. Area (Ha.) (Attribution)	
				d. Other Activities: (Canal Lining)(km.)	1.432

III. BREAKDOWN OF CURRENT YEAR PROGRAM				PREPARED BY:	
DIRECT COST	Field Office	Central Office	Total		
1. CIVIL WORKS				 AERON ANTHONY L. COSTELO Engineering Assistant B	
a. Contract Works	6,547,772.40		6,547,772.40		
b. Force Account Works					
2. INSTITUTIONAL DEVT. PROGRAM	105,480.00		105,480.00	CHECKED BY:	
3. CONSTRUCTION SURVEY	18,527.60		18,527.60	 JAIME C. DEJESUS Senior Engineer A	
4. PARCELLARY MAPPING/SURVEY				APPROVED BY:	
5. RIGHT OF WAY ACQUISITION, PLANT/PROPERTY DAMAGES				 NICASIO C. PAGDANGANAN JR. Division Manager A	
6. PROCUREMENT OF EQUIPMENT & VEHICLE	149,260.00		149,260.00	NOTED BY:	
7. FIELD SUPORT, SUPERVISION & MONITORING	210,960.00		210,960.00	 ROMEO M. LOPEZ GLORIOSA L. HERNANDEZ Acting Regional Manager	
8. CONSULTING SERVICES				COR-8: Rma 8 GH 8	
9. TAXES (For selected FAPs)				NOTED BY:	
10. CONTINGENCIES				DELSY I. REVILLAME Acting Manager Operation Department	
TOTAL DIRECT COST	7,032,000.00		7,032,000.00		

IV. SOURCES OF FUNDS					
A. CAPITAL OUTLAY					
1. GOP	7,032,000.00		7,032,000.00		
2. LOAN PROCEEDS					

VII. LISTING & SUMMARY OF WORK TO BE DONE

CAVITE-BATANGAS IMO
MAGAY COMMUNAL IRRIGATION SYSTEM

FUND SOURCE:

RRECIS CY-2019

DIVERSION WORKS	Length	Class "A" Concrete Pavement	Base Coarse	CAVITE			REHAB. Area	Farmers Fb's	Farmers Household Benef	JOB Gen
				District	TOWN	Barangay				
STATION	m	cu.m.	cu.m.	7th	Naic					
A. Civil Works										
1. Concrete Pavement										
Sta. 0+000 - Sta. 1+162 Lat. C-2	1,162.00	683.25	182.39							
Sta. 2+630 - Sta. 2+293.25 Main Canal	270.00	175.95	39.96							
TOTAL	1,432.00	859.20	221.24							
UNIT COST		7,369.44	976.07							

6,331,826.67 215,945.73

Force Account Works
Contract

6,547,772.40

TOTAL CIVIL WORKS

6,547,772.40

I.D.P. 1.50%

105,480.00

Const. Survey

18,527.60

Field Support, Supervision & Monitoring 3%

210,960.00

Procurement of Equipment

149,260.00

DIRECT COST

7,032,000.00

**MAGAY COMMUNAL IRRIGATION SYSTEM
PROJECT COST AND QUANTITIES DETAILED BREAKDOWN
2019 OVERALL PROGRAM OF WORKS**

ANNEX E
Attachment "D"

ACTIVITY	UNIT	QTY	ESTIMATED DIRECT COST		INDIRECT COST				TOTAL	
			UNIT COST	TOTAL EDC	15% OCM	10% PROFIT	5% VAT	TOTAL	UNIT COST	PROJECT COST
A. DIRECT COST										
I. CONTRACT WORKS										
Class "A" Concrete Pavement	cu.m	859.20	5,614.81	4,824,248.89	842.22	561.48	350.93	1,754.63	7,369.44	6,331,826.67
Base Coarse	cu.m	221.24	743.67	164,529.55	111.55	74.37	46.48	232.40	976.07	215,945.73
Total of Contract Works				4,988,778.44						6,547,772.40
II. FORCE ACCOUNT WORKS										
Institutional Development Program	LS	1.00	105,480.00	105,480.00					105,480.00	105,480.00
Construction Survey	LS	1.00	18,527.60	18,527.60					18,527.60	18,527.60
Total of Force Account Works				124,007.60						124,007.60
III. RIGHT OF WAY ACQUISITION/DAMAGES										
1. Land acquisition										
2. Plant Damages										
3. Property Damages										
Total of Right of Way										
IV. PROCUREMENT OF EQUIPMENT	LS	1.00	149,260.00	149,260.00					149,260.00	149,260.00
V. FIELD SUPPORT, SUPERVISION AND MONITORING	LS	1.00	210,960.00	210,960.00					210,960.00	210,960.00
VI. CONSULTING SERVICES										
VII. TAXES										
VIII. CONTINGENCIES										
1. Physical Contingency										
2. Financial Contingency										
TOTAL DIRECT COST				5,323,746.04						7,032,000.00
B. INDIRECT COST (Subsidy)										
GRAND TOTAL				5,323,746.04						7,032,000.00