



**MAYMANGGA PIP
(EGPIP CY-2019)**

SUMMARY OF CY -2019 PROGRAM OF WORK (POW)

REGION / PMO	NATIONAL IRRIGATION ADMINISTRATION		Program No.	
PROJECT TITLE	CY 2019 Program of Work		Date	
NAME OF SYSTEM/PROJECT	MAYMANGGA PIP			
SYSTEMS CATEGORY (NIS/CIS, NIP/SIP)	National Irrigation System			
PROJECT DESCRIPTION	Establishment of Groundwater Solar Pump Irrigation Project			
I. GENERAL INFORMATION				
1. Project Location		6. Overall Project Cost (P)	Original	Revised
a. Region	IV-A	a. GOP	5,000,000.00	
b. Province /	Cavite	b. Loan Proceeds		
City / Municipality	Magallanes	c. Others (Equity, etc.)		
District	7	TOTAL	5,000,000.00	-
2. Service area /	12.00	7. Physical Target (Overall)		
Designed area (Ha.)		a. New Area (Ha.)		12.00
3. Source of Water		b. Restored Area (Ha.)		
3.a Drainage Area		c. Repair works: (specific for rehab.)		
3.b Dependable Flow		d. Other Activities: (Pls. specify)		Solar Pump
4. Type of Irrigation	5. PT of Diversion	8. Physical Target (Overall)	Original	Revised
(Pls. check the type of irrigation)	Latitude	a. Physical Starting Date	February 2019	
a. Run off the River		b. Completion Date	June 2019	
b. Reservoir				
c. Ground Water Pump	14.1653 N			
d. Others	120.7297 E			
II. WORK TO BE DONE (For the current year)				
1. Performance Weight	%	4. Physical Target		
a. Contract Works	94.91%	a. New Area (Ha.)		12.00
b. Force Account Works	0.00%	b. Restored Area (Ha.)		
c. Others	5.09%	c. Repair works: (specific for rehab.)		
TOTAL	100.00%	d. Other Activities: (Pls. specify)		Solar Pump
2. Starting Date:	February 2019			
3. No. of days to Complete:	150 days			
III. BREAKDOWN OF CURRENT YEAR PROGRAM				
	Field Office	Central Office	Total	Submitted by:
DIRECT COST				
1. CIVIL WORKS				 IONILOU V. BAUTISTA Engineer A
a. Contract Works	4,745,288.71		4,745,288.71	
b. Force Account Works	-		-	 JAMES C. DE JESUS Sr. Engineer A
2. INSTITUTIONAL DEVT. PROGRAM	100,000.00		100,000.00	
3. CONSTRUCTION SURVEY	4,711.29		4,711.29	 CHARLIE D. IBARROLA Division Manager A
4. PARCELLARY MAPPING/SURVEY				
5. RIGHT OF WAY ACQUISITION, PLANT/PROPERTY DAMAGES				 GLORIOSA L. HERNANDEZ Acting Regional Manager CDR-8 DRG
6. PROCUREMENT OF EQUIPMENT & VEHICLE				
7. FIELD SUPORT, SUPERVISION & MONITORING	150,000.00		150,000.00	
8. CONSULTING SERVICES				
9. TAXES (For selected FAPs)				
10. CONTINGENCIES				
TOTAL DIRECT COST	5,000,000.00	-	5,000,000.00	
IV. SOURCES OF FUNDS				
A. CAPITAL OUTLAY				
1. GOP	5,000,000.00		5,000,000.00	
2. LOAN PROCEEDS				

VII. LISTING & SUMMARY OF WORK TO BE DONE

CAVITE-BATANGAS IMO
MAYMANGGA PIP, Magallanes, Cavite

FUND SOURCE: EGIPI CY-2019

DIVERSION WORKS/CANAL STRUCTURES/ ROAD SYSTE	length	Solar Pump Facilities & Accessories	Driling and Installation of Well Casing	Class "A" Concrete (Water Tank)	Structure Excavation (Indurated Materials)	Struture Beckfill	Clearing and Grubbing	Pipeline	CAVITE			NEW. Area	Farmers Fb's	Farmers Household Benef	JOB Gen	
									District	TOWN	Barangay					
STATION	m	L.S	L.S	cu.m.	cu.m.	cu.m.	cu.m.	L.S								
Contract Works																
1. Solar Pump Facilities & Accessories		1.00								7	Naic	Halang	12.00	12.00	48.00	30
2. Drilling and Installation of Well Casing			1.00													
3. Concrete Water Tank				26.78	6.28	40.50	56.25									
4. Pipeline and Fittings								1.00								
TOTAL		1.00	1.00	26.78	6.28	40.50	56.25	1.00					12.00	12	48	30
UNIT COST		3,000,000.00	1,088,384.50	16,562.30	554.80	221.90	10.40	200,295.38								
		3,000,000.00	1,088,384.50	443,554.96	3,481.92	8,986.95	585.00	200,295.38								

Force Account Works	
Contract	4,745,288.71
TOTAL CIVIL WORKS	4,745,288.71
I.D.P. 2.00%	100,000.00
Const. Survey	4,711.29
Field Support, Supervision & Monitoring 3 %	150,000.00
DIRECT COST	5,000,000.00

MAYMANGGA PIP
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										
1. Solar Pump Facilities and Accessories	L.S	1.00	2,285,714.29	2,285,714.29	342,857.14	228,571.43	142,857.14	714,285.71	3,000,000.00	3,000,000.00
2. Drilling and Installation of Well Casing	L.S	1.00	829,245.33	829,245.33	124,386.80	82,924.53	51,827.84	259,139.17	1,088,384.50	1,088,384.50
3. Class "A" Concrete (Water Tank)	cu.m.	26.78	12,618.89	337,946.49	1,892.83	1,261.89	788.68	3,943.40	16,562.29	443,554.96
4. Structure Excavation	cu.m.	6.28	422.67	2,652.68	63.40	42.27	26.42	132.09	554.76	3,481.92
5. Structure Backfill	cu.m.	40.50	169.07	6,847.34	25.36	16.91	10.57	52.84	221.91	8,986.95
6. Clearing and Grubbing	cu.m.	58.25	7.93	446.06	1.19	0.79	0.50	2.48	10.41	585.00
7. Pipeline and Fittings	L.S	1.00	152,606.00	152,606.00	22,890.90	15,260.60	9,537.88	47,689.38	200,295.38	200,295.38
Total of Contract Works										4,745,288.71
II. FORCE ACCOUNT WORKS										
1. IDP	L.S.	1.00	100,000.00						100,000.00	100,000.00
2. Construction Survey	L.S.	1.00	4,711.29						4,711.29	4,711.29
Sub-Total of Force Account Works										104,711.29
III. RIGHT OF WAY ACQUISITION/DAMAGES										
1. Land acquisition										
2. Plant Damages										
3. Property Damages										
Sub-Total of Right of Way										
IV. PROCUREMENT OF EQUIPMENT										
V. FIELD SUPPORT, SUPERVISION AND MONITORING	L.S	1.00	150,000.00						150,000.00	150,000.00
VI. CONSULTING SERVICES										
VII. TAXES										
(for selected Foreign - Assisted Projects)										
VIII. CONTIGENCIES										
1. Physical Contingency										
2. Financial Contingency										
TOTAL DIRECT COST				3,615,458.19						5,000,000.00
B. INDIRECT COST (Subsidy)										
GRAND TOTAL				3,615,458.19						5,000,000.00