



**HALANG II PIP
(EGPIP CY-2019)**

SUMMARY OF CY -2019 PROGRAM OF WORK (POW)

ANNEX B

REGION / PMO		NATIONAL IRRIGATION ADMINISTRATION		Program No.	
PROJECT TITLE		CY 2019 Program of Work		Date	
NAME OF SYSTEM/PROJECT		HALANG II 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	Naic	c. Others (Equity, etc.)			
District	7	TOTAL	5,000,000.00		
2. Service area /		7. Physical Target (Overall)			
Designed area (Ha.)	2.00 - 8 <i>DRG 05/18/18</i>	a. New Area (Ha.)	8		<i>DRG 05/18/18</i>
3. Source of Water		b. Restored Area (Ha.)	-2		
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 (Pls. check the type of irrigation)		8. Physical Target (Overall)		Original	Revised
a. Run off the River	5. PT of Diversion	a. Physical Starting Date	February 2019		
b. Reservoir	Latitude	b. Completion Date	June 2019		
c. Ground Water Pump	14.298900 N				
d. Others	Longitude				
	120.801050 E				
II. WORK TO BE DONE (For the current year)					
1. Performance Weight		4. Physical Target			
a. Contract Works	94.81%	a. New Area (Ha.)	-2		
b. Force Account Works	0.00%	b. Restored Area (Ha.)			
c. Others	5.19%	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				 IONIQU V. BAUTISTA Engineer A	
1. CIVIL WORKS					
a. Contract Works	4,740,259.60		4,740,259.60		
b. Force Account Works	-		-		
2. INSTITUTIONAL DEVT. PROGRAM	100,000.00		100,000.00		
3. CONSTRUCTION SURVEY	9,740.40		9,740.40		
4. PARCELLARY MAPPING/SURVEY					
5. RIGHT OF WAY ACQUISITION, PLANT/PROPERTY DAMAGES					
6. PROCUREMENT OF EQUIPMENT & VEHICLE					
7. FIELD SUPORT, SUPERVISION & MONITORING	150,000.00		150,000.00		
8. CONSULTING SERVICES				Recommended by:	
9. TAXES (For selected FAPs)				 JAIME C. DE JESUS Sr. Engineer A	
10. CONTINGENCIES					
TOTAL DIRECT COST	5,000,000.00	-	5,000,000.00	Approved by:	
				 CHARLIE D. IBARROLA Division Manager A	
IV. SOURCES OF FUNDS					
A. CAPITAL OUTLAY					
1. GOP	5,000,000.00		5,000,000.00	Noted by:	
2. LOAN PROCEEDS				 ROMEO M. LOPEZ Acting Regional Manager	

HALANG II 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	699,686.86	699,686.86	104,953.02	69,968.69	43,730.43	218,652.14	918,339.00	918,339.00
3. Class "A" Concrete (Water Tank)	cu.m.	49.65	12,380.16	614,674.94	1,857.06	1,238.02	773.76	3,868.84	16,249.00	806,762.85
4. Structure Excavation	cu.m.	6.28	490.67	3,081.41	73.59	49.07	30.67	153.33	644.00	4,044.32
5. Structure Backfill	cu.m.	40.50	196.27	7,948.94	29.43	19.63	12.27	61.33	257.60	10,432.80
6. Clearing and Grubbing	cu.m.	56.25	9.20	517.50	1.39	0.92	0.59	2.90	12.10	660.63
Total of Contract Works										4,740,259.60
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	9,740.40						9,740.40	9,740.40
Sub-Total of Force Account Works										109,740.40
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. CONTINGENCIES										
1. Physical Contingency										
2. Financial Contingency										
TOTAL DIRECT COST				3,611,623.94						5,000,000.00
B. INDIRECT COST (Subsidy)										
GRAND TOTAL				3,611,623.94						5,000,000.00