



**NATIONAL IRRIGATION ADMINISTRATION**

SUMMARY OF CY 2019 PROGRAM OF WORK (POW)

Annex "C"

MC No. 39, s. 2015

REGION / PMO	: 4-A - LAGUNA-RIZAL IRRIGATION MANAGEMENT OFFICE	Program No.	: 01
PROJECT TITLE	: EGPIP CY 2019	Date	: 12-Dec-18
NAME OF SYSTEM / PROJECT	: BARAS PIP		
SYSTEMS CATEGORY (NIS/CIS, NIP/SIP)	: PIP		
PROJECT DESCRIPTION	: PROCUREMENT & DELIVERY OF 13 (THIRTEEN) UNITS 4" Ø CENTRIFUGAL PUMP 7HP (DIESEL ENGINE DRIVEN) W/ COMPLETE ACCESSORIES		

**I. GENERAL INFORMATION**

<b>1. Project Location</b>		<b>6. Overall Project Cost (P)</b>	
a. Region	IV-A	a. GOP	Original 1,500,000.00
b. Province	Rizal	b. Loan proceeds	
City / Municipality	Baras	c. Others (Equity, etc.)	
District	II	TOTAL	Original 1,500,000.00
<b>2. Service Area /</b>		<b>7. Physical Target (Overall)</b>	
Designed area (ha.)	48.16 (NEW)	a. New Area (Ha)	48.16
<b>3. Source of Water</b>		b. Restored Area (Ha)	
3.a Drainage Area		c. Repair Works (specific for rehab)	
3.b Dependable Flow	LAGUNA LAKE / CREEK	c.1 Earth Canal (km)	
<b>4. Type of Irrigation</b>		c.2 Lined canal (km)	
		c.3 Structures(units)	
		c.4 Coconet Slope Prot.(sqm)	
		c.5 Concrete Service Roads(km)	
		c.6 Earth/gravel Roads (km)	
		c.7 Rehab area, Ha (attribution)	204.02
		<b>8. Overall Implementation Schedule</b>	
		a. Physical Starting Date	Original January 2019
		b. Completion Date	Revised February 2019

**II. WORK TO BE DONE (For the current year)**

<b>1. Performance Weight</b>		<b>4. Physical Target:</b>	
a. CONTRACT WORKS		a. New Area (Ha)	
a-1 CIVILWORKS	1,365,000.00	b. Restored Area (Ha)	
b. FORCE ACCCOUNT WORKS		c. Repair Works (specific for rehab)	
b-1 Civil Works	50,000.00	c.1 Earth Canal (km)	
b-2 IDP	30,000.00	c.2 Lined canal (km)	
b-3 Construction Survey	10,000.00	c.3 Structures(units)	
c. FSSM	45,000.00	c.4 Coconet Slope Prot.(sqm)	
TOTAL	1,500,000.00	c.5 Concrete Service Roads(km)	
		c.6 Earth/gravel Roads (km)	
		c.7 Rehab area, Ha (attribution)	
<b>2. Starting Date:</b>	: January 2019		
<b>3. No. of days to Complete</b>	: 60 Calendar Days		

**III. BREAKDOWN OF CURRENT YEAR PROGRAM**

	Field Office	Central Office	Total
<b>A. DIRECT COST</b>			
<b>I. CONTRACT WORKS</b>			
1. CIVIL WORKS	1,365,000.00		1,365,000.00
<b>II. FORCE ACCOUNT WORKS</b>			
1. CIVIL WORKS	50,000.00		50,000.00
2. INSTITUTIONAL DEV'T PROGRAM	30,000.00		30,000.00
3. CONSTRUCTION SURVEY	10,000.00		10,000.00
<b>III. FIELD SUPPORT, SUPERVISION &amp; MONITORING</b>	45,000.00		45,000.00
<b>IV. PROCUREMENT OF EQUIPMENT &amp; VEHICLES (for FAP'S)</b>			
<b>V. RIGHT OF WAY ACQUISITION/ DAMAGES</b>			
<b>VI. CONSULTING SERVICES</b>			
<b>VII. TAXES (For selected FAPs)</b>			
<b>VIII. CONTINGENCIES</b>			
<b>TOTAL DIRECT COST</b>	1,500,000.00		1,500,000.00
<b>IV. SOURCES OF FUNDS</b>			
<b>A. CAPITAL OUTLAY</b>			
1. GOP			
2. LOAN PROCESS			

PREPARED BY:	 <b>LOUIE JAY P. SAN JUAN</b> Engineering Assistant A
CHECKED BY:	 <b>ARMANDO L. FLORES</b> Sr. Engineer A
APPROVED BY:	 <b>CHARLIE D. IBARROLA</b> Division Manager A
NOTED BY:	 <b>ROMEO M. LOPEZ</b> Acting Regional Irrigation Manager CDR-8 RMA-8 G4
NOTED BY:	 <b>DELSY J. REVILLAME</b> Acting Manager Operation Department

**SUMMARY OF ACTIVITIES**

**PROCUREMENT & DELIVERY OF 13 (THIRTEEN) UNITS 4" Ø CENTRIFUGAL PUMP 7HP (DIESEL ENGINE DRIVEN) W/ COMPLETE ACCESSORIES**

EGPIP CY 2019  
Baras, Rizal

ACTIVITY	DISTANCE (including Manual Hauling)  (km)	LOCATION	PARTICULAR ITEMS OF WORK
			4" Ø CENTRIFUGAL PUMP - 7 Horse Power (Diesel Engine Driven)  (unit)
<b>I. CONTRACT WORKS</b>			
<b>1. PROCUREMENT</b>			
<b>TANAY PIP</b>			
a. 4" Ø CENTRIFUGAL PUMP - 7 Horse Power (Diesel Engine Driven) w/ Complete Accessories	50.11	Baras, Rizal	13.00
<b>II. FORCE ACCOUNT WORKS</b>			
<b>1. DELIVERY OF 4" Ø CENTRIFUGAL PUMP 7HP / COMPLETE ACCESSORIES</b>			
<b>TOTAL</b>	<b>50.11</b>		13.00

Prepared by:

  
**LOUIE JAY F. SAN JUAN**  
 Engineering Assistant A

CHECKED BY:

  
**ARMANDO L. FLORES**  
 Sr. Engineer A

APPROVED BY:

  
**CHARLIE D. IBARROLA**  
 Division Manager A

DETAILED BREAKDOWN

PROCUREMENT & DELIVERY OF 13 (THIRTEEN) UNITS 4" Ø CENTRIFUGAL PUMP 7HP (DIESEL ENGINE DRIVEN) W/  
COMPLETE ACCESSORIES

EGPIP CY 2019  
Baras, Rizal

ATTACHMENT "D"

ACTIVITY	unit	WORK TO BE DONE		
		Quantity	Unit Cost	Estimated Cost
<b>A. DIRECT COST</b>				
<b>I. CONTRACT WORKS</b>				
<b>1. PROCUREMENT OF WATER SURFACE PUMP</b>				
<b>BARAS PIP</b>				
a. 4" Ø CENTRIFUGAL PUMP - 7 Horse Power (Diesel Engine Driven) w/ Complete Accessories	units	13.00	105,000.00	1,365,000.00
<b>Total CONTRACT WORKS</b>				<b>1,365,000.00</b>
<b>II. FORCE ACCOUNT WORKS</b>				
1. CIVIL WORKS (Delivery of Water Surface Pump w/ Complete Accessories)	unit	13.00	3,846.154	50,000.00
2. INSTITUTIONAL DEVELOPMENT PROGRAM	L.S.	1.00	30,000.00	30,000.00
3. CONSTRUCTION SURVEY	L.S.	1.00	10,000.00	10,000.00
<b>Total FORCE ACCOUNT WORKS</b>				<b>90,000.00</b>
<b>III. FIELD SUPPORT, SUPERVISION &amp; MONITORING</b>				
	L.S.	1.00	45,000.00	45,000.00
<b>Total FSSM</b>				<b>45,000.00</b>
<b>TOTAL DIRECT COST</b>				<b>1,500,000.00</b>