



**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.	: 03
PROJECT TITLE	: EGPIP CY 2019	Date	: 12-Dec-18
NAME OF SYSTEM / PROJECT	: PILILLA 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	<u>IV-A</u>	a. GOP	<u>1,500,000.00</u>
b. Province	<u>Rizal</u>	b. Loan proceeds	<u>                    </u>
City / Municipality	<u>Pililla</u>	c. Others (Equity, etc.)	<u>                    </u>
District	<u>II</u>	<b>TOTAL</b>	<u>1,500,000.00</u>
<b>2. Service Area /</b>		<b>7. Physical Target (Overall)</b>	
Designed area (ha.)	<u>48.51</u> (NEW)	a. New Area (Ha)	<u>48.51</u>
<b>3. Source of Water</b>		b. Restored Area (Ha)	<u>                    </u>
3.a Drainage Area	<u>                    </u>	c. Repair Works (specific for rehab)	
3.b Dependable Flow	<u>LAGUNA LAKE / CREEK</u>	c.1 Earth Canal (km)	<u>                    </u>
<b>4. Type of Irrigation</b>		c.2 Lined canal (km)	<u>                    </u>
		c.3 Structures(units)	<u>                    </u>
		c.4 Coconet Slope Prot.(sqm)	<u>                    </u>
		c.5 Concrete Service Roads(km)	<u>                    </u>
		c.6 Earth/gravel Roads (km)	<u>                    </u>
		c.7 Rehab area, Ha (attribution)	<u>                    </u>
		<b>8. Overall Implementation Schedule</b>	
		a. Physical Starting Date	<u>January 2019</u>
		b. Completion Date	<u>February 2019</u>

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

**III. BREAKDOWN OF CURRENT YEAR PROGRAM**

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

PREPARED BY:	 <b>LOUIE JAN P. SAN JUAN</b> Engineering Assistant A
CHECKED BY:	 <b>ARMANDOS L. FLORES</b> Sr. Engineer A
APPROVED BY:	 <b>CHARMED IBARROLA</b> Division Manager A
NOTED BY:	 <b>ROMEO M. LOPEZ</b> Acting Regional Irrigation Manager CDR  RMA  GCH
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  
Pililla, 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>PILILLA PIP</b>			
a. 4" Ø CENTRIFUGAL PUMP - 7 Horse Power (Diesel Engine Driven) w/ Complete Accessories	47.76	Pililla, Rizal	13.00
<b>II. FORCE ACCOUNT WORKS</b>			
<b>1. DELIVERY OF 4" Ø CENTRIFUGAL PUMP 7HP / COMPLETE ACCESSORIES</b>			13.00
<b>TOTAL</b>	<b>47.76</b>		

Prepared by:

  
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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  
Pililla, 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>PILILLA 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>