



SUMMARY OF CY 2019 PROGRAM OF WORK (POW)

REGION / PMO	:	RRECIS CY2019	Program No. :	
PROJECT TITLE	:	LABANGAN COMMUNAL IRRIGATION SYSTEM	Date :	August 28, 2018
NAME OF SYSTEM / PROJECT	:			
SYSTEMS CATEGORY (NIS/CIS, NIP/SIP)	:	CIS		
PROJECT DESCRIPTION	:	PROPOSED CONCRETE CANAL LINING		

I. GENERAL INFORMATION

1. Project Location		6. Overall Project Cost (P)	Original	Revised
a. Region	IV - A	a. GOP	3,000,000.00	
b. Province / City / Municipality / District	RIZAL MORONG, RIZAL II	b. Loan Proceeds		
2. Service area / Designed area (Ha.)	18.00	c. Others (equity, etc.)		
3. Source of Water		TOTAL	3,000,000.00	
3.a Drainage Area		7. Physical Target (Overall)		
3.b Dependable Flow	River / Dam	a. New Area (Ha.)		
4. Type of Irrigation (Pls check the type of irrigation)		b. Restored Area (ha.)		
5. PT of Diversion		c. Repair Works : (specific for rehab.)		
Latitude		c.1 Earth Canal (km.)		
Longitude		c.2 Lined Canal (km.)	1.13	
a. Run off the River		c.3 Structures (units)		
b. Reservoir	X	c.4 Coconet Slope Protection (Sqm.)		
c. Ground Water Pump		c.5 Concrete Service Roads (km.)		
d. Others		c.6 Earth/gravel Roads (km.)		
		c.7 Other repair works: (Pls. Specify)		
		c.8 Rehab. Area. Ha. (Attribution)	10	
		d. Other Activities: (Pls. specify)	Plastering (km)	0.20
		8. Overall Implementation Schedule		
		a. Physical Starting Date	Original January, 2019	Revised
		b. Completion Date	April, 2019	

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

1. Performance Weight		4. Physical Target (Overall)		
a. Contract Works	94.58%	a. New Area (Ha.)		
b. Force Account Works		b. Restored Area (ha.)		
b.1 IDP	2.00%	c. Repair Works : (specific for rehab.)		
b.2 Construction Survey	0.42%	c.1 Earth Canal (km.)		
c. Others	3.0%	c.2 Lined Canal (km.)	1.13	
TOTAL	100.00%	c.3 Structures (units)		
2. Starting Date:	January, 2019	c.4 Coconet Slope Protection (Sqm.)		
3. No. of days to Complete:	120 days	c.5 Concrete Service Roads (km.)		
		c.6 Earth/gravel Roads (km.)		
		c.7 Other repair works: (Pls. Specify)		
		c.8 Rehab. Area. Ha. (Attribution)		
		d. Other Activities: (Pls. specify)	Plastering (km)	0.20

III. BREAKDOWN OF CURRENT YEAR PROGRAM

	Field Office	Central Office	Total	Prepared by:
DIRECT COST				
1. CIVIL WORKS				 SOJIE M. GOMEZ Engineer A
a. Contract Works	2,837,303.55		2,837,303.55	
b. Force Account Works			-	
2. INSTITUTIONAL DEVT. PROGRAM	60,000.00		60,000.00	Checked/Reviewed by:
3. CONSTRUCTION SURVEY	12,696.45		12,696.45	 ARMANDO L. FLORES Engineer A
4. PARCELLARY MAPPING/SURVEY			-	
5. RIGHT OF WAY ACQUISITION, PLANT/ PROPERTY DAMAGES			-	
6. PROCUREMENT OF EQUIPMENT & VEHICLES			-	Approved by:
7. FIELD SUPPORT, SUPERVISION & MONITORING	90,000.00		90,000.00	 NICASIO C. PAGDANGANAN, JR. Division Manager
8. CONSULTING SERVICES			-	
9. TAXES (For selected FAPs)			-	Noted by:
10. CONTIGENCIES			-	 ROMEO M. LOPEZ Acting Regional Irrigation Manager
TOTAL DIRECT COST	3,000,000.00	-	3,000,000.00	CPR - f. RMD J. G. M. J.
say			3,000,000.00	

IV. SOURCE OF FUNDS

A. CAPITAL OUTLAY			
1. GOP			
2. LOAN PROCEEDS			

DETAILED BREAKDOWN (PROJECT COST)
 PROPOSED CONCRETE CANAL LINING
 Under - RRECIS CY 2019
 Morong, Rizal

ATTACHMENT "D"

ACTIVITY	Unit	WORK TO BE DONE									
		Quantity	Estimated Direct Cost		Indirect Cost				TOTAL		
			Unit Cost	Total EDC	OCM	Profit	Vat	Total	Unit Cost	Project Cost	
A. DIRECT COST											
I. CIVIL WORKS											
Proposed Concrete Lining											
a. Plastering	sq.m	161.60	155.00	25,048.00	23.25	15.50	9.69	48.44	203.44	32,875.90	
b. Class "A" Concrete - Flooring	cu.m	5.16	11,051.24	57,024.40	1,657.69	1,105.12	690.70	3,453.51	14,504.75	74,844.51	
c. Class "A" Concrete - Side Wall & TB	cu.m	7.63	11,940.57	91,106.55	1,791.09	1,194.06	746.29	3,731.44	15,672.01	119,577.44	
d. Class "B" Concrete - Flooring	cu.m	78.17	8,643.54	675,665.52	1,296.53	864.35	540.22	2,701.10	11,344.64	886,810.51	
e. Class "B" Concrete - Side Wall & TB	cu.m	116.25	10,893.49	1,266,368.21	1,634.02	1,089.35	680.84	3,404.21	14,297.70	1,662,107.63	
f. Manual Excavation	cu.m	69.25	137.60	9,528.80	20.64	13.76	8.60	43.00	180.60	12,506.55	
g. Manual Backfill w/ Compaction	cu.m	201.74	183.47	37,013.24	27.52	18.35	11.47	57.34	240.81	48,581.01	
Total CONTRACT WORKS				2,161,754.72				2,837,303.55			
II. FORCE ACCOUNT WORKS											
1. Civil Works (Breakdown of Activities)											
2. Institutional Development Program	L.S.	1.00	60,000.00	60,000.00					60,000.00	60,000.00	
3. Construction Survey (with support doc.)	L.S.	1.00	12,696.45	12,696.45					12,696.45	12,696.45	
Parcelly Survey (with support doc.)											
Total FORCE ACCOUNT WORKS				72,696.45				72,696.45			
III. RIGHT OF WAY ACQUISITION/DAMAGES											
1. Land Acquisition											
2. Plant Damages											
3. Property Damages											
IV. PROCUREMENT OF EQUIPMENT & VEHICLES											
V. FIELD SUPPORT, SUPERVISION & MONITORING											
	L.S.	1.00	90,000.00	90,000.00					90,000.00	90,000.00	
VI. CONSULTING SERVICES											
VII. TAXES											
VII. TAXES											
VIII. CONTINGENCIES											
1. Physical Contingency											
2. Financial Contingency											
TOTAL DIRECT COST				2,324,451.17				3,000,000.00			

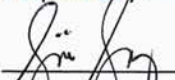
MASTERLIST OF ITEM OF WORKS

for LABANGAN CIS - Morong, Rizal
under RRECIS CY 2019

PROPOSED CONCRETE CANAL LINING

Description	Station		Length (m)	Location	Particular Item of Works						
	From	To			Class "A" Concrete		Plastering	Class "B" Concrete		Manual Excavation	Manual Backfill w/ Compaction
					Flooring	Side Wall & TB		Flooring	Side Wall & TB		
					(cu.m.)	(cu.m.)		(sq.m)	(cu.m.)		
1. Proposed Concrete Lining	0+585.00	0+615.00	30.00	MC				2.50	4.11	8.45	-
2. Proposed Concrete Lining	0+000.00	0+010.00	10.00	DSFD #1 -MC	0.76	1.14				0.63	1.75
3. Proposed Concrete Lining	0+010.00	0+050.00	40.00	DSFD #1 -MC				2.91	4.32	3.60	11.44
4. Proposed Concrete Lining	0+050.00	0+105.00	55.00	DSFD #1 -MC				4.00	5.98	4.05	6.05
5. Proposed Concrete Lining	0+000.00	0+030.00	30.00	DSFD #2 -MC				2.25	3.45	-	6.33
6. Proposed Concrete Lining	0+030.00	0+232.00	202.00	DSFD #2 -MC	(PLASTERING)		161.60				
7. Proposed Concrete Lining	0+232.00	0+380.00	148.00	DSFD #2 -MC				10.77	16.03	4.68	39.67
8. Proposed Concrete Lining	0+380.00	0+455.00	75.00	DSFD #2 -MC				5.46	8.10	4.65	6.27
9. Proposed Concrete Lining	0+455.00	0+605.00	150.00	DSFD #2 -MC				10.92	16.23	11.93	27.37
10. Proposed Concrete Lining	0+000.00	0+020.00	20.00	DSFD#3 - MC	1.49	2.17				-	4.73
Proposed Concrete Lining	0+020.00	0+060.00	40.00	DSFD#3 - MC	2.91	4.32				-	11.00
12. Proposed Concrete Lining	0+060.00	0+100.00	40.00	DSFD#3 - MC				2.91	4.32	3.10	11.00
13. Proposed Concrete Lining	0+100.00	0+146.00	46.00	DSFD#3 - MC				3.35	5.01	7.47	10.10
14. Proposed Concrete Lining	0+010.60	0+068.00	57.40	DSFD#4 - MC				4.16	6.24	3.84	2.02
15. Proposed Concrete Lining	0+068.00	0+200.00	132.00	DSFD#4 - MC				9.61	14.24	3.60	46.13
16. Proposed Concrete Lining	0+200.00	0+265.00	65.00	DSFD#4 - MC				5.10	7.05	3.05	3.05
17. Proposed Concrete Lining	0+004.00	0+040.00	36.00	DSFD#5 - MC				2.60	3.94	1.20	1.85
18. Proposed Concrete Lining	0+040.00	0+140.00	100.00	DSFD#5 - MC				7.28	10.79	4.20	12.98
19. Proposed Concrete Lining	0+140.00	0+201.20	61.20	DSFD#5 - MC				4.46	6.54	4.80	-
Proposed Concrete Lining			1,337.60		5.16	7.63	161.60	78.28	116.40	69.25	201.74

Prepared by:


Scjie M. Gomez
Engineer A