



Republika ng Pilipinas
National Irrigation Administration
 (PAMBANSANG PANGASIWAAN NG PATUBIG)
 Lungsod ng Quezon

Annex "B"

SUMMARY OF CY 2017 PROGRAM OF WORK (POW)

Attachment "A"

REGION/PMO	: Region IV-A / Quezon IMO	Program No. :	1
PROJECT TITLE	: RRRECIS	Date:	October 2018
NAME OF SYSTEM/PROJECT	: TUMBAGA CIS		
SYSTEM CATEGORY (NIS/CIS,NIP/SIP)	: CIS		
PROJECT DESCRIPTION	: Constrution of Diversion Works, Canal Structures and Canal Lining		

I GENERAL INFORMATION			
1. Project Location		6. Overall Project Cost (P)	
a. Region	IV- A	a. GOP	Original
b. Province/ City / Municipality District	Sariaya Quezon II	b. Loan Proceeds	Revised
2. Service area/ Designed area (Ha.)	221 has.	c. Others (Equity, etc.)	
3. Source of Water	Sadyaya River	TOTAL	
3. a. Drainage Area		7. Physical Target (Overall)	
3. b. Dependable Flow		a. New Area (Ha.)	
4. Type of Irrigation		b. Restored Area (Ha.)	
a. Run off the River		c. Repair works (Ha.) (specific for rehab.)	221 has.
b. Reservoir		d. Other Activities: (pls. specify)	GROUTED LINING 0.75 KM
c. Ground Water Pump		8. Overall Implementation Schedule	
d. Others (surface pump)		a. Physical Starting Date	Original
		b. Completion Date	Revised
			February 2019
			August 2019

II WORK TO BE DONE (OVERALL Program)			
1. Performance Weight		4. Physical Target	
a. Contract Works (Civil Works)	94.49%	a. New Area (Ha.)	
b. Force Account Works	0.00%	b. Restored Area (Ha.)	
c. Others	5.51%	c. Repair works (specific for rehab.)	221 has.
TOTAL	100%	d. Other Activities: (Pls. specify)	
2. Starting Date:	upon release of fund		
3. No. of days to Complete	210 days		

III BREAKDOWN OF CURRENT YEAR PROGRAM				Prepared by:
DIRECT COST	Field Office	Central Office	Total	 ELENA S. VILLENA Engineer A
1. CIVIL WORKS				Checked by:
a. Contract Works	12,166,417.02		12,166,417.02	 REYNALDO M. CRISOSTOMO Sr. Engineer A
b. Force Account Works	-		-	Approved by:
2. INSTITUTIONAL DEV'T PROGRAM	193,140.00		193,140.00	 FIDEL P. MARTINEZ Division Manager A
3. CONSTRUCTION SURVEY	130,162.98		130,162.98	Noted by:
4. PARCELLARY MAPPING/ SURVEY	-		-	 ROMEO M. LOPEZ Acting Regional Manager RMA
5. RIGHT OF WAY ACQUISITION PLANT/PROPERTY DAMAGES				GLH
6. PROCUREMENT OF EQUIPMENT & VEHICLES				DR. J. EML
7. FIELD SUPPORT, SUPERVISION & MONITORING	386,280.00		386,280.00	
8. CONSULTING SERVICES				
9. TAXES (For selected FAPs)				
10. CONTINGENCIES				
TOTAL DIRECT COST			12,876,000.00	

IV. SOURCES OF FUNDS			
A. CAPITAL OUTLAY			
1. GOP			
2. Loan Proceeds			

MASTER OF ITEM OF WORKS

Tumbaga CIS, Sariaya Quezon

CY2019

FUND SOURCE: RRECIS

PARTICULAR ITEM OF WORKS										
ITEM OF WORKS	NAME OF CANAL	STATION		LENGTH	GROUTED RIPRAP	FILTER DRAIN	DEWATERING	STRUCTURE EXCAVATION	STRUCTURE BACKFILL	
		FROM	TO	L.M	cu.m	cu.m	cu.m	cu.m	cu.m	
I. CANAL STRUCTURES										
1	Prop. Grouted Canal Lining	MC	0+098.00	0+183.00	85.00	319.60	30.60	102.00	310.00	51.00
2	Prop. Grouted Canal Lining	MC	0+195.00	0+260.00	65.00	244.40	23.40	78.00	268.00	39.00
3	Prop. Grouted Canal Lining	MC	0+260.00	0+360.00	100.00	392.00	36.00	120.00	339.00	60.00
4	Prop. Grouted Canal Lining	MC	0+360.00	0+560.00	200.00	784.00	72.00	240.00	933.00	120.00
TOTAL					4350.00	1740.00	162.00	540.00	1850.00	270.00

**PROJECT COST AND QUANTITIES DETAILED BREAKDOWN
CURRENT YEAR 2019 / OVERALL PROGRAM OF WORK
Tumbaga CIS / Sariaya, Quezon**

Attachment D

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	ESTIMATED DIRECT COST		INDIRECT COST				TOTAL	
				UNIT COST	TOTAL EDC	OCM	PROFIT	VAT	TOTAL	UNIT COST	PROJECT COST
A.	Direct Cost										
	1. Civil Works										
	1. Contract works										
	1. Canal Structures										
	1 Grouted Riprap	cu. m.	1740.00	5,009.87	8,717,173.80	601.18	400.79	300.59	1,302.56	6,312.43	10,983,628.20
	2 Filter Drain	cu. m.	162.00	3,191.40	517,006.80	382.97	255.31	191.48	829.76	4,021.16	651,427.92
	3 Dewatering	cu. m.	540.00	93.20	50,328.00	11.18	7.46	5.59	24.23	117.43	63,412.20
	4 Structure Excavation (Man)	cu. m.	1850.00	184.00	340,400.00	22.08	14.72	11.04	47.84	231.84	428,904.00
	5 Structure Backfill (Man.)	cu. m.	270.00	114.77	30,987.90	13.77	9.18	6.89	29.84	144.61	39,044.70
	sub-total				9,655,896.50						12,166,417.02
	TOTAL CIVIL WORKS				9,655,896.50						12,166,417.02
	2. Institutional Development Program	l.s.	1.00	193,140.00	193,140.00					193,140.00	193,140.00
	TOTAL				193,140.00						193,140.00
	3. Construction Survey	l.s.	1.00	130,162.98	130,162.98					130,162.98	130,162.98
	TOTAL				130,162.98						130,162.98
	4. Parcellary Survey										
	TOTAL										
	5. Field Support, Supervision & Monitoring	l.s.	1.00	386,280.00	386,280.00					386,280.00	386,280.00
	TOTAL				386,280.00						386,280.00
B.	INDIRECT COST										
	Contingency										
	TOTAL										
	GRAND TOTAL				10,365,479.48						12,876,000.00