



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

Annex "B"

SUMMARY OF CY 2019 PROGRAM OF WORK (POW)

Attachment "A"

| | | | |
|-----------------------------------|--|---------------|--------|
| REGION/PMO | : Region IV-A / Quezon IMO | Program No. : | 1 |
| PROJECT TITLE : | : CIS | Date: | Oct-18 |
| NAME OF SYSTEM/PROJECT | : ANIBAWAN CIS | | |
| SYSTEM CATEGORY (NIS/CIS,NIP/SIP) | : CIS | | |
| PROJECT DESCRIPTION | : Construction of Diversion Works, Pump 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/ | Burdeos | b. Loan Proceeds | Revised |
| City / Municipality | Quezon | c. Others (Equity, etc.) | |
| District | I | TOTAL | |
| 2. Service area/ | 40 has. | 7. Physical Target (Overall) | |
| Designed area (Ha.) | 40 has. | a. New Area (Ha.) | |
| 3. Source of Water | Anibawan River | b. Restored Area (Ha.) | 40 has. ✓ |
| 3. a. Drainage Area | | c. Repair works (Ha.): (specific for rehab.) | |
| 3. b. Dependable Flow | | d. Other Activities: (pls. specify) | |
| 4. Type of Irrigation | | 8. Overall Implementation Schedule | Original |
| a. Run off the River | Latitude | a. Physical Starting Date | Revised |
| b. Reservoir | Longitude | b. Completion Date | |
| c. Ground Water Pump | 14-54-12.34 | | Feb-19 |
| d. Others (surface pump) | 121-56-27.19 | | May-19 |

| II WORK TO BE DONE (OVERALL Program) | | | |
|--------------------------------------|----------------------|---------------------------------------|--------|
| 1. Performance Weight | | 4. Physical Target | |
| a. Contract Works (Civil Works) | 95.15% | a. New Area (Ha.) | |
| b. Force Account Works | 0.00% | b. Restored Area (Ha.) | 40 has |
| c. Others | 4.85% | c. Repair works (specific for rehab.) | |
| TOTAL | 100% | d. Other Activities: (Pls. specify) | |
| 2. Starting Date: | upon release of fund | | |
| 3. No. of days to Complete | 120 days | | |

| III BREAKDOWN OF CURRENT YEAR PROGRAM | | | |
|---|--------------|----------------|---------------------|
| | Field Office | Central Office | Total |
| DIRECT COST | | | |
| I. CIVIL WORKS | | | |
| a. Contract Works | 3,165,741.45 | | 3,165,741.45 |
| b. Force Account Works | | | |
| 2. INSTITUTIONAL DEV'T PROGRAM | 49,905.00 | | 49,905.00 |
| 3. CONSTRUCTION SURVEY | 11,543.55 | | 11,543.55 |
| 4. PARCELLARY MAPPING/ SURVEY | | | |
| 5. RIGHT OF WAY ACQUISITION PLANT/PROPERTY DAMAGES | | | |
| 6. PROCUREMENT OF EQUIPMENT & VEHICLES | | | |
| 7. FIELD SUPPORT, SUPERVISION & MONITORING | 99,810.00 | | 99,810.00 |
| 8. CONSULTING SERVICES | | | |
| 9. TAXES (For selected FAPs) | | | |
| 10. CONTINGENCIES | | | |
| TOTAL DIRECT COST | | | 3,327,000.00 |

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

Prepared by:

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Engineer A

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REYNALDO M. CRIBOSTOMO
Sr. Engineer A

Approved by:

FIDEL P. MARTINEZ
Division Manager A

Noted by:

GLORIOSA L. HERNANDEZ
ROMEO M. JOPEZ
Acting Regional Manager
CDR- R. DRG

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**PROJECT COST AND QUANTITIES DETAILED BREAKDOWN
CURRENT YEAR 2019 / OVERALL PROGRAM OF WORK
ANIBAWAN CIS / Burdeos, 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 | | | | | | | | | | |
| | I. DIVERSION WORKS | | | | | | | | | | |
| | 1 Grouted Riprap | cu. m. | 100.48 | 8,055.25 | 809,391.52 | 1,208.29 | 805.53 | 503.45 | 2,517.27 | 10,572.52 | 1,062,326.81 |
| | 2 Cofferdamming | cu. m. | 57.60 | 239.00 | 13,766.40 | 35.85 | 23.90 | 14.94 | 74.69 | 313.69 | 18,068.54 |
| | 3 Cost of Dewatering | cu. m. | 210.00 | 93.20 | 19,572.00 | 13.98 | 9.32 | 5.83 | 29.13 | 122.33 | 25,689.30 |
| | 4 Str. Excavation (Man) | cu. m. | 38.40 | 163.50 | 6,278.40 | 24.53 | 16.35 | 10.22 | 51.10 | 214.60 | 8,240.64 |
| | 5 Str. Backfill (Man) | cu. m. | 33.12 | 174.40 | 5,776.13 | 26.16 | 17.44 | 10.90 | 54.50 | 228.90 | 7,581.17 |
| | <i>sub-total</i> | | | | 854,784.45 | | | | | | 1,121,906.46 |
| | II. CIVIL WORKS | | | | | | | | | | |
| | 1 Class "A" Concrete (Ordinary) | cu. m. | 93.09 | 14,998.40 | 1,396,201.06 | 2,249.76 | 1,499.84 | 937.40 | 4,687.00 | 19,685.40 | 1,832,513.89 |
| | 2 Str. Excavation (Man) | cu. m. | 557.00 | 163.50 | 91,069.50 | 24.53 | 16.35 | 10.22 | 51.10 | 214.60 | 119,532.20 |
| | 3 Str. Backfill (Man) | cu. m. | 401.00 | 174.40 | 69,934.40 | 26.16 | 17.44 | 10.90 | 54.50 | 228.90 | 91,788.90 |
| | | | | | 1,557,204.96 | | | | | | 2,043,834.99 |
| | TOTAL FOR CIVIL WORKS | | | | 2,411,989.41 | | | | | | 3,165,741.45 |
| | 2. Institutional Development Program | l.s. | 1.00 | 49,905.00 | 49,905.00 | | | | | 49,905.00 | 49,905.00 |
| | TOTAL | | | | | | | | | | 49,905.00 |
| | 3. Construction Survey | l.s. | 1.00 | 11,543.55 | 11,543.55 | | | | | 11,543.55 | 11,543.55 |
| | TOTAL | | | | | | | | | | 11,543.55 |
| | 4. Parcellary Survey | | | | | | | | | | |
| | TOTAL | | | | | | | | | | |
| | 5. Field Support, Supervision & Monitoring | l.s. | 1.00 | 99,810.00 | 99,810.00 | | | | | 99,810.00 | 99,810.00 |
| | TOTAL | | | | | | | | | | 99,810.00 |
| B. | INDIRECT COST | | | | | | | | | | |
| | Contingency | | | | | | | | | | |
| | TOTAL | | | | | | | | | | |
| | GRAND TOTAL | | | | 2,573,247.96 | | | | | | 3,327,000.00 |

**MASTERLIST OF ITEMS OF WORK
ANIBAWAN CIS
Burdeos, Quezon**

FUND SOURCE : RRECIS CY 2019

| PARTICULAR ITEM OF WORKS | | | | | | | | |
|---------------------------|---------------|----------|----|----------------|---------------|--------------------|-----------------------|---------------------|
| NAME OF STRUCTURES | NAME OF CANAL | STATION | | Grouted Riprap | Cofferdamming | Cost of Dewatering | Str. Excavation (Man) | Str. Backfill (Man) |
| | | FROM | TO | cu.m | cu.m | cu.m | cu.m | cu.m |
| I. Diversion Works | | | | | | | | |
| Prop. Protection Works | Lateral B | 0+385.12 | | 47.40 | 28.80 | 105.00 | 17.40 | 15.84 |
| Prop. Protection Works | MC | 0+512.54 | | 53.08 | 28.80 | 105.00 | 21.00 | 17.28 |
| TOTAL | | | | 100.48 | 57.60 | 210.00 | 38.40 | 33.12 |

| PARTICULAR ITEM OF WORKS | | | | | | | |
|-----------------------------|---------------|----------|----------|-----------------|-------------------------------|-----------------------|---------------------|
| NAME OF STRUCTURES | NAME OF CANAL | STATION | | Length of Canal | Class "A" Concrete (Ordinary) | Str. Excavation (Man) | Str. Backfill (Man) |
| | | FROM | TO | | | | |
| II. Canal Structures | | | | | | | |
| Cut and Cover | MC | 0+220.00 | 0+400.00 | 180.00 | 93.09 | 557.00 | 401.00 |
| TOTAL | | | | 180.00 | 93.09 | 557.00 | 401.00 |