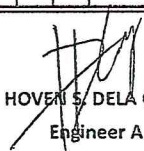
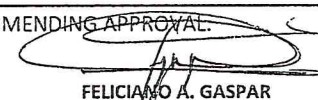
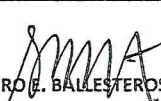



**PROGRAM OF WORK
DETAILED ENGINEERING
CY 2018**

I. GENERAL INFORMATION			
<p>1. Name of Project : <u>Bayating SWIP</u></p> <p>2. Location: <u>Sta. Ignacia, Tarlac</u></p> <p>3. Towns Covered: <u>Sta. Ignacia</u></p> <p>4. Area, Ha. (New) _____ (Rehab) _____</p> <p>5. Source of Water: <u>Bayating River</u></p> <p>Source of Fund: <u>FS & DE</u></p> <p>7. Description of Activity: _____</p>	<p>8. Overall Project Cost CY - Program <u>3,900,000.00</u></p> <p>9. Type of Diversion <u>Reservoir</u></p> <p>10. Implementation Schedule A. Starting date <u>March 2018</u> B. Completion <u>June 2018</u></p>		
II. WORK TO BE UNDERTAKEN BY:		Force Account	
III. EQUIPMENT REQUIREMENT			
IV. MAJOR ITEMS OF WORK			
	CODE	DURATION (work schedule and accomplishment)	TOTAL AMOUNT
		2018	
		1 2 3 4 5 6 7 8 9 10 11 12	
Detailed Engineering			
1 Detailed Survey (Dam, MC, & Structure Sites)		■	952,047.12
2 Updating of Data (Agro-eco, Hydrology)		■	281,576.68
3 Geology Confirmation (Dam site, Materials)		■	1,095,802.36
4 Detailed Design (Dam & Appurtenances)		■	172,088.94
5 Detailed Design (Irrigation Canal & Drainage Works)		■	170,359.98
6 Electro-Mechanical Works		■	84,807.19
7 Quantity & Cost Estimate		■	45,780.25
8 Preparation of Contract Documents & Specification		■	56,381.21
9 DE Report, NIA standard Drawings & Plans		■	88,184.10
10 Social and Environmental Impact Assesment (SEIA) for ECC acquisition		■	836,616.53
Sub-Total			3,783,644.35
V. BREAKDOWN OF COST			
	CODE		PREPARED BY:
A. DIRECT COST			 HOVEN S. DELA CRUZ Engineer A
By Administration			RECOMMENDING APPROVAL:  FELICIANO A. GASPAR Chief, Engineering Section
A. Field Support Supervision & Monitoring			
1. Salaries/Wages		75,113.40	
2. Traveling Expenses		36,003.05	
3. Service Vehicle (Including Fuel & Oil)		5,239.20	APPROVED BY:  LAURO E. BALLESTEROS Manager, TARZAM IMO
4. Office Supplies, Materials & Equipment			
By Contract			
1. Contract Service		3,783,644.35	NOTED BY:  JOSEPHINE B. SALAZAR Regional Irrigation Manager
Sub-Total "A"		3,900,000.00	
B. INDIRECT COST			
1 Adm. & overhead Cost (5%)			
2 Contingencies (10%)			
3 Management Fee (5%) of A & B			
TOTAL			
AMOUNT OF PROGRAM (Total A & B) say	P	3,900,000.00	VJI-C PCC-M RCM-K