


Plaridel Water District Supplemental Annual Procurement Plan No.6 for FY 2021


Date: 4/14/2021




Code (PAP)	Procurement Project	PMO/ End-User	Is this an Early Procurement Activity? (Yes/No)	Mode of Procurement	Schedule for Each Procurement Activity				Source of Funds	Estimated Budget (PHP)			Remarks (brief description of Project)
					Advertisement/Posting of IBIRE!	Submission/Opening of Bids	Notice of Award	Contract Signing		Total	MOOE	CO	
	Design & Construction of Plaridel Water District Office Building	Engineering Division	YES	Competitive Bidding	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Others	52,498,894.00		52,498,894.00	1 Board Resolution No. 30 Series of 2021
	Design & Construction of Ground Reservoir	Engineering Division	YES	Competitive Bidding	3rd Quarter	3rd Quarter	4th Quarter	4th Quarter	Others	24,062,899.00		24,062,899.00	1 Board Resolution No. 30 Series of 2021

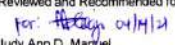

Total Budget:


76,561,793.00

Prepared by:

 Roderita S. Surio
 BAC Secretariat

Checked & Verified by:

 Marifaye H. Ersando
 BAC Chairperson

 Albert G. Ramos
 BAC Vice Chairperson

 Charles A. Felicitas
 BAC Member

 Rommel Andrew Rivero
 BAC Member

 Deanna G. Mariano
 BAC Member

Reviewed and Recommended for Approval by:
 For:  04/14/21
 Judy Ann D. Mantel
 Corporate Budget Officer C

 Engr. Marlon P. Soriano
 Interim General Manager

Approved by:

 Nathanael Andres S. Bernabe Jr.
 Head of Procuring Entity



PLARIDEL WATER DISTRICT

SUPPLEMENTAL PROJECT PROCUREMENT MANAGEMENT PLAN (PPMP) 2021

END-USER/UNIT: **Engineering Division**

Charged to Other Funds (ADB-LWUA LOAN)
Projects, Programs and Activities (PAPs)

March 2, 2021

ITEM	GENERAL DESCRIPTION	QUANTITY / SIZE	ESTIMATED BUDGET	Mode of Procurement	SCHEDULE/MILESTONE OF ACTIVITIES 2020											
					Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec
I. ENGINEERING BASIC COST ITEMS																
1.	Design & Construction of Plaridel Water District Office Building	2,286 sq. meter	52,498,194.03	Public Bidding			√	√	√	√	√	√	√	√	√	√
3.	Design & Construction of Ground Reservoir	1,000 cu. ft. 2,660 sq. m.	24,062,199.03	Public Bidding								√	√	√	√	√

TOTAL BUDGET: 76,561,793.00

- NOTE:
1. Technical Specifications for each Item/Project being proposed shall be submitted as part of the PPMP.
 2. With Board Resolution No. __20__ Series of 2021
 3. 7% of ABC will be Funded by PLAWD corporate funds.

Prepared by:

 Engr. Charles A. Felicitas
 Senior Engineer A

Reviewed by:

 Engr. Reynante DC. Francisco
 Manager - Engineering Division

Approved by:

 Engr. Marlon Soriano
 Interim General Manager



**RESOLUTION NO. 30
Series of 2021**

**COMPETITIVE BIDDING FOR THE PROCUREMENT OF THE
"DESIGN AND CONSTRUCTION OF
PLARIDEL WATER DISTRICT (PLAWD) OFFICE BUILDING"**

WHEREAS, as per Resolution No. 12 series of 2020, the Board approved the Supplemental Budget for the Asian Development Bank – Local Water Utilities Administration – Water District Development Sector Project (ADB-LWUA-WDDSP);

WHEREAS, as per Resolution No. 20 series 2021, the Board requested LWUA for the approval of the third revision of ADB-LWUA-WDDSP's approved Program of Work (POW);

WHEREAS, LWUA approved the Revised March 2021 POW which includes the budget for the construction of Plaridel Water District (PLAWD) Office Building amounting to Php 50,969,800.00 with Detailed Engineering Design (3% of Construction Cost) amounting to Php 1,529,094.00, as shown being in **Annex A: Program of Work (POW) Revised March 2021**;

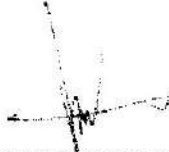
WHEREAS, the new Approved Budget for the Contract (ABC) for the **"Design and Construction PLAWD Office Building"** is **Php 52,498,894.00**, as being shown in **Annex B: Supplemental Annual Procurement Plan No. 4 for FY 2021**;

NOW, THEREFORE, BE IT RESOLVED, as it is **HEREBY RESOLVED**, do hereby approve the procurement of the **"Design and Construction of Plaridel Water District (PLAWD) Office Building"** through competitive bidding with Approved Budget for the Contract (ABC) amounting to **Php 52,498,894.00**;

RESOLVED FINALLY, to approve PLAWD Office Building's Concept Design and bidding documents prescribed by the Asian Development Bank (ADB) for the procurement of the **"Design and Construction of PLAWD Office Building."**

Handwritten signature and notes on the right margin.


APPROVED this 25th day of March 2021.



NATHANAEL ANDRES S. BERNABE, JR.
Chairperson



ENGR. RAINIER P. PATAWI
Vice-Chairperson



ATTY. REYNALDO F. PARIS
Secretary



NANCY C. DELA CRUZ
Director



AMIRA DE LEON ARROYO
Director

**PROGRAM OF WORK
PLARIDEL WATER DISTRICT
PLARIDEL, BULACAN
FEBRUARY 2020
(REVISED MARCH 2021)**

Cost Reference: 2018 LWUA In-Place Costs	ORIGINAL POW		REVISED POW	
	FEBRUARY 2020		MARCH 2021	
I. ENGINEERING BASIC COST ITEMS				
A. POWER GENERATING SET	Php	2,526,714.00	Php	2,526,714.00
B. STORAGE FACILITIES WITH BOOSTER		46,724,076.00		46,724,076.00
C. TRANSMISSION/DISTRIBUTION LINES		189,810,148.00		189,810,148.00
D. BULACAN BULK WATER SUPPLY INTERCONNECTION *		10,000,000.00		-
E. OFFICE BUILDING/MOTORPOD./WAREHOUSE		40,969,800.00		50,969,800.00
F. DETAILED ENGINEERING DESIGN		8,700,922.00		8,700,922.00
SUB-TOTAL I, ST-I	Php	298,731,660.00	Php	298,731,660.00
PRICE AND PHYSICAL CONTINGENCIES		14,936,583.00		14,936,583.00
ENGINEERING STUDY		6,273,370.00		6,273,370.00
CONSTRUCTION MONITORING		3,136,687.00		3,136,687.00
TOTAL COST I	Php	323,078,300.00	Php	323,078,300.00
II. NON-ENGINEERING BASIC COST ITEMS				
A. LOT ACQUISITION	Php	5,571,700.00	Php	5,571,700.00
B. SERVICE VEHICLE		6,350,000.00		6,350,000.00
TOTAL COST II	Php	11,921,700.00	Php	11,921,700.00
TOTAL PROJECT COST	Php	335,000,000.00	Php	335,000,000.00


Note: Plaridel Water District will shoulder 10% of the total project cost as equity.

* Luzon Water Development Corporation (LWDC) will shoulder the cost of Bulacan Bulk Water Supply Interconnection.

CERTIFIED CORRECT AND APPROPRIATE


NILO I. DELA CRUZ
 DEPARTMENT MANAGER
 WATER SUPPLY/SANITATION
 PLANNING AND DESIGN DEPARTMENT

RECOMMENDING APPROVAL:


JUANITO M. PAGULAYAN, JR.
 ACTING DEPUTY ADMINISTRATOR
 ENGINEERING SERVICE

APPROVED BY:


JECI A. LAPUS
 ADMINISTRATOR

TABLE 5
DETAILS OF COST ESTIMATES
 (Reference: 2018 (WMA in Place Costs)
 PLANDI, WATER DISTRICT
 PLANDI, BULACAN
 FEBRUARY 2020
 (REVISED MARCH 2021)

I. ENGINEERING BASIC COST ITEMS

DESCRIPTION	QTY	UNIT	UNIT COST (Php)	WATER DISTRICT LOAN		WATER DISTRICT EQUITY		TOTAL COST (Php)
				COST (Php)	AMOUNT (Php)	COST (Php)	AMOUNT (Php)	
A. POWER GENERATING SET FOR EXISTING PUMP STATION					2,343,661.00		183,051.00	2,526,712.00
1. 60 Kva Generating set, 230 VAC, diesel engine drive, silent type complete with breaker type manual transfer switch, cables and earthing materials for the existing four (4) pumping stations	4	sets	842,238.00 /set	2,343,661.00		18,751.00		
B. PROPOSED FACILITIES WITH BOOSTER					43,153,054.00		3,484,992.00	46,727,066.00
1. Proposed Banga Reinforced Concrete Ground Reservoir	2,500	cum	13,200.00 /cum	18,365,561.00		1,434,439.00		
30 Hp Vertical Multistage Centrifugal Pump and motor with Variable Frequency Drive (VFD) motor control, discharge piping assembly, column pipes and other electrical works	1	lot	735,300.00 /lot	682,030.00		5,270.00		
60 Kva Generating set, 230 VAC, Diesel engine drive, silent type complete with breaker type manual transfer switch, cables and earthing materials	1	set	842,238.00 /set	781,221.00		61,017.00		
15 Kva Distribution transformer and its protective devices and metering facilities	1	set	56,500.00 /set	157,220.00		1,780.00		
Power line extension	525	m	1,400.00 /m	681,750.00		5,248.00		
Construction of 20 sqm climate proof pump house	1	lot	480,000.00 /lot	445,274.00		34,724.00		
Perimeter/Security Fence	1	lot	600,000.00 /lot	556,532.00		43,468.00		
2. Proposed Ruado Reinforced Concrete Ground Reservoir	1,500	cum	13,200.00 /cum	18,365,561.00		1,434,439.00		
30 Hp Vertical Multistage Centrifugal Pump and motor with Variable Frequency Drive (VFD) motor control, discharge piping assembly, column pipes and other electrical works	1	lot	735,300.00 /lot	682,030.00		5,270.00		
60 Kva Generating set, 230 VAC, Diesel engine drive, silent type complete with breaker type manual transfer switch, cables and earthing materials	1	set	842,238.00 /set	781,221.00		61,017.00		
15 Kva Distribution transformer and its protective devices and metering facilities	1	set	56,500.00 /set	157,220.00		1,780.00		
Power line extension	525	m	1,400.00 /m	681,750.00		5,248.00		
Construction of 20 sqm climate proof pump house	1	lot	480,000.00 /lot	445,274.00		34,724.00		
Perimeter/Security Fence	1	lot	600,000.00 /lot	556,532.00		43,468.00		
C. TRANSMISSION/DISTRIBUTION PIPELINE					176,259,083.00		15,751,065.00	192,010,148.00
1. 500 mmØ x 6.0m Steel Pipe	4,026	lm	25,190.00 /lm	94,067,991.00		7,341,549.00		
2. 300 mmØ x 6.0m uPVC Pipe, Series 10	7,164	lm	3,689.00 /lm	24,214,982.00		1,911,624.00		
3. 250 mmØ x 6.0m uPVC Pipe, Series 10	9,142	lm	2,601.00 /lm	17,491,064.00		1,156,176.00		
4. 200 mmØ x 6.0m uPVC Pipe, Series 10	8,448	lm	1,571.00 /lm	11,312,724.00		1,041,250.00		

DESCRIPTION				WATER DISTRICT LOAN		WATER DISTRICT EQUITY		TOTAL COST (Php)
	QTY	UNIT	UNIT COST (Php)	COST (Php)	AMOUNT (Php)	COST (Php)	AMOUNT (Php)	
5. 150 mm x 6.0m uPVC Pipe Series 10	1,482	lm	951.00 /lm	1,402,242.00		10,673.00		
6. 100 mm x 6.0m uPVC Pipe Series 10	1,572	lm	597.00 /lm	938,682.00		11,107.00		
7. 75 mm x 6.0m uPVC Pipe Series 10	1,190	lm	897.00 /lm	1,067,820.00		11,789.00		
8. 800 mm Man. PRV assembly	1	set	1,113,000.00 /set	1,113,000.00		66,936.00		
9. 250 mm Man. PRV assembly	1	set	1,000,000.00 /set	1,000,000.00		79,691.00		
10. Concrete pavement demolition	17,485	sqm	189.00 /sqm	3,284,565.00		115,668.00		
11. Concrete pavement restoration	1,295	cu m	7,670.00 /cu m	9,932,450.00		548,809.00		
12. Valves and fittings			5% of Cost of Pipes (Items 1-7)	7,731,639.00		64,185.00		
II. RELEASED BULK WATER SUPPLY NETWORK CONNECTION								
1. Tappin of Release Bulk Water Supply includes all items from requirements and installation of SCADA System and its accessories	Luzon Clean Water Development Corporation (LCWD) will shoulder the cost of interconnection							
III. OFFICE BUILDING/FACTORY/WAREHOUSE					8,777,721.00		1,692,579.00	10,470,300.00
1. Construction of Proposed Water Jetts at Office Building, Motorpool and Warehouse including land lease, permit and D. Plan	2,288	sqm	2,277.00 /sqm	5,207,721.00		1,692,579.00		6,900,300.00
IV. DETAILING, NGIN, TERMS DESIGN					8,070,571.00		6,881,158.00	14,951,729.00
1. Preparation of UED and securing of necessary documents related to project implementation (Form 15, Right of Way, LCC, Water Rights etc.)				8% of Item A - I	640,572.00			
Sub-Total B				297,089,622.00		21,642,038.00		318,731,660.00
Price and Physical Contingency (PC)			5% of ST I	14,854,481.00				14,854,481.00
Engineering Review (ER)			2% of ST I + PC	5,941,700.00				5,941,700.00
Construction Monitoring (CM)			1% of ST I + PC	2,970,850.00				2,970,850.00
Total Cost I					321,456,753.00		21,642,038.00	343,098,791.00

DESCRIPTION				WATER DISTRICT LOAN		WATER DISTRICT EQUITY		TOTAL COST (Php)
	QTY	UNIT	UNIT COST (Php)	COST (Php)	AMOUNT (Php)	COST (Php)	AMOUNT (Php)	
II. NON-ENGINEERING BASIC COST ITEMS								
A. TOTAL ACQUISITION								
1. Proposed Office Building - Bldg. Bidding	1,100	sqm	2,157.00 /sqm			2,372,700.00		2,372,700.00
2. Proposed Bangsa I Bldg. Concrete Ground Revenue	500	sqm	5,000.00 /sqm			2,500,000.00		2,500,000.00
3. Proposed Kuala Lumpur I Concrete Ground Revenue	500	sqm	1,398.00 /sqm			699,000.00		699,000.00
B. SERVICE VEHICLES						6,150,000.00		6,150,000.00
1. Purchase of Commuter Van	1	unit	1,700,000.00 /unit			1,700,000.00		1,700,000.00
2. Purchase of Utility Van	1	unit	500,000.00 /unit			500,000.00		500,000.00
3. Purchase of Steam Truck	1	unit	4,000,000.00 /unit			4,000,000.00		4,000,000.00
Total Cost II						11,451,700.00		11,451,700.00
Total Project Cost					332,908,453.00		33,193,738.00	366,102,191.00

Prepared by

 MARISSA S. NATHIN
 Project Admin Officer

Reviewed by

 RUEL D. LAXER
 Manager, WSPD