

## I. Projects

### PROJECTS COMPLETED UNDER GAD 2021

PROJECT TITLE	PROJECT ACCOUNT	PROJECT COST (PhP)	ACTUAL COMPLETION
Purok 5 Distribution Line, Sikitan, Kidapawan City	GAD 2021	176,713.62	30/06/2021
Purok 2 Binoligan Distribution Line, Kidapawan City	LGU Cost Recovery/ GAD 2021	62,656.02	30/06/2021
Purok 1 Binoligan Distribution Line, Kidapawan City	LGU Cost Recovery/ GAD 2021	50,110.53	30/06/2021
Purok 7 Distribution Line, Mua-an, Kidapawan City	GAD 2021	301,800.00	03/09/2021
Crossing Lopez St. to LandMark Mainline, Kidapawan City	GAD 2021	6,845,153.06	29/03/2022
Purok 5-7, Amazion Distribution Line, Kidapawan City	GAD 2021	390,403.80	11/02/2022

### PHOTOS OF ACCOMPLISHED PROJECTS CHARGED AGAINST GAD 2021



Purok 5 Distribution Line, Sikitan, Kidapawan City



Purok 2 Binoligan Distribution Line, Kidapawan City



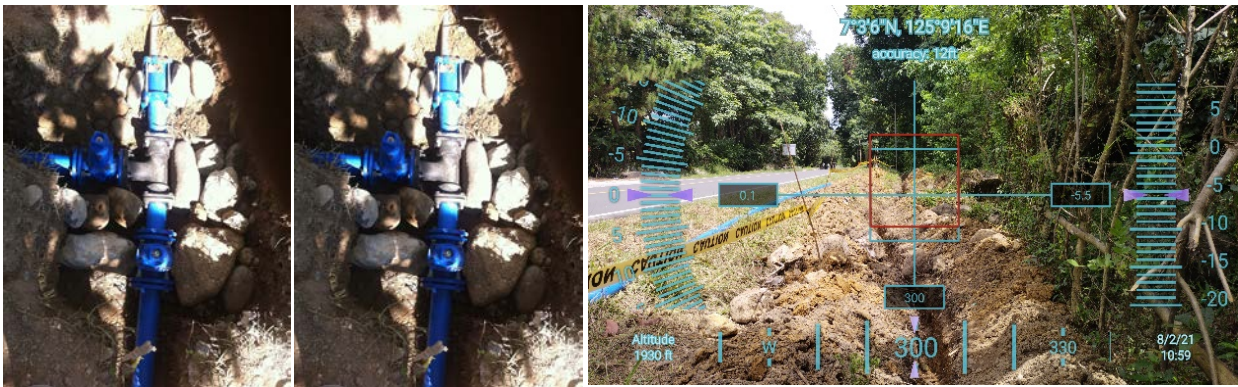
Purok 1 Binoligan Distribution Line, Kidapawan City



Crossing Lopez St. to Landmark Mainline, Kidapawan City



Purok 5-7, Amazon Distribution Line, Kidapawan City



Purok 7 Distribution Line, Mua-an, Kidapawan City

**ONGOING PROJECTS UNDER GAD 2021**

PROJECT TITLE	PROJECT ACCOUNT	PROJECT COST	REMARKS
Rehabilitation of Clustered Valves	GAD 2021	522,918.16	On-going implementation
Dawn's Café to Pepperbird Mainline, Kidapawan City	GAD 2021	1,516,683.95	On-going implementation



Dawn's Café to Pepperbird Mainline, Kidapawan City

**RATIONALE FOR GENDER AND DEVELOPMENT 2021 PROJECTS**

Metro Kidapawan Water District (MKWD) operations were significantly impacted by the devastation caused by the series of earthquake last October 2019 which resulted to frequent water supply interruptions. After a year of source restoration and system development, the district currently supports and coordinates with the Barangay Local Government Units, the Local Government Unit of Kidapawan, and the Department of Public Works and Highways (DPWH) Region XII under the 2nd District on the proposed improvement and development projects.

The District received requests for water supply distribution from four (4) barangays in Kidapawan City, namely Barangay Binoligan, Barangay Mua-an, Barangay Sikitan, and Barangay Amazion. On-site inspections and data collection were undertaken in the aforementioned areas. In addition, the proposed road widening under the DPWH's calendar year 2021 development plan was communicated through a written communication addressed to the General Manager. A joint site assessment was conducted before the implementation of the road widening and it was found out that several projects will disrupt an estimated three-kilometer main line of the District. This will include the expansion and relocation of existing pipeline projects.

The following initiatives and projects will serve both men and women within the service area of MKWD. The primary objective and goal is to secure water supply and to address interruptions in order to ensure that women have effective access to water delivery. In the aforementioned barangays, women in general are responsible for household chores

and activities such as cooking, laundry, bathing, and cleaning the house which are all water-intensive tasks. Men and women who live along these areas undertake their daily activities on nearby waterways due to a lack of supply access, which strain their daily activities. According to the families living in the aforementioned barangays, access to potable water can help provide for and improve their families' health, sanitation, and proper hygiene.

The proposed expansion and relocation projects in the following locations will assist in improving water distribution and providing 24-hour service. This initiative will benefit men, women, and children by addressing their daily water needs and increasing women's access to safe, potable water.

**PROJECT NAME:           Rehabilitation of Clustered Valves (Improvement Of Water Supply Distribution)**

#### **PROJECT RATIONALE**

The MKWD service area which includes Kidapawan City, Makilala, Magpet, and Matalam experienced source and supply interruptions last October 2019 due to the devastating occurrence of series of earthquake. Upon inspection and assessment, certain portions of the system still experience water interruptions due to repairs activities and turbidity after heavy rainfalls on sources after two (2) years of source restoration and system development projects. Specifically, the following areas are as follows: (1) Barangay Indangan, Kidapawan City; (2) Lapaan Dam 4 (Dam 2), Brgy. Perez, Kidapawan City; (3) Globe Tower, Brgy. Malasila, Makilala; (4) Patulangon Bridge, Brgy. Saguing, Makilala; (5) Barangay Poblacion, Magpet and (6) Purok 7, Brgy. Mateo, Kidapawan City.

Residents of the following areas complained for low pressure to no water. Onsite inspection and data gathering for the said areas was conducted and since the demand for water along areas are growing, system improvement of water supply distribution through clustered valves are needed to address the concerns of the concessionaires.

Both men and women can benefit from this project. Its main goal and objective is to address supply interruptions and ensure that women have effective access to water delivery. Households in the six (6) zones and barangays are made up of women who are responsible for everyday tasks and activities at home. Cooking, laundry, bathing, and cleaning the house are all activities that demand the use of water. Men and women residing along the said places conduct their activities on neighboring waterways due to system interruptions, which puts a strain on their day-to-day operations. The majority of complaints were from women and mothers who stayed up late to access water because of poor pressure or no water during the day and peak hours. According to them, supply interruptions have a negative impact on their families' health, sanitation, and adequate hygiene, resulting in physical and emotional exhaustion.

The proposed rehabilitation of clustered valves in the following areas will help to improve water distribution and provide 24-hour supply in those areas. This project will help

men, women and children in their daily water needs and improve women's access to safe and potable water source.

### **OBJECTIVES**

1. Address supply interruptions and ensure that women and children will have easy access to water supply distribution.
2. Isolate and improve the distribution of water systems for women and men in the target areas.
3. To provide and improve access to safe and potable water for women and children.

### **PROJECT DETAILS AND STRATEGIES**

1. Conduct investigation regarding occurrence of turbidity and system interruption on MKWD Service Area.
2. Conduct Household Profiling and gather demographic data of the project areas.
3. Conduct engineering survey during the pre-design and pre-implementation stage of the propose project.
4. Coordinate with the Barangay LGU regarding the implementation of the project.
5. Secure permits and other documents from Barangay LGU.
6. Ensure enough barricades/warning signs.
7. Proceed with the project implementation in accordance with the approved program of works and budget.

### **PROJECT SCHEDULE**

1. Approved modification of budget proposal and program of work and project proposal last September 14, 2021.
2. Approved Work Order (WO) after modification of budget and Program of Works (POW) last September 22, 2021.
3. Target project implementation on 4th quarter of 2021.

### **ESTIMATED RESULTS**

1. Provide 24-hour water supply and address occurrence of system interruption for the men and women of the target areas:
  - a. Barangay Indangan, Kidapawan City
  - b. Barangay Perez, Kidapawan City
  - c. Barangay Malasila, Makilala
  - d. Barangay Saguing, Makilala
  - e. Barangay Poblacion, Magpet
  - f. Barangay Mateo, Kidapawan City
2. Accommodate new service connections within the target areas upon project completion to benefit the men and women living on the areas.

3. Increase in water revenue within the identified barangays for water supply distribution improvement.