

BINMALEY WATER DISTRICT

Binmaley, Pangasinan


MAJOR PROGRAMS AND PROJECTS FOR CALENDAR YEAR 2020

| NAME OF PROJECT | STATUS OF IMPLEMENTATION | BENEFICIARIES | REMARKS |
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| Supply, delivery, installation and commissioning of 16lps "Plug and Play" Water Treatment System using Cembrane Silicon Carbide submerged flat-sheet ultra-filtration Technology at San Isidro Pump Station | Project Started: March 19, 2019 Project Ended: on-going 90% Completed | Around 1,732 concessioners from Bgys. San Isidro Norte, San Isidro Sur, Buenlag, Sabangan, Baybay Polong & Baybay Lopez | To produce treated water and color of water to be supplied will significantly reduced by more than 50%. |
| Cost of 1 unit HACH DR900 multi-parameter handheld colorimeter. | Project Started: February 18, 2020 Project Ended: February 18, 2020 100% Completed | All concessioners of BIWAD | Accurate and efficient results of different parameters RE: Color and Chlorine residual |
| Cost of 1 unit GRUNDFOS submersible deepwell pump SP-46-4, 1 unit FRANKLIN submersible motor 15HP, 1 unit DANFOSS Variable Frequency Drive 15HP and 50 meters submersible cable installed at Basing PS. | Project Started: March 13, 2020 Project Ended: March 13, 2020 100% Completed | Around 907 concessioners from Basing, Dulag and Balogo | Improved operation as new replacement was installed. |
| Completion of one production well at Brgy. Linoc | Project Started: December 6, 2017 Project Ended: July 18, 2020 100% Completed | Around 1,270 concessioners from Linoc, Manat and Canaalan. | To augment water supply and to improve water pressure and to generate new water service connections. |
| Cost of 2 metering pumps, 24-hour timer, under/over relay and liquid level relay installed at San Isidro Norte PS and Balagan PS. | Project Started: July 20, 2020 Project Ended: July 20, 2020 100% Completed | Around 1,927 concessioners from San Isidro Norte, Buenlag, Sabangan, Balagan, Papagueyan, Pallas and Parayao | Accurate dosing of Chlorine and automation and protection of pumps and motors. |
| Replacement of submersible pump SP5A-11 coupled to 2.5HP at Gayaman PS (North) which was defective. | Project Started: July 03, 2020 Project Ended: July 25, 2020 | Around 2,230 concessioners from Gayaman, Calit, Sta Rosa, | Improved operation as new replacement was installed. |
| Replacement of submersible pump SP30-4 coupled to 7.5HP at Balagan PS to avoid sand pumping. | 100% Completed | Balagan, Papagueyan, Pallas and Parayao | |

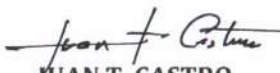
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| Cost of various plumbing tools and equipment for repair and maintenance purposes. | Project Started: August 18, 2020 Project Ended: August 18, 2020 100% Completed | All concessioners of BIWAD | Efficient and speedy repairs and maintenance of Water District's facilities and appurtenances. |
| Cost of 40 square meters parcel of land at Brgy. Naguilayan, Binmaley, Pangasinan. | Project Started: August 28, 2020 Project Ended: August 28, 2020 100% Completed | Around 1,887 concessioners of Naguilayan, Camaleay, Calit and Manat | Site for construction of 500 cubic meter ground reservoir |
| Cost of 200 square meters parcel of land at Brgy. Nagpalangan, Binmaley, Pangasinan | Project Started: September 4, 2020 Project Ended: September 4, 2020 100% Completed | Around 1,075 concessioners of Nagpalangan, Amancoro and Dulag | Site for construction of 500 cubic meter ground reservoir |
| Construction of pump house and site development at Linoc Pump Station | Project Started: September 9, 2020 Project Ended: November 9, 2020 100% Completed | Around 1,270 concessioners from Linoc, Manat and Canaalan. | To house electro-mechanical equipment and to secure the premises of the Pump Station. |
| Cost of 1 unit 30KVA FIRMAN Silent type generator set stationed at Balagan Pump Station. | Project Started: October 13, 2020 Project Ended: October 13, 2020 100% Completed | Around 1,473 concessioners from Bgys. Tombor, Balagan, Pototan, Papagueyan, Pallas and Parayao | Standby power supply in case of power outage, low/high voltage by electric service provider. |
| Cost of labor and materials for the installation of 1 unit 15KVA DX Transformer at Linoc Pump Station. | Project Started: November 23, 2020 Project Ended: November 24, 2020 100% Completed | Around 1,270 concessioners from Linoc, Manat and Canaalan. | To energize the Linoc Pump Station with single phase power supply. |
| Cost of 1 unit GRUNDFOS submersible pump model SP14-10 coupled to 5HP FRANKLIN submersible motor with control installed at Linoc Pump Station. | Project Started: November 24, 2020 Project Ended: November 24, 2020 100% Completed | Around 1,270 concessioners from Linoc, Manat and Canaalan. | Electro-mechanical equipment suited to the well capacity at Balagan Pump Station. |

Prepared by:


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BINMALEY WATER DISTRICT

Binmaley, Pangasinan

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| NAME OF PROJECT | STATUS OF IMPLEMENTATION | BENEFICIARIES | REMARKS , |
|---|-----------------------------------|------------------------------------|---|
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| Completion of one production well in Balagan. | Project Started: October 10, 2017 | Around 1,483 concessioners | To augment water supply and to |
| | Project Ended: March 05, 2019 | from Bgys. Tombor, | improve water pressure and to |
| | 100% Completed | Balagan, Pototan, Papagueyan, | generate new water service connections. |
| | | Pallas and Parayao | |
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| Supply, delivery, installation and commissioning of 16lps | Project Started: March 19, 2019 | Around 1,732 concessioners | To produce treated water and color of water |
| "Plug and Play" Water Treatment System using Cembrane | Project Ended: on-going | from Bgys. San Isidro Norte, | to be supplied will significantly reduced |
| Silicon Carbide submerged flat-sheet ultra-filtration | 90% Completed | San Isidro Sur, Buenlag, Sabangan, | by more than 50%. |
| Technology at San Isidro Pump Station | | Baybay Polong & Baybay Lopez | |
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| Supply of labor and materials for the installation of 3-10KVA | Project Started: March 20, 2019 | Around 1,483 concessioners | To energize the Balagan Pump Station |
| DX Trnsformers and electrical service-sole use at Balagan | Project Ended: April 15, 2019 | from Bgys. Tombor, | with 3-phase power supply. |
| Pump Station | 100% Completed | Balagan, Pototan, Papagueyan, | |
| | | Pallas and Parayao | |
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| Construction of 8m x 3m pump house and perimeter fence | Project Started: April 8, 2019 | Around 1,483 concessioners | To house electro-mechanical equipment and |
| and installation of steel main gate at Balagan Pump Station. | Project Ended: May 20, 2019 | from Bgys. Tombor, | to secure the premises of the Pump Station. |
| | 100% Completed | Balagan, Pototan, Papagueyan, | |
| | | Pallas and Parayao | |
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| Installation of Jain sure-loc PVC riser pipes including stainless | Project Started: May 07, 2019 | Around 1,483 concessioners | To facilitate pull-out and installation in |
| steel connector at Balagan Pump Station. | Project Ended: May 07, 2019 | from Bgys. Tombor, | cases of submersible pump and motor |
| | 100% Completed | Balagan, Pototan, Papagueyan, | replacement. |
| | | Pallas and Parayao | |
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| Procurement of 1 unit 75KVA Diesel Generator stationed at Balagan Pump Station. | Project Started: May 23, 2019 Project Ended: May 23, 2019 100% Completed | Around 1,483 concessioners from Bgys. Tombor, Balagan, Pototan, Papagueyan, Pallas and Parayao | Standby power supply in case of power outage, low/high voltage by electric service provider. |
| Installation of 1 unit Grundfos submersible deepwell pump Model SP46-6 coupled to Frankline submersible motor 25HP with submersible cable and other accessories at Balagan Pump Station. | Project Started: May 23, 2019 Project Ended: May 23, 2019 100% Completed | Around 1,483 concessioners from Bgys. Tombor, Balagan, Pototan, Papagueyan, Pallas and Parayao | Electro-mechanical equipment suited to the well capacity at Balagan Pump Station. |
| Drilling of one production well in Barangay Linoc, Binmaley, Pangasinan | Project Started: September 4, 2019 Project Ended: on-going 87% Completed | Around 1,227 concessioners from Barangays Linoc, Manat and Canaalan | To augment water supply and to improve water pressure and to generate new water service connections. |
| Installation of 1 unit Electro-magnetic Flowmeter DN100 (4") with complete accessories installed Balagan Pump Station. | Project Started: June 5, 2019 Project Ended: June 5, 2019 100% Completed | Around 1,483 concessioners from Bgys. Tombor, Balagan, Pototan, Papagueyan, Pallas and Parayao | Accurate registration of water production. |
| Installation of 2 units Grundfos Vertical-in-line Multi-stage Centrifugal pump and 2 pieces online controller for 7.5HP, 230V, 3-phase with complete accessories at Biec and Caloocan Sur Water Treatment Plants. | Project Started: June 7, 2019 Project Ended: July 31, 2019 100% Completed | Around 4,043 concessioners from Barangays Caloocan Sur, Caloocan Norte, Dupo, Salapingao, Poblacion, Malindong, Biec, Lomboy, Canaalan & Linoc | To augment water supply and to improve water pressure. |
| Installation of 2 units PICOBOX REX Remote Exchange Controller for Pump Station monitoring at San Isidro and Balagan Pump Stations. | Project Started: June 10, 2019 Project Ended: July 23, 2019 100% Completed | Around 3,215 concessioners from Bgys. San Isidro Norte, Buenlag, Sabangan, San Isidro Sur, Baybay Polong, Baybay Lopez, Tombor, Balagan, Pototan, Papagueyan, Pallas and Parayao | Real-time relay of SMS whenever there are shutdown of pumping equipment in case power interruption/low voltage. |
| Upgrading of transformers to 3 units 25KVA at San Isidro Pump Station in consonance to the power requirement of the Water Treatment Facility. | Project Started: July 11, 2019 Project Ended: July 13, 2019 100% Completed | Around 1,732 concessioners from Bgys. San Isidro Norte, San Isidro Sur, Buenlag, Sabangan, Baybay Polong & Baybay Lopez | To upgrade to higher power requirement needed to operate the Water Treatment Facility. |
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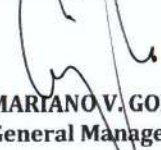
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| Installation of 1 unit Grundfos submersible deepwell pump | Project Started: July 27, 2019 | Around 788 concessioners | Improved operation as new replacement |
| Model SP30-7 coupled to Frankline submersible motor | Project Ended: July 27, 2019 | from Bgys. Amancoro, | was installed. |
| 15HP with submersible cable and other accessories at | 100% Completed | Nagpalangan and Basing | |
| Amancoro Pump Station. | | | |
| Installation of 1 unit Grundfos submersible deepwell pump | Project Started: November 02, 2019 | Around 1,483 concessioners | Improved operation as new replacement |
| Model SP60-4A coupled to Frankline submersible motor | Project Ended: November 04, 2019 | from Bgys. Tombor, | was installed. |
| 15HP with submersible cable and other accessories at | 100% Completed | Balagan, Pototan, Papagueyan, | |
| Tombor Pump Station. | | Pallas and Parayao | |

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