

Background

Providing new Pumps and replacing existing ones & bypass System to increase the capacity of existing pumping station.

Project Scope

- Removal and replacement of HLP01 and HLP04
- New suction header and suction piping
- Replacement of actuators on the discharge side
- New two standalone VFD panels with bypass capability for pumps
- New PLC panel and PAC panel.
- Instrumentation, and Control Panel

Project Demand

- ☞ Supply of instrumentation and control panels as per City of Hamilton Standards

Reason for Win!!

- ☞ Knowledge in end user standards.
- ☞ Showcased expertise in retrofitting projects coupled with adept project management.

City of Hamilton – Garner Road (HD018) Water Pumping Station Upgrades

Scope of Valley Integration Inc., - Instrumentation + Programming

Valley Integration was responsible for,

- Instrumentation system that monitors and controls process parameters including flowmeters, pressure transmitters, chlorine analyzers, ammonia analyzers and level instruments
- Supply, test and commissioning of Local control panels (LCP) and PAC panels.
- Modification of existing PAC panel

List of Major Suppliers:

- PLC : Rockwell ControlLogix PLC
- OIT : QuickPanel+
- INSTRUMENTS : By Valley as per approved list.



Valley Integration Inc.

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