



Sole Source Procurement for Murcal Inc.

**Programmable Logic
Controllers for City Flood
Control and Water**

May 2, 2023

Murcal Inc.

- Programmable logic controllers (PLC) are used to remotely manage 15 City flood control facilities.
- 6 of 15 stations have already been replaced with new equipment.
- Proprietary software is custom built for Huntington Beach and is only compatible with Murcal equipment.
- First selected in 1980's, when there were limited vendors at the time.



Sole Source Request

- Existing PLC's are over 25 years old and are beginning to show signs of failure.
- Selecting Murcal Inc. will ensure compatibility with the City's existing system the City.
- Utilizing another vendor would require further analysis to determine compatibility. Should the City utilize this vendor, it may require significant costs to re-design, setup, program, and re-training staff to utilize the new equipment.
- Failed equipment will significantly increase risk of flooding and may adversely impact the health, safety and property of local residents and businesses.

