



**City of Missoula, Montana  
City Council Committee Agenda Item**

**Committee:** Public Works and Mobility

**Item:** Professional Services Agreement with HDR, Inc. for the SCADA Upgrade Project

**Date:** December 14, 2022

**Sponsor(s):** Jerry Ellis & Josiah Hodge

**Prepared by:** Katie Emery

**Ward(s) Affected:**

<input type="checkbox"/> Ward 1	<input type="checkbox"/> Ward 4
<input type="checkbox"/> Ward 2	<input type="checkbox"/> Ward 5
<input type="checkbox"/> Ward 3	<input type="checkbox"/> Ward 6
<input type="checkbox"/> All Wards	<input checked="" type="checkbox"/> N/A

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**Action Required:**

Approve a Professional Services Agreement with HDR, Inc. for the SCADA Upgrade Project.

**Recommended Motion(s):**

I move the City Council: Approve and authorize the Mayor to sign a Professional Services Agreement with HDR, Inc. for the SCADA/HMI Hardware & Software Upgrade Project at a cost not to exceed \$80,500.00.

**Timeline:**

Committee discussion:	January 11, 2023
Council action (or sets hearing):	January 23, 2023
Public Hearing (if required):	N/A
Final Consideration	N/A
Deadline:	N/A

**Background and Alternatives Explored:**

In September 2021, Department of Public Works & Mobility issued a Request for Statement of Qualifications from SCADA consultants/firms to provide SCADA related analysis and design, material selection, construction, and installation related services for Public Works for fiscal years 2022 through 2024. Three consultant submitted materials: HDR, Inc., Morrison-Maierle, and AE2S. HDR, Inc. was the successful consultant.

The Department of Public Works & Mobility - Water is planning a multi-phase Supervisory Control and Data Acquisition (SCADA) upgrade with the first phase being to upgrade the Human Machine Interface (HMI) and Historian software and hardware. HDR proposes to execute the project in four phases: Data Gathering & Desktop Reviews, Hardware/Software Procurement Design, HMI Screen Upgrades, and Installation & Deployment.

The budgeted upgrade to the Missoula Water SCADA HMI system, off-site emergency control system, and associated hardware is being performed to bring the current aged and unsupported components to a level that meet or exceed proven industry standards for reliability and security.

**Financial Implications:**

\$80,500.00 from the Water Enterprise Fund

**Links to external websites:**

N/A