

Memorandum

REPORT TO: City Commission

FROM: Griffin Nielsen, Water Resources Engineer
Shawn Kohtz, Director of Utilities

SUBJECT: Authorize the City Manager to Sign a Task Order 1 of the Professional Services Master Task Order Agreement with HDR Engineering, Inc., for Implementation of the Water Treatment Plant Power Study Recommendations

MEETING DATE: August 18, 2026

AGENDA ITEM TYPE: Agreement - Vendor/Contract

RECOMMENDATION: Authorize the City Manager to sign Task Order 1 of the Professional Services Master Task Order Agreement with HDR Engineering, Inc., for implementation of the Water Treatment Plant Power Study recommendations.

STRATEGIC PLAN: 4.3 Strategic Infrastructure Choices: Prioritize long-term investment and maintenance for existing and new infrastructure.

BACKGROUND: HDR Engineering, Inc. provides professional engineering services on an on-call basis for City of Bozeman's Water Treatment Division under a [Master Task Order Professional Services Agreement](#), authorized by the City Commission on June 3rd, 2025.

The Sourdough Water Treatment Plant (WTP) has experienced an elevated rate of failure of the plant's surge protective devices. HDR Engineering was contracted to conduct a power study to investigate the cause of the failures and identify potential corrective measures. The power study has been completed and recommends replacement of eight faulty surge protection devices (SPDs) and further evaluation of the plant's existing harmonics filter.

Task Order No. 1 provides engineering support to implement the recommendations of the power study. The scope includes coordination and inspection associated with replacement of the eight SPDs and coordination with Schneider Electric to evaluate the existing harmonics filter and determine whether additional corrective measures are warranted.

UNRESOLVED ISSUES: None

ALTERNATIVES: As suggested by the Commission

FISCAL EFFECTS:

Task Order 1 has a total cost of \$23,334. Funding will be provided from the Water Treatment Plants operations budget, which has \$50,000 reserved for on-call engineering services in FY27; as such, adequate funding exists.

Attachments:

[2026 WTP Oncall_HDR_TO No. 1_WTP Power Study Implementation_Final.pdf](#)

Report compiled on: August 6, 2026