

TO: James L. App, City Manager
FROM: Doug Monn, Public Works Director
SUBJECT: Wastewater Treatment Plant Upgrade
DATE: June 15, 2010

NEED: For City Council to consider a contract for wastewater treatment plant upgrade design phase construction management services.

FACTS:

1. The City hired Black & Veatch (Engineer) in 2008 to plan and design a wastewater treatment plant (WWTP) upgrade to comply with water quality regulations. The design is now 60% complete and will be 90% complete in November 2010.
2. A project of this type is typically reviewed by construction management professionals at 60% and 90% of final design for:
 - a. Constructability (to ensure the documents are coordinated and can be built as designed);
 - b. Biddability (review of the plans and documents to ensure a contractor can reasonably bid the work in accordance with local, state, and federal laws).
3. The review process is critical to determine the certainty/accuracy of construction cost estimates for the purpose of securing construction financing and determining user rates.
4. Staff issued a Request for Proposal (RFP) to several specialized construction management firms for WWTP upgrade design phase construction management services. The scope of work includes:
 - Constructability review at 60% design;
 - Biddability/Constructability review at 90% design, including a review of the Engineer's cost estimate;
 - Prepare a preliminary construction schedule, to confirm a realistic construction contract period.
5. The City is limiting the work to the above tasks. Proposals for full construction management services will be deferred until the City confirms project financing.
6. Six firms responded to the RFP:

Covello Group	Vanir
AECOM	Harris and Associates
Carollo	Jacobs

ANALYSIS &

CONCLUSION: Harris and Associates demonstrated a good understanding of the City's work requirements and approach to the WWTP upgrade project, and possesses excellent qualifications and experience performing these tasks. Harris and Associates appears best

qualified for WWTP design phase construction management services. Their fee is \$84,000.

Note: Other firms were found less qualified for the required scope of work. Their fees ranged from \$56,000 to \$130,000.

POLICY

REFERENCE: Water Board Discharge Permit, Integrated Water Resources Plan.

FISCAL IMPACT: The Sewer Enterprise Fund includes \$145,300 for professional services to fund this work. This expenditure will have no impact on the General Fund.

- OPTIONS:**
- a. Authorize the City Manager to execute a contract with Harris and Associates for WWTP upgrade design phase construction management services for a not-to-exceed fee of \$84,000.
 - b. Amend, modify, or reject the above option.

Prepared by: Matt Thompson, PE, Wastewater Manager

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