

PRE-MEETING AGENDA

Casper City Council
City Hall, Council Chambers
Tuesday, September 7, 2021, 5:30 p.m.



Please silence cell phones during the City Council meeting.

Entrance to the meetings is the east door off David Street. Face coverings are encouraged for those individuals who have not been fully vaccinated against COVID-19. Public input via email is encouraged: CouncilComments@casperwv.gov.

	Presentation	Allotted	Beginning Time
1.	Discussion of Process to Fill Ward I Vacancy	5 min	5:30
2.	Sole Source Request – Grit Removal System	5 min	5:35
3.	Sole Source Request – Centrifuge Service at the Wastewater Treatment Plant	5 min	5:40
4.	Mutual Aid Agreement - Cheyenne	5 min	5:45
5.	Agenda Review	5 min	5:50
	Approximate Ending Time		5:55

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Communication Accountability Stewardship Professionalism Efficiency Responsiveness

August 20, 2021

MEMO TO: J. Carter Napier, City Manager *JB for JEN*

FROM: Andrew Beamer, P.E., Public Services Director *JB*
Bruce Martin, Public Utilities Manager
Megan Lockwood, WWTP Manager

SUBJECT: Sole Source Procurement – Grit Removal System Equipment

Meeting Type & Date

Regular Council Meeting – Pre-meeting
September 7, 2021

Action Type

Approval

Recommendation

That Council allow the Public Services Department to sole source and negotiate a procurement of goods agreement with Falcon Environmental, Frederick, CO, for two Hydrogritter grit removal systems and two Wemco Model CE grit pumps to be used in the Headworks Building at the Wastewater Treatment Plant for an approximate cost of \$138,720.00.

Summary

During the 1982-84 Wastewater Treatment Plant upgrade, two grit removal systems were installed as part of the preliminary treatment process. The grit system, in part, utilizes two Wemco Model CE grit pumps to pump the grit slurry to two Hydrogritter grit removal systems and ultimately to disposal. Grit removal is a critical step in the treatment process as it protects downstream equipment from the damaging effects of grit and aids in keeping grit from being deposited in downstream tanks and basins. After many years of service, the grit system equipment has been rebuilt several times and is now beyond repair and requires replacement.

The Public Services Department is requesting that the grit equipment replacement be sole sourced and purchased through negotiations with Falcon Environmental Corporation. This new equipment would be identical to the equipment being replaced. The reasoning is as follows:

1. The existing grit pumps and Hydrogritters are mounted on bases that allows for proper drive motor/pump alignment. Additionally, the ductile iron piping is fixed and aligns with the equipment when mounted on the bases. The new Wemco pumps and Hydrogritters would be of identical design and would fit in and attach to the existing mounting bases and plumbing with no modifications required. Use of any other equipment could require modifications to the base, plumbing and electrical connections.

2. Falcon Environmental Corporation is the authorized Wemco dealer for the Wyoming, Colorado, and New Mexico area and has specialized in supplying wastewater preliminary treatment equipment such as the Wemoc pumps for more than 45 years. We have confidence in their equipment and know that parts and service are readily available.

Financial Considerations

Funds for this project have been approved and included in the FY22 Wastewater Fund budget.

Oversight/Project Responsibility

Megan Lockwood, WWTP Manager

Attachments

NA

August 18, 2021

MEMO TO: J. Carter Napier, City Manager *JB for JCN*
FROM: Andrew Beamer, P.E., Public Services Director *JB*
Bruce Martin, Public Utilities Manager
Megan Lockwood, WWTP Manager
SUBJECT: Centrifuge Service – Wastewater Treatment Plant

Meeting Type & Date

Regular Council Meeting – Pre-meeting
September 7, 2021

Action Type

Approval

Recommendation

That Council allow the Public Services Department to sole source and negotiate a professional services agreement with Andritz Separation Inc., 110 Dickson Street, Pittsburg, Texas 75686 for a 24,000-hour service and repair/replacement of damaged components on Dewatering Centrifuge No. 1 located at the Wastewater Treatment Plant for an approximate cost of \$114,259.11.

Summary

During the 2006-2008 Wastewater Treatment Plant upgrade, an Andritz D5LL30CHP Dewatering Centrifuge was installed as part of the solids handling process at the wastewater treatment plant. The centrifuge dewateres digested sludge from the anaerobic digestion process preparing it for composting at the Solid Waste Co-Composting Facility. Dewatering is a critical step in removing sludge from the treatment process and ultimately from the Wastewater Treatment Plant.

The centrifuge is due for service and repair of worn and damaged components sustained from normal operation. The Public Services Department is requesting that a complete 24,000-hour service and worn/damaged component replacement be performed solely by Andritz Separation Inc. The reasoning is as follows:

1. The scope, complexity, and magnitude of the work require a qualified/certified technician to complete the service. Andritz technicians are factory certified for performing complex mechanical work on this specific equipment.
2. Andritz service personnel are supported by their own engineering department.
3. Andritz technicians will use original equipment manufacturer parts that are supplied with a warranty.
4. Andritz technicians will have access to special tools and the most recent equipment improvements/enhancements.

Financial Considerations

Funds for this project have been approved in the FY22 Wastewater Fund budget.

Oversight/Project Responsibility

Megan Lockwood, WWTP Manager

Attachments

NA