



City of Redmond

15670 NE 85th Street
Redmond, WA

Memorandum

Date: 12/8/2020

Meeting of: Committee of the Whole - Planning and Public Works

File No. CM 20-355

Type: Committee Memo

TO: Committee of the Whole - Planning and Public Works

FROM: Mayor Angela Birney

DEPARTMENT DIRECTOR CONTACT(S):

Public Works	Dave Juarez	425-556-2733
--------------	-------------	--------------

DEPARTMENT STAFF:

Public Works	Mike Haley	Project Manager
Public Works	Gaby Wolff	Water Supervisor
Public Works	Jeff Thompson	Senior Utility Engineer

TITLE:

Award Sodium Hypochlorite Improvements Project to McClure and Sons Inc in the amount of \$347,091

OVERVIEW STATEMENT:

Water from the City's five drinking water wells is chlorinated using hypochlorite generation units that were installed between 2001 and 2009. Earlier this year, it was determined that these units have reached the end of their useful life and it is no longer cost-effective to repair them. Some individual components of the present units are more expensive than the cost to replace the entire unit. It was determined that it would be most cost effective to replace them all at once to achieve economies of scale. The project began as a maintenance project but after defining the scope of the replacement project it was determined that the installation would need to follow the Capital Improvement Program project requirements.

An on-call engineering consultant was employed to develop design drawings and bidding documents to facilitate replacement of the hypochlorite units and the project was advertised for construction.

Staff recommends awarding a contract to McClure and Sons Inc., the low responsible bidder. The bidders' unit prices, extensions, and additions have been checked for accuracy and for unbalanced bid items. References for McClure and Sons Inc. have been contacted and were found to be satisfactory.

☒ **Additional Background Information/Description of Proposal Attached**

REQUESTED ACTION:

☐ **Receive Information**

☒ **Provide Direction**

☐ **Approve**

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
N/A
- **Required:**
Council approval is required to award contracts/agreements over \$300,000 per 2018 City Resolution 1503.
- **Council Request:**
N/A

- **Other Key Facts:**
See attachment A

OUTCOMES:

This contract will replace the hypochlorite generation units for each well to ensure continued, uninterrupted chlorination of the well water.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
N/A
- **Outreach Methods and Results:**
The work will generally take place inside the well treatment buildings and will not affect neighbors or utility customers.
- **Feedback Summary:**
N/A

BUDGET IMPACT:

Total Cost:
\$507,000

Approved in current biennial budget: ☐ Yes ☒ No ☐ N/A

Budget Offer Number:
N/A

Budget Priority:
Infrastructure Priority.

Other budget impacts or additional costs: ☐ Yes ☒ No ☐ N/A

If yes, explain:
N/A

Funding source(s):
Water CIP fund balance.

Budget/Funding Constraints:

These funds were included in the previous budget but were unallocated. The use of these unallocated funds does not affect any other budgeted projects. The funding for this project is derived from unallocated funds in the 2019-2020 Water CIP.

☒ **Additional budget details attached**

COUNCIL REVIEW:

Previous Contact(s)

Date: N/A	Meeting: N/A	Requested Action: N/A
------------------	---------------------	------------------------------

Proposed Upcoming Contact(s)

Date	Meeting	Requested Action
1/5/2021	Business Meeting	Approve

Time Constraints:

N/A

ANTICIPATED RESULT IF NOT APPROVED:

Maintenance costs for the current hypochlorite generation units will continue to increase and accrue and construction cost inflation will increase the cost of this construction when it occurs. If a unit fails and repair cannot be performed, it will require replacement and may require loss of use of the associated drinking water well for a period of time until the unit is replaced. If that occurs during the peak season (June-September) this may require costs for additional purchase of water from Cascade.

ATTACHMENTS:

Attachment A - Background, bid and funding information