



CITY COUNCIL AGENDA FORM

Meeting Date: July 10, 2023

Agenda item: _____

Prepared by: Rick Sailler

Reviewed by: _____

Department: Public Works

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding a Resolution pertaining to a Blower replacement at the Wastewater Treatment Plant (WWTP) using Atlas Copco Air Plan Program in the amount of \$1785.00 per month, with a five-year (5yr) Agreement.

ATTACHMENTS FOR REFERENCE:

1. Resolution
2. Atlas Copco Air Plan Program
3. Engineer's Recommendation
4. Atlas Copco Integration Proposal

STAFF BRIEFING:

- ❖ The current situation at the WWTP is at a critical stage with only one Aeration Blower in operation. The City contracted with Altas Copco to repair Blower #1 during the last year, but unfortunately the Blower expense to get the unit back in operation is not economically justified.
- ❖ We currently operate Blower #2, which is an Atlas Copco unit purchased in 2018. The WWTP is required to have redundancy for aeration operations which is the most critical operation at an Activated Sludge WWTP.
- ❖ The choice we have is to replace Blower #1 with a new unit, which is estimated at \$150,000 minimum expense, or consider a unique option offered by Atlas Copco by entering into an agreement for their Air Plan Program, basically a rental program rather than purchase and insuring reliability for the next five (5) years. (Total = \$107,100)
- ❖ We are currently in process of design and construction of a WWTP expansion project and City Staff recommends the Air Plan option to maintain reliability and consistency with Aeration Operations, until the new WWTP is built and we have the ability to ensure all blowers are common unit to ensure better operations and maintenance for this critical equipment.
- ❖ There will be some installation cost, estimated at \$50,000 and replacement of existing control equipment estimated at \$25,000
 - City Manager has reviewed and approved.
 - Finance Director has reviewed and approved.
 - City Attorney has reviewed and approved.
 - City Engineer has reviewed and approved.



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TARGET IMPLEMENTATION: July 15, 2023 - Air Plan Agreement Signature

SIGNIFICANT ACTION DATES: September 1, 2023 - new Blower installed and online

ACTION:

- | | |
|--|--|
| <input type="checkbox"/> Ordinance | <input checked="" type="checkbox"/> Resolution |
| <input type="checkbox"/> Special Presentation | <input type="checkbox"/> Proclamation |
| <input type="checkbox"/> Finance Report | <input type="checkbox"/> Public Hearing |
| <input type="checkbox"/> Municode Codification | |
| <input checked="" type="checkbox"/> Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:	
Budgeted	
Actual Bid	
Estimated Expenditure	\$21,420 Annually
Acct. Name(s)	WWTP Repair & Maintenance
Line Items #	
Other Funding	

STAFF'S RECOMMENDATION: Motion to approve Air Plan Agreement with Atlas Copco for a period of five (5) years and associated installation and integration of the Blower estimated at \$50,000.

FISCAL IMPACT: \$107,100 over 5 year period, plus installation and integration expenses of \$50,000 (estimated)