



AGENDA MEMORANDUM

Action Item for the City Council Meeting August 10, 2021

DATE: August 10, 2021

TO: Peter Zaroni, City Manager

FROM: Kevin Norton, Director of Water Utilities
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<p align="center">Supply Agreement for Filter Media Replacement at O.N. Stevens Water Treatment Plant</p>
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CAPTION

Motion authorizing a three-year supply agreement with Carbonfilt, LLC of Venice, Florida, for a total amount not to exceed \$1,508,240.00 for filter media replacement at the O. N. Stevens Water Treatment Plant, with FY2021 funding in an estimated amount of \$83,791.11 available through the Water Fund.

SUMMARY:

This motion authorizes a three-year supply agreement for filter media replacement at the O. N. Stevens Water Treatment Plant (ONSWTP). The vendor will deliver the materials by truck from Florida, and ONSWTP maintenance staff will remove and replace the media in all twenty-two treatment filters over a three-year period.

BACKGROUND AND FINDINGS:

O.N. Stevens Water Treatment Plant uses conventional filtration in the treatment process to meet regulatory requirements as outlined in Title 30 of the Texas Administrative Code, Rule 290.111(e). The twenty-two filters consist of layered anthracite and silica sand that remove particles as the water drains through it. The current filter media was installed between 2000 and 2004. The lifespan of filter media varies based on operation and quality of water being filtered, with typical lifespan of 15 years. During an internal assessment conducted in 2021, staff determined the filter media at the O. N. Stevens Water Treatment Plant must be replaced.

PROCUREMENT DETAILS:

Contracts and Procurement conducted a competitive Request for Bids process to obtain bids. The City received four responsive, responsible bids. Staff is recommending the award to the lowest responsive, responsible bidder Carbonfilt, LLC.

ALTERNATIVES:

There is no alternative – not replacing the filter media will eventually result in the plant no longer being able to remain compliant with regulatory requirements for filtration, which would result in monetary fines and lead to a potential risk to public health.

FISCAL IMPACT:

This fiscal impact for the Water Fund in FY 2021 is \$83,791.11.

FUNDING DETAIL:

Fund:	4010	Water Fund
Organization/Activity:	31010	O. N. Stevens Water Treatment Plant
Mission Element:	062	Treat Water
Project # (CIP Only):	N/A	
Accounts:	530215	Maint & Repairs-contracted

RECOMMENDATION:

Staff recommends approval of the motion authorizing a three-year supply agreement with Carbonfilt, LLC as presented.

LIST OF SUPPORTING DOCUMENTS:

Bid Tabulation
Supply Agreement