



CITY OF HENDERSONVILLE AGENDA ITEM SUMMARY

SUBMITTER: Devin Owen, Utilities Engineer **MEETING DATE:** January 4, 2024
AGENDA SECTION: Consent Agenda **DEPARTMENT:** Utilities
TITLE OF ITEM: Sole Source Justification of Filter Underdrain, Air Scour, and Valve Actuator Equipment for the Water Treatment Facility 15-mgd Filter Expansion Project –
Devin Owen, Utilities Engineer

SUGGESTED MOTION(S):

I move City Council adopt the *Resolution by the City of Hendersonville City Council to Authorize the Sole-Source Selection of Filter Underdrain, Air Scour, and Valve Actuator Equipment for the Water Treatment Facility 15-mgd Filter Expansion Project* as presented.

SUMMARY:

The City owns and operates a water treatment facility (WTF) that has a permitted capacity of 12 million gallons per day (mgd). Due to the current and projected future water demand, the City has begun designing an expansion to their WTF filters which will increase the capacity of the facility to 15-mgd. This involves the addition of a fifth dual-media filter system and associated piping, instrumentation, and appurtenances. The existing four (4) dual-media filter systems all utilize filter underdrains and air scour equipment manufactured by Roberts Filter Group, as well as valve actuators by AUMA Actuators, Inc.

NCGS 143-129(e) lists the authorized exceptions to the formal bid procedures. NCGS 143-129(e)(6) allows for purchases of apparatus, supplies, materials, or equipment to be purchasing using sole-source exception when: (i) performance or price competition for a product are not available; (ii) a needed product is available from only one source of supply; or (iii) standardization or compatibility is the overriding consideration. The governing board of a political subdivision of the State shall approve the purchases listed in the preceding sentence prior to the award of the contract.

In this case, Utility Staff and project engineer, Hazen and Sawyer, D.P.C. are requesting to standardize on Filter Underdrain, Air Scour, and Valve Actuator equipment by asking that Council approve the sole source purchases of “Wheeler Bottom” Filter Underdrain and “Aries” Air Scour systems by Roberts Filter Group. As well as Motor-Actuated Butterfly Valve equipment by AUMA Actuators, Inc. This equipment has outperformed expectations in the years that it has been implemented at the WTF, and the standardization of such equipment will allow for the consolidation for spare parts inventory and tools as well as leverage existing operation and maintenance knowledge.

BUDGET IMPACT: N/A

Is this expenditure approved in the current fiscal year budget? Project is funded through a CPO.

If no, describe how it will be funded.

ATTACHMENTS:

Resolution

Sole-source Justification letter from Hazen and Sawyer, D.P.C.