



City of Denton

City Hall
215 E. McKinney Street
Denton, Texas
www.cityofdenton.com

AGENDA INFORMATION SHEET

DEPARTMENT: Procurement
ACM: Christine Taylor
DATE: February 18, 2025

SUBJECT

Consider adoption of an ordinance of the City of Denton, a Texas home-rule municipal corporation, authorizing the City Manager to execute a contract with C&C Environmental Services, Inc., for the installation of new filter media and to perform inspections of all filters for underdrain systems 1 through 3, and 5 through 15 at the Lake Lewisville Water Treatment Plant for the Water Production Department; providing for the expenditure of funds therefor; and providing an effective date (RFP 8698 – awarded to C&C Environmental Services, Inc., in the not-to-exceed amount of \$1,500,000.00). [The Public Utilities Board recommends approval \(6 - 0\).](#)

STRATEGIC ALIGNMENT

This action supports Key Focus Area: Enhance Infrastructure and Mobility.

INFORMATION/BACKGROUND

The Water Production Treatment Facilities utilize large filters to clean and produce high quality water as a key part of the treatment process. Filters typically are constructed of a box-like structure, containing sand, granular activated carbon (GAC), and an underdrain. The media acts as a barrier against suspended particles in the water, and the underdrain serves to collect the filtered water for the next process.

The Lake Lewisville Water Treatment Plant (LLWTP) recently advertised a request for a proposal for a vendor to perform the installation of new filter media and to perform inspections of the underdrain systems for all filters, except filters number 4 and 16. The LLWTP has 16 filters and during the higher demand of the summer months, all filters need to be available to operate so the repair of this filter during the lower demand of the winter months is the best time for this work. In 2023, Filter #4 was placed out of service due to turbidity issues and media loss. After a representative of the underdrain system inspected the filter, it was determined that at least one of the filter's lateral gaskets had failed which caused the loss of the filter media. Considering the age of the filter media, quality control tests were performed recommending replacement with new media coinciding with the underdrain system repair. In 2024, filter #16 experienced the same issue while the repair of filter #4 was ongoing. Due to the higher demand in the summer, the repair was deemed critical, and a Declaration of Emergency was issued to repair the underdrain system and replace the media.

Without action, the treatment plant will have a significant reduction in maximum treatment if another filter or more is placed out of service due to failure. After consideration of the two filter occurrences of failure within the same year of each other extensive control tests on the existing media particles were performed

on all filters recommending replacement with new media while performing underdrain system inspections from the underdrain manufacturer.

Service/Materials	Cost Each	Quantity	Total
Removal, filter floor repair, and re-installation of underdrains.	\$30,500	14	\$427,000
AWI Site Visits, Inspections, and Reports	8,300	14	116,200
New filter media and installation	57,900	14	810,600
Contingency			146,200
Total:			\$1,500,000

Request for Proposals was sent to 537 prospective suppliers, including eighteen Denton firms. In addition, specifications were placed on the Procurement website for prospective suppliers to download and advertised in the local newspaper. Two (2) proposals were received, references were checked, and proposals were evaluated based upon published criteria including delivery, compliance with specifications, probable performance, and price. Best and Final Offers (BAFO) were requested from all firms. Based upon this evaluation, C&C Environmental Services, Inc. was ranked the highest and determined to be the best value for the City.

	936 -(Service Only)-Equipment Maintenance and Repair Services for General Equipment & 968 -(Service Only)-Public Works and Related Services
NIGP Code Used for Solicitation:	
Notifications sent for Solicitation sent in IonWave:	537
Number of Suppliers that viewed Solicitation in IonWave:	17
HUB-Historically Underutilized Business Invitations sent out:	61
SBE-Small Business Enterprise Invitations sent out:	170
Responses from Solicitation:	2

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On February 10, 2025, the Public Utilities Board (PUB) recommended this item to the City Council for consideration.

RECOMMENDATION

Award a contract to C&C Environmental Services, Inc., for the installation of new filter media and to perform inspections of all filters for underdrain systems 1 through 3, and 5 through 15 at the Lake Lewisville Water Treatment Plant for the Water Production Department, in the not-to-exceed amount of \$1,500,000.

PRINCIPAL PLACE OF BUSINESS

C&C Environmental Services, Inc.
Portsmouth, OH

ESTIMATED SCHEDULE OF PROJECT

This project will be started upon approval and shall remain effective for a period that may reasonably be required for the completion of the project.

FISCAL INFORMATION

These services will be funded from a combination of the accounts listed below:

LLWTP Filter Media Replacement	630554523.1365.40100	\$1,020,000.00
LLWTP Filter Media Replacement	630554517.1365.40100	\$338,000.00

Requisition #169060 has been entered into the Purchasing software system in the amount of \$1,353,800. The budgeted amount for this item is \$1,500,000.

EXHIBITS

Exhibit 1: Agenda Information Sheet

Exhibit 2: Pricing Evaluation

Exhibit 3: Ordinance and Contract

Respectfully submitted:
Lori Hewell, 940-349-7100
Purchasing Manager

For information concerning this acquisition, contact: Trevor Heskett, 940-349-7627.

Legal point of contact: Marcella Lunn at 940-349-8333.