

## A G E N D A



## Recommendation for Council Action (Purchasing)

Austin City Council	Item ID:	18496	Agenda Number	67.
---------------------	----------	-------	---------------	-----

Meeting Date:	September 27, 2012
---------------	--------------------

Department:	Purchasing
-------------	------------

## Subject

Authorize award, negotiation, and execution of a contract with CDM SMITH, INC., or one of the other qualified offerors to RFP No. STA0010 for the analysis and assessment of various City Ordinances, Codes and other regulations related to auxiliary waters for the Austin Water Utility in an estimated amount not to exceed \$110,978, with an optional "Design and Construction Manual" for an estimated amount not to exceed \$21,512, for a total estimated contract amount not to exceed \$132,490.

## Amount and Source of Funding

Funding in the amount of \$110,978 is available in the Fiscal Year 2012–2013 Operating Budget of the Austin Water Utility. Funding for the extension option is contingent upon available funding in future budgets.

## Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

Purchasing Language:	Best evaluated proposal received.
----------------------	-----------------------------------

Prior Council Action:	
-----------------------	--

For More Information:	Steve Aden, Corporate Purchasing Manager /972-4040.
-----------------------	---

Boards and Commission Action:	Recommended by Water and Wastewater Commission.
-------------------------------	---

MBE / WBE:	This contract will be awarded in compliance with Chapter 2-9C of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.
------------	---

Related Items:	
----------------	--

## Additional Backup Information

The City of Austin is in a semi-arid area with limited water resources. Austin Water, the City's municipally owned water utility has strong water protection, water conservation and reclaimed water programs. However, currently required cross-connection protections add to project cost for reclaimed, graywater, rainwater and other auxiliary water systems, and may in some cases deter potential auxiliary water uses. At the same time, there is limited understanding among the public, including some advocates of auxiliary water uses, about cross connection hazards, installation requirements and long-term maintenance responsibilities. The purpose of the assessment is to evaluate current cross-connection protections and other auxiliary water regulations required by the City of Austin and the State of Texas, and provide a list of recommended changes to City Ordinances and Codes intended to facilitate the adoption of auxiliary water use without compromising public health protection or violating State requirements.

Anticipated services, as described in the RFP solicitation, include:

1. Review EPA and AWWA (American Water Works Association) guidance documents on backflow prevention and cross connection control as it relates to the use of auxiliary waters;
2. Review of state regulations, in Arizona, California, Florida, Texas and other states or countries determined in consultation between the consultant and Austin Water staff. The review will pertain to auxiliary water use by public water systems with careful attention to: applicable treatment standards for reclaimed water; water distribution system requirements (e.g., separation requirements; piping color; policy on replacement of existing pipe when converting existing potable irrigation systems to reclaimed, etc.); dispersion restrictions (e.g., spraying vs. in ground irrigation); cross connection prevention requirements; and history/record in regard to public health and safety, in particular cross connections.
3. Review and summarize typical municipal requirements pertaining to potable water customers using auxiliary waters;
4. Review various plumbing codes with the understanding that any recommendations must conform with rules and laws of the State of Texas or note that implementation would require a change in state law
5. Based on findings of best practices from the researched communities and Austin, consider and propose changes to the City of Austin's Cross-Connection Regulations (Chapter 15-1), Plumbing Code (Article 6, *Plumbing Code*, Chapter 25-12, *Technical Codes*), Reclaimed Water Ordinance (Article 4, *Reclaimed Water*, Chapter 25-9, *Water and Wastewater*), and Utilities Criteria Manual (Section 2, *Water, Reclaimed Water and Wastewater Criteria*) to promote the use of auxiliary water use without compromising public health protection;
6. Research and identify potential risks to public health or the public potable water system associated with any recommendations;
7. Make recommendations on staffing and resources required to implement and enforce the recommended code changes; and
8. In conjunction with staff, make presentations to various City of Austin Boards and Commissions regarding potential code changes.

**DELIVERABLE PRODUCTS, AT A MINIMUM:**

1. Report of Analysis and Findings
2. Summary of proposed Code and Ordinance Changes, with the summary being split between residential, and commercial/industrial proposals
3. Summary of detailed risk analysis to assure that public health will not be compromised
4. Summary of additional staff and resource needs
5. The Codes and Ordinances delivered in legislative format to show all additions, deletions, and modifications

The optional "Design and Construction Manual" is meant to facilitate the installation and maintenance of auxiliary water systems in compliance with all recommended code requirements and amendments stemming from this study. This manual will include examples of correct system installations using the various auxiliary water supplies in conjunction with various

water use applications (landscape irrigation, toilet flushing, etc., as installed with and without city water backup). This manual will also include step by step instructions for creating plans; submitting them for review; obtaining required permits; performing installations; allowing required inspections; obtaining certificates of occupancy; and operating and maintaining such systems successfully on an ongoing basis.

MBE /WBE solicited: 10/8

MBE /WBE responded: 0/0

#### **PRICE ANALYSIS**

- a. Adequate competition.
- b. One hundred ninety-two notices were sent, including 10 MBEs and 8 WBEs. Five proposals were received, with no response from MBE or WBE Firms. There were two "No Proposal" reply forms submitted.
- c. This is the first purchase of its type; therefore, there is no pricing history available.

#### **APPROVAL JUSTIFICATION**

- a. Best evaluated proposal received.
- b. The Purchasing Office concurs with the Austin Water Utility's recommended award.
- c. Advertised in the Austin American-Statesman and on the Internet.