



Legislation Details (With Text)

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On agenda:	7/21/2015	Final action:			
Title:	Resolution Approving Contract in the Amount of \$174,900 with Hazen and Sawyer, PC for the 2015 Water Distribution Model Update and Insurance Services Office Rating Project				
Sponsors:					
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Attachments:	1. Agenda 150721 H&S 2015 Water Modeling Supplemental Agreement.pdf, 2. Agenda 150721 Water System Model Proposal.pdf, 3. H&S SEC State.pdf, 4. 15-0566 Reso..pdf				

Date	Ver.	Action By	Action	Result
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Resolution Approving Contract in the Amount of \$174,900 with Hazen and Sawyer, PC for the 2015 Water Distribution Model Update and Insurance Services Office Rating Project

Department: Water Resources
Council District: All

Public Hearing: N/A
Advertising Date/By: N/A

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Contact 2 and Phone: Mike Borchers, 373-2494

PURPOSE:

Water Resources is requesting approval of a contract with Hazen and Sawyer, PC in order to update the City's water distribution hydraulic model to determine and map available fire flows, and revise the Department's water system master plan. City Council approval of a contract with Hazen and Sawyer, PC in the amount of \$174,900.00 is requested.

BACKGROUND:

Water Resources Department utilizes a water distribution modeling program in part to support the capital improvement program and the development review process through the identification of system (flow and pressure) capabilities and restrictions. In order to maintain the relevancy of the model Hazen and Sawyer has been tasked with updating the City's hydraulic model, map available fire flow and assist with revising the Department's water system master plan. At the conclusion of this project the City will have the data to help improve its Insurance Services Office (ISO) fire suppression rating, update water demand projections and adjust future capital improvement planning.

Hazen and Sawyer, PC originally developed the City's hydraulic model and provides modeling support services on projects associated with the model's findings. The project team with Hazen and Sawyer, PC has worked on projects tied to the City's distribution system for over fifteen years and has extensive knowledge of the system. Due to the sensitive nature, complexity, the intimate knowledge required of the City's distribution system and considering the work cannot be divided into economically feasible units a waiver to the M/WBE plan was requested and granted.

BUDGET IMPACT:

Funding for this \$174,900 contract is budgeted in the following Water Resources Operating Budget accounts: 501-7081-01.5413 in the amount of \$100,000; 501-7023-01.5413 in the amount of \$74,900.

RECOMMENDATION / ACTION REQUESTED:

The Water Resources Department recommends approval of the contract with Hazen & Sawyer, PC for water distribution system modeling in the amount of \$174,900.