

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: December 8th 2010

Board Item: V-A-7

**Irrigation Efficiency - Demand Side Management Agreement with Southpark
Homeowners Association Number 2
Contract No. 13378A**

Action by Consent

Action

Information

Southpark Homeowners Association Number 2 (Southpark HOA) is participating in Denver Water's Demand Side Management Irrigation Efficiency Program. Southpark HOA is located in Littleton and consists of 548 townhome units within 99 buildings. The Association is responsible for irrigating approximately 18.25 acres of common space. Through the Irrigation Efficiency program, Denver Water is offering payments of \$7,000 for each acre-foot of savings. Payments calculated based on annual savings and prorated over 5 year contract to ensure sustainability of project.

To participate in this program, Southpark HOA must implement the following water efficiency measures to reduce irrigation consumption:

- Replace all existing irrigation controllers (34 controllers) with weather-based irrigation controllers & rain sensors
- Retrofit approximately 2000 fixed spray heads with matched precipitation rotary nozzles to improve distribution uniformity and reduce runoff, as well as replace impact rotor heads with more efficient gear-driven rotor heads.
- Replace failing irrigation lateral lines that are past their useful life

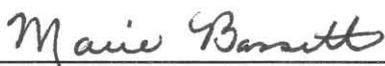
Estimated water savings potential for this contract is approximately 11 acre feet of water annually. Total potential payment to Southpark HOA is not to exceed \$104,600.00, including up to \$77,000.00 in efficiency payments, and up to \$27,600.00 in rebate payments for eligible products and services. Contract will expire March 1st, 2016

This item is a budgeted expense under the Master Plan Code 4EA0021 and funds are available.

Recommendation:

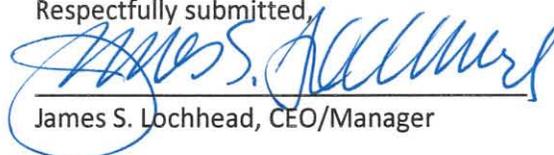
It is recommended that the Board approve contract No. 13378A for an amount not to exceed \$104,600.00.

Approvals:

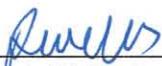


Marie Bassett, Director of Public Affairs

Respectfully submitted,



James S. Lochhead, CEO/Manager



Patricia L. Wells, General Counsel