

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: August 14, 2013

Board Item: V-E-4

Irrigation Efficiency Agreement with Denver Housing Authority

Contract # 15071A

Action by Consent

Action

Information

Denver Water has an irrigation efficiency program that focuses on large irrigators such as school districts, parks systems and government agencies, to assist them in reducing their water consumption through irrigation system efficiency improvements and replacement of turf with waterwise landscaping. This Irrigation Efficiency Agreement is for four Denver Housing Authority sites that provide homes for 2,400 people. These sites include: Columbine Homes, North Lincoln Homes, Quigg Newton Homes and Westridge Homes.

DHA will retrofit major irrigation system components including: new high efficiency irrigation heads, weather-based smart controllers with rain sensors and master valves with flow sensing. Two sites (Westridge and North Lincoln), DHA will convert 7 acres of turf to lower water use landscapes. All of these changes will be complete prior to the 2014 irrigation season. In 2014, DHA may convert an additional 11 acres of turf at the other two sites (Quigg Newton and Columbine Homes).

Estimated upfront cost to DHA (maximum expected): \$1.4 million
Estimated annual water savings: 43.8 acre feet
Contract not to exceed: \$262,724.00

Through this Agreement, Denver Water provides an incentive of \$6,000 per acre foot of water saved, not to exceed 50% of the customer's total project costs. Payments are only made if water savings are achieved and are prorated over a three year period for measured water savings. First year of measured water savings is 2014, with first payment made in and budgeted for the first quarter of 2015.

Recommendation:

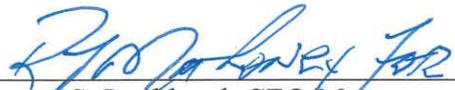
It is recommended that the Board approve the Agreement for an amount not to exceed \$262,724.00

Approvals:

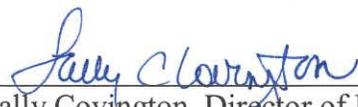
Respectfully submitted,



Patti Wells, General Counsel



James S. Lochhead, CEO/Manager



Sally Covington, Director of Public Affairs



Terri Bryant, Controller 8/5/13