

AGENDA

Denver Board of Water Commissioners

Denver Water Administration Building
1600 West 12th Avenue
Denver, CO
Board Room, Third Floor

Wednesday, September 28, 2016 9:00 a.m.

I. INTRODUCTORY BUSINESS

A. Call to Order and Determination of Quorum

B. Public Comment and Communications

At this point in the agenda, the Board may allow members of the public to address the Board on any item of interest within the jurisdiction of the Board, and not on the agenda for action. Speakers wishing to address a specific Action Item will be invited to address the Board when the item is being considered. Three minutes are allowed for each person unless the President determines otherwise.

1. Distributor Communications
2. Citizen Advisory Committee Communications

C. Ceremonies, Awards and Introductions

II. ACTION ITEMS

A. Consent Items

Items listed below are considered routine and may be enacted by one motion and vote. If any Board member desires discussion beyond explanatory questions, or corrections to the Minutes, the President may order that item to be considered in a separate motion and vote.

1. Treated Water Planning Study – Contract 16832A
2. Snow Removal and Ice Management – Contract 16725A
3. Agreement with Habcon Services for Toilet Cleaning Services at Outlying Areas - Contract 16877A
4. Contract Payment to Mitigate Dewatering of Irrigation and Domestic Wells at Lupton Lakes – Contract 16682A
5. Annual Contracts Scheduled to Renew and/or Require Additional Funding in the Fourth Quarter of 2016

B. Individual Approval Item

- | | | |
|---|--------------|------------|
| 1. Approval of Budget for 2017 Medical and Dental Costs | Liz Martinez | 15 minutes |
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III. POLICY MATTERS

- | | | |
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| A. OCR Report | Jeremy Ross | 10 minutes |
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IV. EXECUTIVE UPDATE

A. CEO Update

B. CFO Update

- | | | |
|---------------------------------------|-----------------|------------|
| 1. Monthly Financial Report - 8/31/16 | Angela Bricmont | 10 minutes |
| 2. Preliminary Financial Plan | Todd Cristiano | 10 minutes |

C. Operations Update

V. BRIEFING PAPERS & REPORTS

A. Briefing Paper

B. Report

VI. INFORMATION ITEMS

- A. Update on Contracts for the Strontia Springs Dam Emergency Reservoir Drainage System (ERDS) Rehabilitation

VII. ADJOURNMENT

VIII. TRUSTEE MATTERS

IX. EXECUTIVE SESSION

The Board may adjourn the regular meeting and reconvene in executive session on topics authorized by C.R.S. Sec. 24-6-402 or D.R.M.C Sec. 2-34.

- A. Confidential Report § 24-6-402(4)

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: September 28, 2016

Board Item: II-A-1

Treated Water Planning Study Contract #16832A

Action by Consent

Individual Action

Summary:

Staff recommends that the firm HDR Engineering, Inc. (HDR) be retained to conduct the 2016 Treated Water Planning Study (TWPS). The last comprehensive TWPS was completed in 2010 by Black & Veatch, and focused heavily on the impact to the transmission and distribution system of relocating Moffat Treatment Plant to the Ralston site. This study will include new maximum day demand projections, an updated hydraulic model, and an evaluation of distribution facilities, under the assumption that the new treatment plant is located at the Ralston site. The first part of the TWPS will evaluate the facilities needed to provide for the service area under various Planning Futures, provided by the Integrated Resource Plan (IRP), that assume all 3 water treatment plants are in service. The second part of the study will be to evaluate various IRP Planning Futures with Foothills Treatment Plant out of service during a high demand period. This information will enable the Board to make informed decisions about the level of risk and reliability for which to plan.

The TWPS will require significant input from staff in Planning, Operations, and Engineering. The consultant will use Denver Water's most recent all-pipes hydraulic model to simulate the transmission and distribution system under various critical conditions. HDR will also use extended period simulation (EPS) modeling to check operations and water quality. This study will also examine energy use and attempt to optimize pump station operations.

Budget Information:

The total amount of this contract is \$622,794.00, and the term of the contract is September 28, 2016 to February 28, 2018. Funds for this service/contract will come from the 2016 budget for 1005070000 which has sufficient funds to pay the \$100,000.00 estimated to be needed in 2016. The remaining \$522,794.00 will be budgeted in years 2017 and 2018.

Selection of Business Partner:

HDR was selected from a competitive bid process. 4 consulting firms were notified via email that the Request for Proposals (RFP) was live on the Denver Water website, and 3 firms responded: HDR, AECOM, and Black & Veatch. HDR is currently working on the Water Quality Model and Study for Planning, which is expected to be complete in the next couple of months.

S/MWBE Information:

A non-mandatory 5% Minority and Women Owned Business and/or Small Business Enterprise participation goal was set for this project. HDR achieved this goal by using subconsultants CitiLogics (1%), an SBE, and WaterPlans (21.2%), an MWBE.

Recommendation:

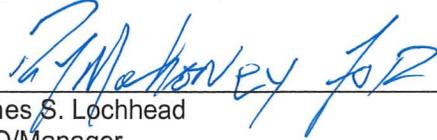
It is recommended that the Board approve Contract #16832A with HDR Engineering, Inc. for the 2016 Treated Water Planning Study for the contract period September 28, 2016 through February 28, 2018 for a total contract amount not to exceed \$622,794.00.

Approvals:



Mike King
Chief Planning Officer

Respectfully submitted,



James S. Lochhead
CEO/Manager



Angela Bricmont
Chief Financial Officer

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: September 28, 2016

Board Item: II-A-2

Snow Removal and Ice Management Contract # 16725A

Action by Consent

Individual Action

Summary:

Denver Water contracts for snow removal and ice management for the Westside Campus and the Quivas building and will pilot snow removal and ice management services at Foothills Treatment Plant to maintain safe parking lots, roadways and walkways. The pilot at Foothills Treatment Plant will allow staff to focus on work related to delivery of water, rather than maintaining the grounds around the plant.

Budget Information:

The total amount of this contract is \$234,000.00, and the term of the contract is October 1, 2016 to September 30, 2019. Funds for this service/contract will come from the 2016 budget for Grounds Maintenance, which has sufficient funds to pay the \$19,500.00 estimated to be needed in 2016. The remaining \$214,500.00 will be budgeted in years 2017, 2018 and 2019.

Selection of Business Partner:

In June 2016, Denver Water issued a Request for Proposal (RFP) for snow removal and ice management services via the Denver Water public website, Rocky Mountain E-Purchasing System (BidNet), through direct email to the SBE/M/WBE chambers e-mail List, and directly called the City of Denver's MWBE membership registry for this service. Denver Water only received two bid proposals, one of which was an SBE however they were not selected.

Snow removal is a covered spend category under Denver Water's Covered Goods and Services MWBE program. The Contractor selection was based on experience, MWBE status, ability to meet work requirements, professional references, equipment and facilities, and price.

S/MWBE Information:

For 2016 O&M has set an overall 15% target for MWBE participation in contracts.

Recommendation:

It is recommended that the Board approve Contract #16725A with BrightView Landscape Services, Inc. for snow removal and ice management for the contract period October 1, 2016 to September 31, 2019 for a total contract amount not to exceed \$234,000.00.

Approvals:



Thomas J. Roode
Chief Operations Maintenance Officer

Respectfully submitted,



James S. Lochhead
CEO/Manager



Angela Brimont
Chief Financial Officer

Denver Water aspires to be the best water utility in the nation.

Integrity :: Vision :: Passion :: Excellence :: Respect



DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: September 28, 2016

Board Item: II-A-3

Toilet Cleaning Services at Outlying Areas Agreement with Habcon Services, Inc.

Contract # 16877A

Action by Consent

Individual Action

Summary:

Denver Water Recreation provides vault toilets at the majority of our facilities for the convenience of public users. Cleanings of these vault toilets are performed on a weekly basis (high season) and biweekly (low season) to insure a clean and safe recreational experience for our users. Contract 16877A covers the cleaning of a total of 25 vault toilets between Gross Reservoir, Waterton Canyon\Kassler, Cheesman Reservoir and the S. Platte River from Deckers to Buffalo Creek.

Budget Information:

The total amount of this contract is \$295,000.00, and the term of the contract is October 1, 2016 to September 30, 2021. Funds for this service/contract will come from the 2016 budget for Recreation Contract Services, which has sufficient funds to pay the \$15,000.00 estimated to be needed in 2016. The remaining \$ 280,000.00 will be budgeted in years 2017, 2018, 2019, 2020 and 2021.

Selection of Business Partner:

In May 2016, Purchasing issued a Request for Information to search for the availability of contractors in the Front Range and mountain areas to provide cleaning of double and single vault toilets. Since these areas are geographically diverse, availability of Contractors to do the work is limited. Purchasing found only one Contractor to do the work, Habcon Services, Inc.

A sole source waiver was submitted to Purchasing for review and approval, listing Habcon Services, Inc. as a sole source provider.

S/MWBE Information:

The MWBE Covered Goods and Services 2016 target is 5% and the Small Business Enterprise target is 12%. Habcon Services Inc. is a Small Business Enterprise and 100% of this award will support the SBE 2016 target.

Toilet cleaning services is a covered spend category under Denver Water's Covered Goods and Services MWBE program.

Recommendation:

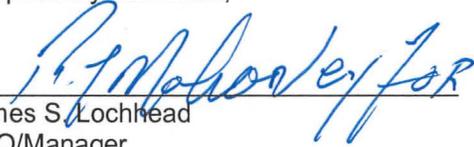
It is recommended that the Board approve Agreement 16877A with Habcon Services, Inc. for vault toilet cleaning services for the contract period October 1, 2016 to September 30, 2021 for a total contract amount not to exceed \$295,000.00.

Approvals:



Brian D. Good
Chief Administrative Officer

Respectfully submitted,



James S. Lochhead
CEO/Manager



Angela Brimont
Chief Financial Officer

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: September 28, 2016

Board Item: II-A-4

Contract Payment to Mitigate Dewatering of Irrigation and Domestic Wells at Lupton Lakes Contract #16682A

Action by Consent

Individual Action

Summary:

Denver Water entered into a Joint Use Agreement dated September 29th, 2006 (Contract 10558B) with Bromley Mineral Holdings, LLC ("Bromley") to facilitate their individual and mutual interests in property in the Lupton Lakes area. Under paragraph 3 of that Agreement, Denver Water assumed certain obligations of a Gravel Property Lease with Martin Marietta Materials ("Martin") dated June 2nd, 2005. Paragraph 6 of the Gravel Lease requires Denver Water to mitigate injury to water rights of others, including offsite injury due to dewatering during mining.

Martin has been, and continues, mitigating the dewatering of offsite wells. Previously, Martin withheld the costs of doing so from mining royalty payments owed to Bromley. In December 2015, the Board authorized reimbursement of Bromley for the withheld royalties under contract #10558B through November 2015. Martin has continued to incur costs to mitigate offsite injury due to dewatering during mining. This contract is to reimburse Martin directly for costs incurred during the contract period from December 1, 2015 through May 31, 2018. Through August of 2016, Martin has incurred approximately \$52,000 in costs. Total costs for offsite mitigation in 2016 are not expected to exceed \$100,000. The total contract is for \$300,000.

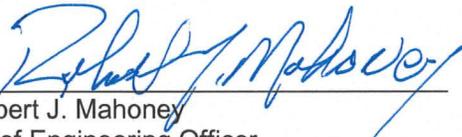
Budget Information:

The total amount of this contract is \$300,000, and the term of the contract is December 1, 2015 to May 31, 2018. Funds for this contract will come from the Lupton Lakes Development budget, which has sufficient funds to pay the estimated costs in 2016 and the remaining funds will be budgeted in years 2017 and 2018.

Recommendation:

It is recommended that the Board approve Contract 16682A with Martin Marietta Materials, Inc. for reimbursement of costs incurred to mitigate offsite impacts to wells for the contract period December 1, 2015 through May 31, 2018 for a total contract amount not to exceed \$300,000.

Approvals:



Robert J. Mahoney
Chief Engineering Officer

Respectfully submitted,



James S. Lochhead
CEO/Manager



Mike King
Chief Planning Officer



Angela Briemont
Chief Financial Officer

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 28, 2016

Board Item: II-A-5

Annual Contracts Scheduled to Renew and/or Require Additional Funding in the 4th Quarter of 2016

Action by Consent

Individual Action

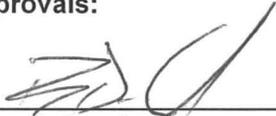
Summary:

Denver Water has a number of contracts that renew on an annual basis, some of which require additional funding for the following contract year. Contract administrators have determined that the contracts described in the attachments continue to be of value and are necessary to the operation of Denver Water and were originally procured following our procurement policy at the time of the contract. The original terms and conditions of these contracts remain unchanged. However, for the coming year the contracts require additional funding of more than \$100,000 or additional funding that will cause the total contract expenditures to exceed \$100,000.

Recommendation:

It is recommended that the Board approve the additional funding indicated for each of the contracts described in the attached Authorizations for Additional Contract Funds.

Approvals:



Brian D. Good
Chief Administrative Officer

Respectfully submitted,



James S. Lochhead
CEO/Manager



Angela Bricmont
Chief Financial Officer

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: September 28, 2016

Board Item: VI-A

Update on Contracts for the Strontia Springs Dam Emergency Reservoir Drainage System (ERDS) Rehabilitation

Action by Consent

Information

Background:

The Strontia Springs Dam and Reservoir is located on the South Platte River in Waterton Canyon upstream of Chatfield Reservoir. The dam is a 299-foot high concrete dam that diverts water from the South Platte River to the Foothills Water Treatment Plant and it also releases water to the South Platte River which is diverted downstream at the Conduit No. 20 Diversion Dam to the Marston Water Treatment Plant. The City of Aurora also has an intake tower for their water supply in the reservoir. Water is also released from the Strontia Springs Reservoir to maintain stream flow requirements in the South Platte River. At the bottom of the Strontia Springs Dam is a 4-foot by 4-foot steel lined outlet channel called the Emergency Reservoir Drainage System (ERDS). The ERDS channel is controlled by two bonneted gate valves and contains a hydropower turbine branch. The purpose of the ERDS is to sluice the sediment from the reservoir and to allow the reservoir to be fully drained, as well as supply water to the hydropower unit.

Currently, the ERDS is inoperable with one of the bonneted gate valves failed in the closed position. The inoperability of the ERDS presents an operational and dam safety issue since sediment is accumulating at the inlet to the ERDS, partially blocking the inlet, and the reservoir cannot be fully drained in the event draining is necessary. This project will fully refurbish the ERDS and its associated valves to restore its condition to a like new state and return operability of the system to the original condition.

The Board approved the \$4,150,000 project budget on March 9, 2016.

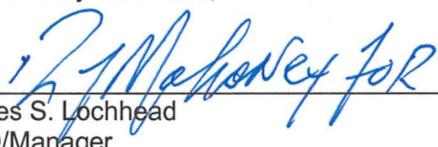
Summary:

This Board Item is being presented to update the Board on how the approved 2016 project budget of \$4,150,000 is being spent to accomplish the goal of this project to fully restore the ERDS. The attached Exhibit A table shows the contracts that have been executed on this project to date and the remaining Contracts anticipated for 2016.

Approvals:


Robert J. Mahoney
Director of Engineering

Respectfully submitted,


James S. Lochhead
CEO/Manager