

# AGENDA

## Denver Board of Water Commissioners

Denver Water Administration Building  
1600 West 12<sup>th</sup> Avenue  
Denver, CO  
Board Room, Third Floor

**Wednesday, October 26, 2016 9:00 a.m.**

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### 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

1. Dr. Sandra Haynes and Tom Cech

### 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. Contract 16813A Tabulation of Bids for Gas Detector Calibration and Maintenance
2. Contract 12985A First Contract Amendment to Grand County Sheriff's Patrol
3. Contract 04394A Amendment to 1992 Clinton Reservoir – Fraser River Agreement
4. Ratification of Amendments to Non-Construction Contracts
5. Contract 16847A Power Wheeling Agreement Renewal between Intermountain Rural Electric Association and Denver Water for Foothills
6. Contract 16848A Power Wheeling Agreement Renewal between Intermountain Rural Electric Association and Denver Water for Roberts Tunnel



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: October 26, 2016

Board Item: II-A-1

## Tabulation of Bids - Gas Detector Calibration and Maintenance Contract # 16813A

Action by Consent

Individual Action

### Summary:

Denver Water has environments where employees and the public could be exposed to dangerous chemicals/vapors. Denver Water uses fixed and portable equipment to accurately monitor these environments and to ensure the safety of our employees and the public. The purpose of this contract is to ensure Denver Water's gas detectors are properly calibrated, maintained and inspected.

### Budget Information:

The contract for this service was last awarded in 2012 to Safeware Inc., and the contract was most recently extended until the end of October 2016. The average annual spend has been approximately \$68,000. The requested total amount of this contract is \$210,000 and the term of the contract will be three years. Funds for this contract are included in the 2016 budget and the remaining amounts will be budgeted in years 2017, 2018 and 2019.

### Selection of Business Partner:

Denver Water issued a request for proposal (RFP) to the public on the Rocky Mountain E-Purchasing System (BidNet), Denver Water's website, and notified the SBE and MWBE community. Denver Water received three proposals, one was an SBE and none were MWBE. Safety Equipment Co. dba Essential Safety was selected based on Service Level, Proposers Gas Detector Maintenance Program, References and Experience, Understanding of Work and Price.

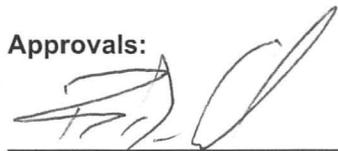
### S/MWBE Information:

Safety Equipment Co. dba Essential Safety Products is an SBE.

### Recommendation:

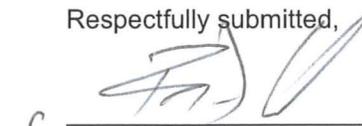
It is recommended that the Board approve Agreement 16813A with Safety Equipment Co. dba Essential Safety Products for the maintenance and calibration of gas detectors for the contract period October 26, 2016 through September 30, 2019 for a total contract amount not to exceed \$210,000.00.

### Approvals:



Chief Administrative Officer  
Brian Good

Respectfully submitted,



for James S. Lochhead  
CEO/Manager



Angela Brimont  
Chief Finance Officer

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 26, 2016

Board Item: II-A-2

## First Contract Amendment to Grand County Sheriff's Patrol Contract # 12985A

Action by Consent

Individual Action

### Summary:

In June, 2011 the Grand County Sherriff's Department and the Board entered into a 5-year agreement (12985A) for the Grand County Sheriff to provide additional patrols at Williams Fork Reservoir. These patrols provide a tremendous law enforcement presence for us at Williams Fork.

Denver Water and the Sheriff wish to extend the terms and conditions of agreement 12985A for one year.

### Budget Information:

Business Unit 1004503200 (Recreation Contract Services) has funding programmed to cover this expense.

### Recommendation:

It is recommended that the Board approve the First Amendment with the Grand County Sheriff for patrol services at Williams Fork Reservoir for one (1) year in the amount of \$20,000 bringing the total contract amount to \$120,000.

### **Approvals:**

Respectfully submitted,



Brian D. Good  
Chief Administrative Officer



for James S. Lochhead  
CEO/Manager



Angela Brimont  
Chief Finance Officer

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 26, 2016

Board Item: II-A-3

## Amendment to 1992 Clinton Reservoir – Fraser River Agreement

### Contract # 04394 A

Action by Consent

Individual Action

**Summary:** Under Paragraph 9 of the 1992 Clinton Reservoir – Fraser River Agreement, “up to 343 acre feet of water per year may be released from Clinton Reservoir for diversion by the Copper Mountain Ski Area ....” The 343 acre feet was based on the number of Clinton Reservoir snowmaking shares that Copper Mountain owned in 1992. Over time, Copper Mountain has acquired additional Clinton Reservoir snowmaking shares that allow it to divert 530 acre feet of water for snowmaking. As a result, paragraph 9 of the Clinton Agreement should be amended to increase the 343 acre feet to 530 acre feet. This change was approved by the Clinton Ditch & Reservoir Company on August 25, 2016. The amendment is currently being circulated for approval by the several other signatories to the Clinton Reservoir – Fraser River Agreement.

**Budget Information:**

This amendment does not involve any expenditure of funds.

**Recommendation:**

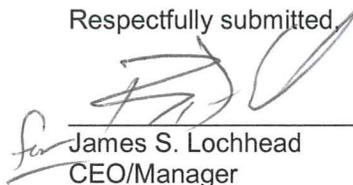
It is recommended that the Board approve the Fourth Amendment to Contract No. 04394 A with Clinton Ditch and Reservoir Company for an increase of snowmaking water for Copper Mountain Ski Area.

**Approvals:**



Mike King  
Chief of Planning

Respectfully submitted,



James S. Lochhead  
CEO/Manager



Patricia Wells  
Office of General Counsel

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 26, 2016

Board Item: II-A-4

## Ratification of Amendments to Non Construction Contracts

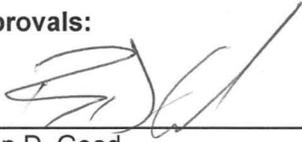
Action by Consent

Individual Action

### Summary:

The attached are Amendments to non-construction contracts for Board ratification for the 3<sup>rd</sup> Quarter of 2016.

### Approvals:

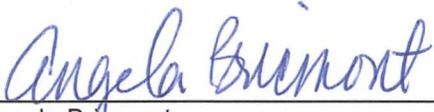


Brian D. Good  
Chief Administrative Officer

Respectfully submitted,



James S. Lochhead  
CEO/Manager



Angela Brimont  
Chief Financial Officer

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 26<sup>th</sup>, 2016

Board Item: II-A-5

## Power Wheeling Agreement Renewal between Intermountain Rural Electric Association and Denver Water Contract # 16847A

Action by Consent

Individual Action

### Summary:

The Intermountain Rural Electric Association (IREA) owns and operates an electric power system in the State of Colorado. Denver Water generates power at the Foothills Water Treatment Plant Hydroelectric facility and wishes to transmit the power to where it will be purchased by Public Service Company of Colorado. This agreement will outline the transmission of power via IREA until March 31, 2027.

### Budget Information:

The total amount of this contract is \$320,533, and the term of the contract is November 1, 2016 to March 31, 2027. The estimated annual funds of \$30,239 for 2017 is budgeted in the 2017 annual budget. The annual amount of \$30,239 will be budgeted each year until 2027.

### Recommendation:

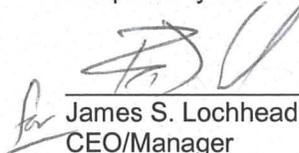
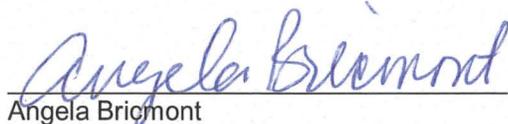
It is recommended that the Board approve Contract 16847A with Intermountain Rural Electric Association for the transmission of generated power from Roberts Tunnel to Public Service Company of Colorado for the contract period between November 1, 2016 and March 31, 2027 for a total contract amount estimated to be \$320,533.

### Approvals:



Michael King  
Chief Planning Officer

Respectfully submitted,

  
James S. Lochhead  
CEO/Manager

Angela Brimont  
Chief Financial Officer

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 26<sup>th</sup>, 2016

Board Item: II-A-6

## Power Wheeling Agreement Renewal between Intermountain Rural Electric Association and Denver Water Contract # 16848A

Action by Consent

Individual Action

### Summary:

The Intermountain Rural Electric Association (IREA) owns and operates an electric power system in the State of Colorado. Denver Water generates power at the Roberts Tunnel facility and wishes to transmit the power to where it will be purchased by Public Service Company of Colorado. This agreement will outline the transmission of power via IREA until March 31, 2027.

### Budget Information:

On average, Roberts Tunnel generates \$372,000 each year in revenue by selling power to Public Service Company of Colorado.

The total amount of this contract is \$319,467, and the term of the contract is November 1, 2016 to March 31, 2027. The estimated annual funds of \$30,138 for 2017 is budgeted in the 2017 annual budget. The annual amount of \$30,138 will be budgeted each year until 2027.

### Recommendation:

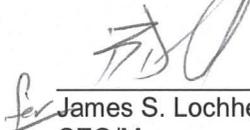
It is recommended that the Board approve Contract 16848A with Intermountain Rural Electric Association for the transmission of generated power from Roberts Tunnel to Public Service Company of Colorado for the contract period between November 1, 2016 and March 31, 2027 for a total contract amount estimated to be \$319,467.

### Approvals:



Michael King  
Chief Planning Officer

Respectfully submitted,



James S. Lochhead  
CEO/Manager



Angela Brimont  
Chief Financial Officer

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 26, 2016

Board Item: II-A-7

## Contract 16575A with Underground Infrastructure Technologies, LLC for 12-Inch Main Extension West Jewell Avenue and South Platte River Drive

Action by Consent

Individual Action

### Summary:

Conduit No. 77 is a 36-inch diameter steel conduit located under South Platte River Drive. When installed, the conduit had an outlet to connect to a main in West Jewell Avenue to allow for looping of the distribution lines. Due to the presence of a BNSF Railroad track crossing on West Jewell Avenue, the main was never connected to the conduit. Currently the 8-inch main dead ends in West Jewell Avenue and requires flushing for water quality purposes.

On October 5, 2016, proposals were received for the 12-Inch Main Extension West Jewell Avenue and South Platte River Drive project. The project connects the dead end main to Conduit No. 77 and includes installation of approximately 200 feet of 12-inch pipe and approximately 70 feet of 30-inch casing under the BNSF Railroad tracks. Due to the site conditions, the casing will be installed about 12 feet deep in claystone bedrock material. The diameter of the main extension accounts for a potential future upsizing of the 8-inch main in Jewell Avenue.

### Budget Information:

The total amount of this contract is for \$295,275, and the term of the contract is from October 26, 2016 to March 31, 2017. The work was originally scheduled and budgeted for completion in 2016 but the majority of Contractors could not meet the schedule. In order to obtain a more competitive bidding environment, the contract time was extended into the first quarter of 2017. The System Managers approved revising the 2017 Capital Improvement Plan forecast to reflect the costs for this project.

### Selection of Business Partner:

Denver Water solicited proposals from three Tunneling Contractors on the Prequalified Contractors List who signed Letters of Intent to Bid. This Contract was a Quality Based Selection proposal process and several tunneling methods were allowed. Proposals were graded on cost, project plan, risk analysis, schedule, and team qualifications. Scoring was done by individuals from Engineering and Mott MacDonald. Underground Infrastructure Technologies, LLC achieved the highest score, with an associated price of \$295,275.

### S/MWBE Information:

*The Minority and Women Business Enterprise (MWBE) goal established for this construction project is 5% participation. Underground Infrastructure Technologies, LLC achieved 20.7% participation.*

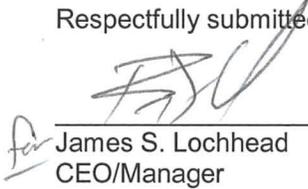
### Recommendation:

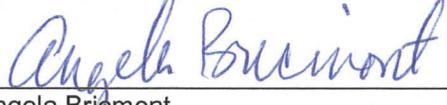
It is recommended that the Board approve Contract 16575A with Underground Infrastructure Technologies, LLC for the 12-Inch Main Extension West Jewell Avenue and South Platte River Drive for the contract period October 26, 2016 to March 31, 2017 for a total contract amount not to exceed \$295,275.

### Approvals:

Respectfully submitted,

  
Robert J. Mahoney  
Chief Engineering Officer

  
James S. Lochhead  
CEO/Manager

  
Angela Brimont  
Chief Finance 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: October 26, 2016

Board Item: II-A-8

## Contract 14063C Ashland Reservoir Tank Replacements Work Package 2

Action by Consent

Individual Action

### Summary:

On October 10, 2012 the Board entered into a contract with Western Summit Constructors, Inc. (WSC) for construction of the Ashland Reservoir Tank Replacements using a Construction Manager-At-Risk (CMAR) delivery method. Under this method, work is released to the CMAR in work packages, which the CMAR generally divides into smaller bid packages. On October 6, 2016, WSC obtained bids for Work Package No. 2 for the Water Quality Monitoring Building. Bids were solicited by WSC from approximately 20 bidders and two bids were received. The low bidder was Whitestone Construction. The amount of the CMAR amendment is \$369,727.

### Budget Information:

The total amount of this amendment is \$369,727, and the term of the contract is October 26, 2016 to July 23, 2017. Funds for this contract will come from the 2017 budget for Replacement of Storage Reservoirs at Ashland Business Unit, which has sufficient funds to pay the \$369,727 estimated to be needed in 2017.

### Selection of Business Partner:

WSC was selected as CMAR for the Ashland Reservoir Tank Replacements through a competitive process.

### S/MWBE Information:

The MWBE goal for Work Package No. 2 is 8%, and actual participation is 33.75%.

### Recommendation:

It is recommended that the Board approve Contract 14063C with Western Summit Constructors, Inc. for Work Package No. 2 – Water Quality Monitoring Building for the contract period October 26, 2016 to July 23, 2017 for a total contract amount not to exceed \$369,727.

### Approvals:

  
Robert J. Mahoney  
Chief Engineering Officer

Respectfully submitted,

  
James S. Lochhead  
CEO/Manager

  
Angela Brumont  
Chief Finance Officer

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 26, 2016

Board Item: II-A-9

## Contract 16907A with Concrete Works of Colorado, Inc. for Lupton Lakes Weld County Road 27 Access

Action by Consent

Individual Action

### **Summary:**

On October 11<sup>th</sup>, 2016, bids were received for the Lupton Lakes Weld County Road 27 Access project. The purpose of the project is to construct a new access to the North Cell of the Lupton Lakes reservoir complex from Weld County Road (WCR) 27. There are two open-pit sand and gravel mines (gravel pits) at the complex and they are referred to as the North Cell and the South Cell. Denver Water intends to convert these gravel pits into surface water reservoirs. Mining activity in the North Cell is nearly complete and mining in the South Cell is expected to last several more years.

The existing access is near the intersection of WCR 8 and WCR 27 which presents a safety concern for roadway users as the access is too close to the intersection. Constructing a new access provides the following benefits.

1. Replaces an unsafe access from WCR 8 with a safe access from WCR 27.
2. Allows oil and gas traffic to access the oil and gas facilities in the North Cell without traveling along the edge of the gravel pit which reduces the potential for future conflicts.

### **Budget Information:**

The total amount of this contract is \$118,800, and the term of the contract is October 26, 2016 to December 31, 2016. Funds for this contract will come from the 2016 budget for Lupton Lakes Development Business Unit.

### **Selection of Business Partner:**

Denver Water solicited bids from five Contractors on Denver Water's Prequalified Contractors List. The Contract was unrestricted and based solely on cost, using Instructions to Bidders on the QuestCDN platform. All five Contractors submitted bids and Concrete Works of Colorado, Inc. was the low bidder with a bid in the amount of \$118,800.

### **S/MWBE Information:**

*The Minority and Women Business Enterprise (MWBE) goal established for this construction project is 8% participation. Concrete Works of Colorado, Inc. achieved 8.08% participation.*

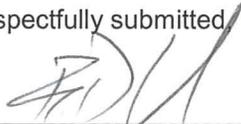
### **Recommendation:**

It is recommended that the Board approve Contract 16907A with Concrete Works of Colorado, Inc. for the Lupton Lakes Weld County Road 27 Access for the contract period October 26, 2016 to December 31, 2016 for a total contract amount not to exceed \$118,800.

**Approvals:**

  
\_\_\_\_\_  
Robert J. Mahoney  
Chief Engineering Officer

Respectfully submitted,

  
\_\_\_\_\_  
James S. Lochhead  
CEO/Manager

  
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Angela Bricmont  
Chief Finance Officer