

# AGENDA

## Denver Board of Water Commissioners

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

**Wednesday, July 12, 2017 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

### 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. Minutes from June 14, 2017 – Open and Executive
2. Minutes from June 28, 2017 – Open and Executive
3. Contract 15857A - Second Amendment for Sodium Bisulfite
4. Contract 16986A Ashland Decentralization Station Parking Lot Extension
5. Contract 16992A Conduits Nos. 94 and 96 Impressed Current Cathodic Protection Systems

**B. Individual Approval Items**

1. **Designation of Surplus Property  
Ken Caryl Reservoir at W. Ken  
Caryl Ave. and S. Zephyr Ct.**

**III. POLICY MATTERS**

**IV. EXECUTIVE UPDATE**

- A. **CEO Update**
- B. **CFO Update**
- C. **Operations Update**

**V. BRIEFING PAPERS & REPORTS**

**A. Briefing Papers**

**B. Reports**

1. Reporting of Staff Administered Construction Contract Contingencies and Allowances
2. 2015-2018 (“On-Call”) General Engineering, Construction Management, and Planning Services Contracts

**VI. ADJOURNMENT**

## **VII. TRUSTEE MATTERS**

1. Approval of June 28, 2017 Trustee Meeting Minutes
2. Approval of Update to the Funding Policy for the Employees' Retirement Plan
3. Approval of Resolutions to Amend and Adopt the Restated Employees' Retirement Plan
4. Acceptance of the Actuarial Report for the Employees' Retirement Plan and OPEB Liability

## **VIII. 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: July 12, 2017

Board Item: II-A-3

## Second Amendment for Sodium Bisulfite Contract # 15857A

Action by Consent

Individual Action

### **Summary:**

Sodium bisulfite is a chemical used in the water treatment process to aid in the removal of chlorine from the treatment residual discharge. The contract incurred an overage when the order volume exceeded expectations prior to the new contract going into effect. This amendment will close out the contract as the new contract for sodium bisulfite went into effect on June 1, 2017.

### **Budget Information:**

The total amount of this contract is \$105,643.10, and the term of the contract is June 1, 2015 to May 31, 2017. Funds for this service/contract will come from the 2017 budget for treatment chemicals, which has sufficient funds to pay the \$5,643.10 amendment amount.

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

The Board entered into Contract No. 15857A with Industrial Chemicals Corporation to delivery sodium bisulfite for the contract period of June 1, 2015 date through May 31, 2017. This contract has reached the not to exceed amount of \$100,000.00, therefore, this contract needs to be amended to increase compensation by \$5,643.10.

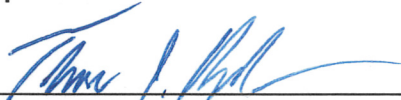
### **S/MWBE Information:**

Industrial Chemicals Corporation is a SBE. This contract does not meet the criteria of either the O&M Construction Related or the Covered Goods & Services MWBE programs where overall annual participation targets are set.

### **Recommendation:**

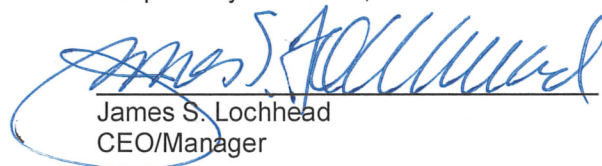
It is recommended that the Board approve the Second Amendment to Contract 15857A with Industrial Chemicals Corporation for sodium bisulfite for an addition of \$5,643.10 for a total amended contract amount not to exceed \$105,643.10.

### **Approvals:**



Thomas J. Roode  
Chief Operations Maintenance Officer

Respectfully submitted,



James S. Lochhead  
CEO/Manager



Angela Bricmont  
Chief Finance Officer

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: July 12, 2017

Board Item: II-A-4

## Ashland Decentralization Station Parking Lot Extension Contract 16986A

Action by Consent

Individual Action

### Summary:

The Ashland Decentralization Station was built in 1994 on the southwest corner of West 29<sup>th</sup> Avenue and Sheridan Boulevard in the City of Wheat Ridge. The property is zoned residential and a Special Use Permit was issued by the City of Wheat Ridge for the original facility. In 1995, the parcel to the south of the decentralization station was purchased by Denver Water for additional storage and potential future expansion.

Currently, three operational crews are staged at this facility. The existing configuration of the property has caused a logistical problem for equipment and crews to assemble in a safe and efficient manner. This project is to expand the parking lot to provide more space to alleviate these problems at the facility. The parking lot expansion requires the southern lot to be brought to the same elevation as the north lot. Additionally, underground stormwater storage is required to meet the drainage requirements of the City of Wheat Ridge.

### Budget Information:

The work will be completed in 2017. The 2017 Capital Improvement Plan for Decentralization Station Ashland Parking Extension Business Unit does not include sufficient funds for the project. A small project budget adjustment in the amount of \$10,720 was previously approved by the System and Program Managers.

### Selection of Business Partner:

Denver Water solicited bids from four General Contractors listed on the Prequalified Contractor List under the Heavy Civil General Contractor, and Water Treatment and Pump Station disciplines. This Contract was an unrestricted bid process using Invitation to Bids on the QuestCDN platform. On June 27, 2017, bids were received from 3 General Contractors. Glacier Construction of Colorado was selected based on the lowest cost bid.

### S/MWBE Information:

*There was a 8% Minority Women Business Enterprise (MWBE) participation goal required for the construction portion of the project. Glacier Construction attained 8.91% MWBE participation*

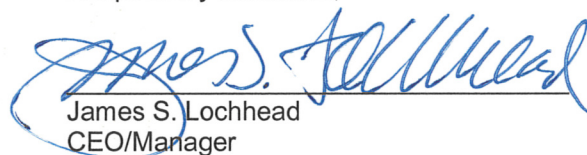
### Recommendation:

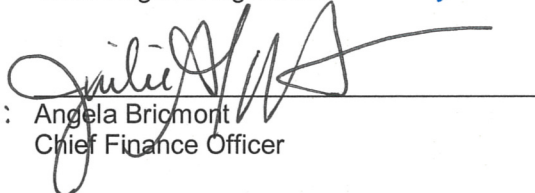
It is recommended that the Board approve Contract 16986A with Glacier Construction for parking lot expansion and site improvements for the contract period July 12, 2017 to December 1, 2017 for a total contract amount not to exceed \$671,880.

### Approvals:

  
Robert J. Mahoney  
Chief Engineering Officer

Respectfully submitted,

  
James S. Lochhead  
CEO/Manager

For:   
Angela Brimont  
Chief Finance Officer

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: July 12, 2017

Board Item: II-A-5

## Conduit Nos. 94 and 96 Impressed Current Cathodic Protection Systems Contract 16992A

Action by Consent

Individual Action

### **Summary:**

Conduit Nos. 94 and 96 are large diameter pipelines critical to the Denver Water transmission system. Conduit No. 94 delivers water from Moffat Treatment Plant to 56<sup>th</sup> Ave. Pump Station, and serves customers in Northeast Denver and near Denver International Airport. Conduit No. 96 delivers water from Foothills Treatment Plant along the highway C-470 corridor to serve Highlands Ranch, Lone Tree, and Centennial customers. Steel portions of these pipelines are susceptible to corrosion, and cathodic protection is used to mitigate metal loss due to corrosion thus extending the serviceable life of the pipelines. The existing cathodic protection systems, installed in 1982, are not providing adequate protective current to the pipelines and require replacement and supplement.

This project consists of providing labor, materials, and equipment to install two impressed current cathodic protection systems on Conduit No. 94, and one system on Conduit No. 96. The new cathodic protection systems include rectifiers, groundbeds, AC power, remote monitoring, and monitoring test stations. The project addresses operational reliability and mitigates risk of pipe failure due to corrosion on Conduit Nos. 94 and 96.

### **Budget Information:**

The work begins in 2017 and will be completed in 2018. The 2017 Capital Improvement Plan for the Conduit Nos. 94 and 96 Impressed Current Cathodic Protection Systems Business Unit includes sufficient funds for the 2017 activities. The remaining funds will be budgeted for the 2018 Capital Improvement Plan. If the Contractor moves quicker than expected, there are sufficient funds remaining in the Conduit Program to expedite the project in 2017.

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

Denver Water solicited proposals from three General Contractors listed on the Prequalified Contractor List under the Electrical/General Industrial and Cathodic Protection disciplines. This Contract was a Quality Based Selection and a restricted sites proposal process using Instructions to Proposers on the QuestCDN platform. On June 20, 2017, proposals were received from three General Contractors. Kantex Industries, Inc. of Colorado achieved the highest score, with an associated price of \$1,060,406.

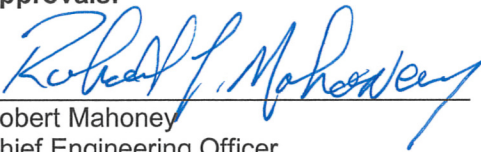
### **S/MWBE Information:**

*There was a 3% Minority Women Business Enterprise (MWBE) participation goal required for the construction portion of the project. Kantex Industries, Inc. attained 6% MWBE participation.*

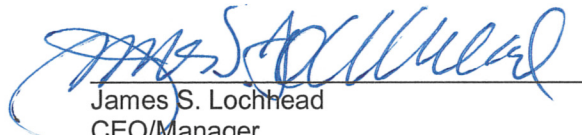
### **Recommendation:**

It is recommended that the Board approve Contract 16992A with Kantex Industries, Inc. for Conduit Nos. 94 and 96 Impressed Current Cathodic Protection Systems for the contract period of July 12, 2017 through February 28, 2018 for a total contract amount not to exceed \$1,060,406.

**Approvals:**

  
Robert Mahoney  
Chief Engineering Officer

Respectfully submitted,

  
James S. Lochhead  
CEO/Manager

For:   
Angela Bricmont  
Chief Finance Officer

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: July 12, 2017

Board Item: II-B-1

## Designation of Surplus Property Ken Caryl Reservoir at W. Ken Caryl Ave. and S. Zephyr Ct.

Action by Consent

Individual Action

### **Summary:**

Denver Water acquired the Ken Caryl Reservoir on a 4.03 acre site located at approximately S. Wadsworth and W. Ken Caryl Ave. in 1972 as a part of the Littleton water system total service conversion. The Board decommissioned the Ken Caryl Reservoir in 1975 and the site has been acting as vacant land with native grasses ever since.

Platte Canyon Water and Sanitation District, one of Denver Water's Distributors, owns and operates a pump station adjacent to the Ken Caryl Reservoir property. Platte Canyon has requested to purchase a portion of our property (0.245 acres) for access and storage of materials to benefit their pump station operations. Denver Water Operations has determined retaining 3.785 acres of property at this location is sufficient to preserve our options and potential future needs in this region of the metro area.

### **Recommendation:**

It is recommended that the Board declare .249 acres of Ken Caryl Reservoir property surplus, as it is not required for water works purposes.

### **Approvals:**

  
Robert J. Mahoney  
Chief Engineering Officer

Respectfully submitted,

  
James S. Lochhead  
CEO/Manager

  
Patricia L. Wells  
General Counsel



# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: July 12, 2017

Board Item: V-B-13-1

## Reporting of Staff Administered Construction Contract Contingencies and Allowances

Contracts with Board approved contingency and/or allowance amounts are to be administered through change orders, amendments or invoices as needed by staff. Funds used on the following projects are to be reported to the Board. The projects and their contingency/allowance amounts are:

Contract No.	Title	Contractor	Type	Amount
14063B	Ashland Reservoir Replacements	Western Summit	Contingency	\$750,000
14063B	Ashland Reservoir Replacements	Western Summit	Allowance	\$3,000,000
14978A	Design Services of The Ralston/Moffat Delivery System: Conduit No. 16 Replacement and Conduit No. 22 Abandonment	HDR-Dewberry	Allowance	\$200,000
14978A	Design Services of The Ralston/Moffat Delivery System: Conduit No. 16 Replacement and Conduit No. 22 Abandonment	HDR-Dewberry	Contingency	\$300,000
15630A-G	Operations Complex Redevelopment	Mortenson Construction	Contingency	\$5,000,000

The construction contingency is used for unforeseen materials or equipment, or work items or site conditions that are not included in the original contract work and which may require timely approval and processing. Allowances are for specific items whose existence is known, but whose actual cost is not known at time of bid. There may be individual change orders brought to the Board for approval that do not fall into these categories, or if large amounts or changes are required during construction.

Staff will report to the Board quarterly through an Information Item the ongoing status of these funds. Please reference the attached spreadsheet for the detailed Project Contingency Report.

### Approvals:

  
Robert J. Mahoney  
Chief Engineering Officer

Respectfully submitted,

  
James S. Lochhead  
CEO/Manager

  
Angela Bricmont  
Chief Finance Officer

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: July 12, 2017

Board Item: V-B-2

## 2015-2018 (“On-Call”) General Engineering, Construction Management, and Planning Services Contracts

Denver Water’s Engineering Division is utilizing a variety of firms for (“On-Call”) General Engineering Design Services and Construction Management Services. A summary of the work contracted (versus expended) from **September 2015 through June 2017**, is provided on Exhibit 1 (attached).

The On-Call contracting mechanism provides for expedited contract execution, allowing a quick turnaround by consultant teams.

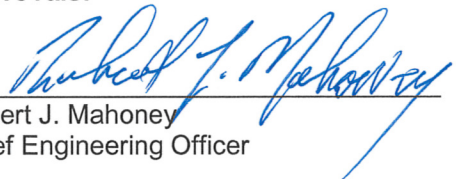
1. Total Number of GES/CM Firms:	82
2. Number of GES/CM Contracts (September 2015 to Date):	89
3. Total Amount of On-Call Contracts (September 2015 to Date):	\$4,488,947.68
4. Average Cost for On-Call Contracts:	\$50,437.61
5. Total MWBE/SBE for On-Call Contracts (September 2015 to Date):	\$1,249,457.07

S/MWBE Contracts	MWBE Firms	MWBE Amount (\$)	
MWBE	Abo Group, Inc.	13,443.50	
MWBE	Harris Kocher Smith (HKS)	8,530.00	
MWBE	Kumar & Associates, Inc.	182,551.00	
MWBE	Pinyon Environmental, Inc.	19,095.00	
MWBE	Vista Engineering, LLC	192,415.00	
MWBE	WaterPlans, Inc.	<u>39,480.00</u>	<u>Subtotal \$455,514.50</u>
SBE	Alpine Ecological Resources, LLC	4,800.00	
SBE	BBC Research & Consulting	95,050.00	
SBE	Canterbury Construction Management Services	7,303.32	
SBE	Infrastructure & Marine Consultants, LLC	220,368.50	
SBE	Lintjer + Haywood Architects, P.C.	72,380.00	
SBE	Providence Infrastructure Consultants, Inc.	92,028.00	
SBE	QualCorr Engineering Corporation	96,385.00	
SBE	RJH Consultants, Inc.	49,981.00	
SBE	Short and Brennan Architects	75,946.75	
SBE	Tumbleweed Electric	<u>79,700.00</u>	<u>Subtotal \$793,942.57</u>
Total MWBE/SBE Awarded			\$1,249,457.07
Total GES/CM Agreements Awarded			\$4,488,947.68
<b>Percent of MWBE/SBE Awarded</b>			<b>27.83%</b>

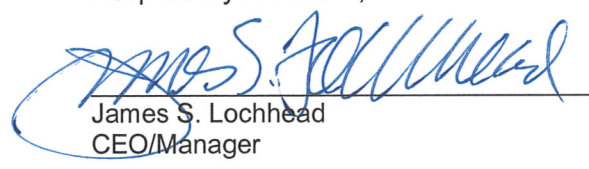
**Important Notes:**

1. Unlike the On-Call consultant design service task orders, construction management task orders will often exceed \$100,000.00. Board approval will be obtained on all task orders over \$100,000.00.

**Approvals:**

  
Robert J. Mahoney  
Chief Engineering Officer

Respectfully submitted,

  
James S. Lochhead  
CEO/Manager

*Fnc:*   
Angela Bricmont  
Chief Finance Officer