

# AGENDA

## Denver Board of Water Commissioners

Denver Water Board Room, 1600 W 12th Avenue, Denver, CO 80204 and

Video Conference: <http://zoom.us/join>, Meeting ID: 943 9012 5945 - Passcode: 671157 or

Dial in (669) 900-6833 - Meeting ID: 943 9012 5945 - Passcode: 671157

**Wednesday, June 23, 2021 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

#### D. Legislative Update

### 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. First Amendment with TeamLINX LLLP for Network and Cabling Services – Contract 501390
2. Moffat Tunnel and Williams Fork Collection System Diversion Dam Repairs – Contract 504801

#### B. Individual Approval Items

- |  |                   |            |
|--|-------------------|------------|
| 1. South System Planning Program<br>Technical and Planning<br>Development Consulting Services –<br>Contract 504883 | Daniela Castañeda | 15 minutes |
|--|-------------------|------------|

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|--|----------------|-----------|
| 2. Sensus Master Meter Replacement Project – Contract 504682 | David Fairburn | 5 minutes |
|--|----------------|-----------|

### **III. POLICY MATTERS**

- |   |                 |            |
|---|-----------------|------------|
| <b>A. Northwater Treatment Plant Update</b> | Peter McCormick | 10 minutes |
|---|-----------------|------------|

### **IV. EXECUTIVE UPDATE**

#### **A. CEO Update**

#### **B. CFO Update**

1. Monthly Financial Report - May

#### **C. Operations Update**

### **V. BRIEFING PAPERS & REPORTS**

#### **A. Briefing Paper**

#### **B. Report**

1. Lead Reduction Program Dashboard

### **VI. ADJOURNMENT**

### **VII. TRUSTEE MATTERS**

### **VIII. EXECUTIVE SESSION**

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

#### **A. Confidential Report**

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: June 23, 2021

Board Item: II-A-1

## First Amendment with TeamLINX LLLP for Network and Cabling Services Contract 501390

Action by Consent

Individual Action

### **Purpose and Background:**

Denver Water relies on internet and telecommunications connectivity to perform day-to-day operations. Denver Water's Network and Industrial Control Systems sections require continued third-party network and telephone cabling support to help meet the increasing demands for higher network speeds, provide more bandwidth and improve wireless connectivity at our facilities. In June 2016, Denver Water contracted with TeamLINX LLLP to provide materials and labor for network cabling projects and a cabling technician for daily services. Having an on-call network cabling contract in place for large cabling projects provides an efficient method to quickly get connectivity to many of our customers and facilities. This first amendment extends the TeamLINX LLLP contract through July 1, 2022 and adds \$100,000 that will provide enough funding for the remainder of the contract based on current known projects. A request for proposal will be developed for future cabling services beyond July 1, 2022.

### **Budget and Schedule:**

The total amount of this First Amendment is \$100,000, which will increase the total amount of this contract to \$850,000 and extend the term through July 1, 2022. Funds for this contract will come from the 2021 approved budget and 2022 proposed budget for Network Services.

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

Denver Water's Procurement section issued a request for proposal in May 2016 via Rocky Mountain E-Purchasing System (BidNet), Denver Water's website, and direct solicitation to Small, Minority and Women-owned Business Entities (S/MWBE) and known potential business partners. Denver Water received nine proposals and selected TeamLINX LLLP based on factors such as service level commitments, pricing, experience, and understanding of work.

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

Small/Minority and Women-owned Business Enterprise goals are not applicable for this item.

### **Recommendation:**

Staff recommends that the Board approve the First Amendment to Contract 501390 with TeamLINX LLLP for network and cabling services for an extension of the contract period through July 1, 2022 for an addition of \$100,000, a total amended contract amount not to exceed \$850,000.

### **Approvals:**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> James S. Lochhead, CEO/Manager              | <input checked="" type="checkbox"/> Brian D. Good, Chief Administrative Officer |
| <input type="checkbox"/> Julie Anderson, Chief of Staff                         | <input type="checkbox"/> Mike King, Chief External Affairs Officer              |
| <input type="checkbox"/> Jessica R. Brody, General Counsel                      | <input type="checkbox"/> Robert J. Mahoney, Chief Engineering Officer           |
| <input checked="" type="checkbox"/> Angela C. Bricmont, Chief Financial Officer | <input type="checkbox"/> Thomas J. Roode, Chief Operations Officer              |

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# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: June 23, 2021

Board Item: II-A-2

## Moffat Tunnel and Williams Fork Collection System Diversion Dam Repairs Contract 504801

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Action by Consent

Individual Action

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### **Purpose and Background:**

Repairs to the Moffat Tunnel are required to keep this critical component of Denver Water's raw water conveyance infrastructure functional. Moffat Tunnel is 6.1 miles long and conveys water from the western side of the Continental Divide to South Boulder Creek on the eastern side of the Continental Divide, with water eventually flowing into Gross Reservoir. Moffat Tunnel's original construction was completed in 1927 and the tunnel was lined with concrete in 1958. An inspection of the tunnel performed in 2017 identified areas requiring repair to maintain the structural integrity of the tunnel. An opportunity was identified to perform the repairs during a system outage that allows the necessary tunnel draining for the Moffat Canal Repair Project.

Steelman and McQueary Diversions are low-head, concrete diversion structures used to divert water in the Williams Fork Collection System toward the Moffat Tunnel. Periodic inspections showed deterioration of concrete and significant leakage of the structures. The project includes concrete repairs and crack injection to improve the condition and reduce leakage through the structures. This scope is combined with the Moffat Tunnel Repairs to realize economies of scale with a singular contract.

### **Budget and Schedule:**

The total amount of this contract is \$856,312 and the term of the contract is anticipated to be June 23, 2021 through December 3, 2021. Funds for this contract will come from the 2021 budget for the Moffat Tunnel and Williams Fork Collection System Diversion Dam Repairs business unit, which does not have sufficient funds needed in 2021. A 2021 project budget increase in the amount of \$186,208, is recommended by the Systems and Programs Managers to account for the construction contract, consultant fees, and internal labor.

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

Denver Water solicited proposals from three general contractors listed on the prequalified contractor list under the Structural Repair disciplines. This contract was a quality-based selection and a restricted proposal process using instructions to proposers on the QuestCDN platform. On June 3, 2021, proposals were received from three general contractors. Proposals were graded on cost, project team qualifications, project plan and schedule. Scoring was completed by a team of subject matter experts from Denver Water Engineering and Mott MacDonald. Harrison Western Construction of Colorado achieved the highest score, with an associated price of \$856,312.

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

The Small/Minority and Women-owned Business Enterprise goal established for this construction project is 5% participation. Harrison Western Construction proposed 9.1% participation.

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**Recommendation:**

Staff recommends that the Board approve Contract 504801 with Harrison Western Construction for the Moffat Tunnel and Williams Fork Collection System Diversion Dam Repairs Project for the contract period start date of June 23, 2021 through December 3, 2021 for a total contract amount not to exceed \$856,312.

**Approvals:**

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> James S. Lochhead, CEO/Manager              | <input type="checkbox"/> Brian D. Good, Chief Administrative Officer             |
| <input type="checkbox"/> Julie Anderson, Chief of Staff                         | <input type="checkbox"/> Mike King, Chief External Affairs Officer               |
| <input type="checkbox"/> Jessica R. Brody, General Counsel                      | <input checked="" type="checkbox"/> Robert J. Mahoney, Chief Engineering Officer |
| <input checked="" type="checkbox"/> Angela C. Bricmont, Chief Financial Officer | <input type="checkbox"/> Thomas J. Roode, Chief Operations Officer               |

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: June 23, 2021

Board Item: II-B-1

## South System Planning Program Technical and Planning Development Consulting Services Contract 504883

Action by Consent

Individual Action

### **Purpose and Background:**

The purpose of the South System Planning Program (Program) is to evaluate the needs of the South System to optimize and prioritize future capital projects for a resilient and flexible South System that operationalizes Denver Water's long-term planning goals and strategies identified in the Integrated Resource Plan (IRP) 2065. The final program deliverable is a 20-year Adaptive Plan road map summarizing the recommended capital improvements with identified triggers to favor strategic investments for the South System while providing a flexible framework for assessing changing needs in the future.

The South System includes the Foothills and Marston Water Treatment Plants, Source of Supply (raw water) infrastructure upstream, and Distribution (treated water) infrastructure downstream of the two treatment facilities. The main objectives of the Program are to evaluate the best way to increase use of Bear Creek and Chatfield Reservoir supplies, evaluate potential impacts of climate change on the operation of the South System, evaluate aging treatment plant infrastructure replacement needs, gather identified operational deficiencies, and identify current and future regulatory impacts on treatment processes.

The Program will develop a comprehensive, flexible plan that recommends 20-year capital improvements. The focus will be on the South System's treatment plants, related sources, and distribution infrastructure to ensure system improvements are planned holistically. The Program will incorporate adaptive planning concepts from the IRP to evaluate improvement alternatives while considering existing needs and future uncertainties in its planning scenarios. The Program will allow for flexibility in its implementation by preparing a South System Adaptive Plan with identified triggers for design and construction of additional capacity or treatment processes. This approach favors strategic capital investments for the South System, avoiding overbuilding the system while providing an adaptive framework for assessing changing needs in the future.

### **Budget and Schedule:**

The total amount of this contract is \$651,872 and the term of the contract is June 23, 2021 through September 1, 2022. Funds for this contract will come from the 2021 budget for the South System Planning Program business unit, which has sufficient funds to pay the \$326,000 estimated to be needed in 2021. The remaining \$325,872 will be budgeted in the year 2022.

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

A Request for Qualifications (RFQ) was publicly advertised on the Denver Water website on January 28, 2021. Twelve consulting firms that had expressed interest in the Program were also directly notified by email of the advertised Request for Qualifications. A total of six respondents submitted Statements of Qualifications that were reviewed and scored by a selection panel comprised of key Denver Water stakeholders. Consultants were scored based on criteria including the firm's expertise, proposed key personnel, and project experience. The scores for Carollo and Jacobs/AECOM delineated a top tier and were the respondents asked to respond to the Request for Proposals (RFP).

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Proposals were received on May 7, 2021 and interviews were conducted on May 13, 2021. The selection panel scored the candidates' proposals and interview performance based on the quality-based selection criteria listed in the RFP. Jacobs Engineering Group Inc. received the highest score with an associated price of \$636,872.

An Owner-directed contingency of \$15,000 is being added to the contract for unforeseen out-of-scope activities and will require written authorization from Denver Water for use by the consultant.

**S/MWBE Information:**

Small/Minority and Women-owned Business Enterprise (S/MWBE) goals were not established for this project. S/MWBE participation was strongly encouraged in the RFQ and RFP. Jacobs Engineering Group Inc. has included Zozo Group on their project team providing decision-making/workshop facilitation and public information services for 5.4% of the total contract amount.

**Recommendation:**

Staff recommends that the Board approve Contract 504883 with Jacobs Engineering Group Inc. for South System Planning Program for the contract period of June 23, 2021 through September 1, 2022 for a total contract amount, including Owner-directed contingencies, not to exceed \$651,872.

**Approvals:**

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> James S. Lochhead, CEO/Manager              | <input type="checkbox"/> Brian D. Good, Chief Administrative Officer             |
| <input type="checkbox"/> Julie Anderson, Chief of Staff                         | <input type="checkbox"/> Mike King, Chief External Affairs Officer               |
| <input type="checkbox"/> Jessica R. Brody, General Counsel                      | <input checked="" type="checkbox"/> Robert J. Mahoney, Chief Engineering Officer |
| <input checked="" type="checkbox"/> Angela C. Bricmont, Chief Financial Officer | <input type="checkbox"/> Thomas J. Roode, Chief Operations Officer               |

# DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: June 23, 2021

Board Item: II-B-2

## Sensus Master Meter Replacement Project Contract 504682

Action by Consent

Individual Action

### **Purpose and Background:**

Denver Water utilizes approximately 215 master meters in its service area to measure water provided to its distributor districts. Of the 215 master meters, approximately 86 were manufactured by Sensus, a water utility equipment supplier. Since the installation of these meters, Sensus has discontinued production of replacement parts, making maintenance and repair very difficult. To ensure the financial integrity of Denver Water's billing accuracy, these 86 Sensus meters will be replaced with new, manufacturer-supported meters.

### **Budget and Schedule:**

The total amount of this contract is \$913,433 and the term of the contract is June 23, 2021 through December 15, 2023. Funds for this contract will come from the 2021 budget of \$500,015 for Sensus Master Meter Replacements business unit, which does not have sufficient funds to pay the \$306,247 estimated to be needed for Contractor payments along with \$315,647 estimated for material procurement and internal labor in 2021. The program has a pre-established number of meters to be replaced, and the project variance is due to an early acceleration of the work by the contractor. A project budget adjustment for 2021 in the amount of \$121,879, is recommended by the Systems and Programs Managers. The remaining funds for the Contractor and internal labor will be budgeted for in years 2022 and 2023.

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

Denver Water solicited bids from five general contractors listed on the prequalified contractor list under the Civil Pipelines discipline. This contract was a restricted bid process using invitations to bid on the QuestCDN platform. On June 8, 2021 bids were received from four general contractors. R&D Pipeline Construction, Inc. was selected based on the lowest cost bid.

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

The Small/Minority and Women-owned Business Enterprise goal established for this project is 3% participation. R&D Pipeline Construction, Inc. has proposed 3% participation.

### **Recommendation:**

Staff recommends that the Board approve Contract 504682 with R&D Pipeline Construction, Inc. for the Sensus Master Meter Replacement project for the contract period June 23, 2021 through December 15, 2023 for a total contract amount not to exceed \$913,433.

### **Approvals:**

- James S. Lochhead, CEO/Manager
- Julie Anderson, Chief of Staff
- Jessica R. Brody, General Counsel
- Angela C. Bricmont, Chief Financial Officer

- Brian D. Good, Chief Administrative Officer
- Mike King, Chief External Affairs Officer
- Robert J. Mahoney, Chief Engineering Officer
- Thomas J. Roode, Chief Operations Officer

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