

AGENDA

Denver Board of Water Commissioners

Video Conference: <http://zoom.us/join>, Meeting ID: 928 2220 3663 - Passcode: 277097 or

Dial in (669) 900-6833 - Meeting ID: 928 2220 3663 - Passcode: 277097

Wednesday, October 14, 2020 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. Minutes from September 9, 2020
2. Minutes from September 23, 2020
3. Quivas Building Renovation – Contract 504430
4. First Amendment to the Recreation Lease for the High Line Canal with Cherry Hills Village – Contract 500328
5. Sterling Ranch Recreation Lease – Contract 504628
6. Adams County's Local All-Hazard Mitigation Plan

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B. Individual Approval Items

- | | | |
|---|-------------|------------|
| 1. Eighth Amendment for Gross Reservoir Expansion Design Engineer – Contract 503074 | Jeff Martin | 10 minutes |
| a. Gross Reservoir Expansion Project Presentation | | |

III. POLICY MATTERS

IV. EXECUTIVE UPDATE

A. CEO Update

B. CFO Update

C. Operations Update

V. BRIEFING PAPERS & REPORTS

A. Briefing Paper

B. Report

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: October 14, 2020

Board Item: II-A-3

Quivas Building Renovation Contract 504430

Action by Consent

Individual Action

Purpose and Background:

The Quivas building at 555 Quivas Street is owned and operated by Denver Water. Previously utilized as Denver Water's Customer Care Call Center, this building renovation will retrofit the site to meet the operational needs of Denver Water's Water Quality Operations group under the Water Quality and Treatment Section. The design includes office space for Water Quality Operations and Lead Reduction Program consultant staff, a microbiology and process laboratory, a workshop, and garage space for their fleet of water quality mobile trailers. The Water Quality Operations group was originally planned to be located at the new National Western facility, but the location of the Quivas building, central to I-25 and 6th Avenue allows better efficiencies to sample the distribution system and the space is more conducive to locating their field vehicles and equipment. The space was designed utilizing continuous improvement tools by the Water Quality staff. This approach resulted in approximately \$2M in total savings as compared to locating the operation staff at the National Western Facility.

Budget and Schedule:

The total amount of this contract is \$2,724,743 and the term of the contract is October 14, 2020 through November 1, 2021. Funds for this contract will come from the 2020 budget for Quivas Building Renovation business unit, which has sufficient funds to pay the \$200,000 estimated to be needed in 2020. The remaining \$2,524,743 will be budgeted in the year 2021.

Selection of Business Partner:

Denver Water solicited bids from nine general contractors qualified in vertical construction. This request for proposals was an unrestricted bid process using invitations to bid on the QuestCDN platform. On September 15, 2020, bids were received from three general contractors. GH Phipps Construction Company of Colorado was selected based on the lowest cost bid.

S/MWBE Information:

The Minority and Women-owned Business Enterprise goal established for this project is 8% participation. GH Phipps Construction Company has proposed 8.1% participation.

Recommendation:

It is recommended that the Board approve Contract 504430 with GH Phipps Construction Company for the Quivas Building Renovation for the contract period October 14, 2020 through November 1, 2021 for a total contract amount not to exceed \$2,724,743.

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 checked="" type="checkbox"/> Thomas J. Roode, Chief Operations Officer |

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DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 14, 2020

Board Item: II-A-4

First Amendment to the Recreation Lease for the High Line Canal with Cherry Hills Village Contract 500328

Action by Consent

Individual Action

Purpose and Background:

Denver Water owns the High Line Canal (Canal) which runs from Waterton Canyon to Green Valley Ranch. Recreation on the Canal is managed by seven recreation agencies within their respective jurisdictions.

Denver Water and the City of Cherry Hills Village signed a recreation lease for management of recreation on the Canal within Cherry Hills Village boundaries in 2005. Another agreement renewed that effort in 2015 (Contract 500328), which expired on October 1, 2020.

In August of 2020, the Board of Water Commissioners approved Contract 504561 with the High Line Canal Conservancy (Conservancy), whereby various supervisory tasks associated with the seven High Line Canal recreation agreements are transitioned from Denver Water to the Conservancy. The Conservancy desires to amend all the existing recreation agreements to provide consistency of care as developed in the publicly driven High Line Canal master planning process. The transition of supervisory activities and eventual amended recreation agreements will provide an administrative time savings to Denver Water and benefit the High Line Canal recreation user experience.

Contract 500328 is proposed to be amended by two additional years to allow adequate time for the Conservancy, Denver Water, and the recreation agencies to develop a revised lease template. All other terms of Contract 500328 remain in full force and effect.

Budget and Schedule:

There is no budgetary impact for this item, this is a no-cost lease.

Recommendation:

It is recommended that the Board approve the First Amendment to Contract 500328 with the City of Cherry Hills Village.

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 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: October 14, 2020

Board Item: II-A-5

Sterling Ranch Recreation Lease Contract 504628

Action by Consent

Individual Action

Purpose and Background:

Denver Water owns a 100 foot wide piece of property that runs through the Sterling Ranch development in Douglas County. The property contains conduits that transport water to the metro region for distribution. The Sterling Ranch Community Authority Board has requested to use the property for soft surface trails that transect the development. The trail generally follows the old maintenance road that travels over the property and will fit into the development plan at Sterling Ranch.

Allowing the recreational trails over the conduits allows the development to provide recreation and open space within the development, a requirement of Douglas County. Denver Water benefits by having the trail and vegetation within the property maintained by Sterling Ranch.

The proposed lease would require Sterling Ranch to maintain the surfacing and the existing vegetation and does not allow for any other permanent structures to be built on Denver Water property.

Budget and Schedule:

There is no budgetary impact for this item as this is a no-cost lease.

Recommendation:

It is recommended that the Board approve Contract 504628 for a ten-year recreational trail lease with the Sterling Ranch Community Authority Board.

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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DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 14, 2020

Board Item: II-A-6

Adams County's Local All-Hazard Mitigation Plan

Action by Consent

Individual Action

Purpose and Background:

The purpose of multi-hazard mitigation planning is to reduce or eliminate long-term risk to people and property. For state, local, or tribal jurisdictions to be eligible for Federal Emergency Management Agency (FEMA) assistance prior to, during and after a disaster strikes, they must develop all-hazard mitigation plans. Each jurisdiction, along with its supporting stakeholder agencies, must participate in the plan development, identify mitigation projects within their agency's jurisdiction/property, manage and maintain their daily operational commitments, formally adopt the plan and submit the completed plan to FEMA for approval. These all-hazard mitigation plans must be reviewed and updated in five-year cycles.

In 2012, several local county governments (i.e., Summit, Grand, Douglas, Boulder, Jefferson and Denver counties) approached Denver Water's Emergency Management Section and asked that Denver Water participate in their local planning effort due to the extent of Denver Water infrastructure located in their counties. Denver Water's Emergency Management Program continues to participate in these local planning efforts to ensure pre-disaster and post-disaster funding opportunities are available should something occur which impacts the water system.

As a local government entity, Denver Water could prepare its own comprehensive all-hazard mitigation plan instead of being a stakeholder in other jurisdictions' plans. The benefits of being a stakeholder include: less expense; greater transparency and awareness of holistic community-based risks; and improved community relationships. Depending on the risks identified, there may also be an opportunity to work with local communities in obtaining grant funding to either further analyze or mitigate risks. As a stakeholder, Denver Water commits staff time to report the status of projects to local communities. There are no additional projects required by this plan, only projects that Denver Water has already committed to.

Denver Water is participating as a stakeholder in the following counties' All-Hazard Mitigation Plans:

- Adams County
- Arapahoe County
- Douglas County
- Denver City & County
- Douglas County
- Jefferson County
- Grand County
- Summit County

Attached is a resolution approving the Denver Water portion of the Adams County plan. Denver Water approved the Summit County Plan on 8/26/2020.

Budget and Schedule:

There is no budgetary impact for this item. Any/all projects are currently held under specified program areas.

Selection of Business Partner:

This effort is considered an IGA with local Emergency Management jurisdictions. Denver Water will participate on the planning team with the current contractor that each jurisdiction selects via their normal protocols.

Recommendation:

It is recommended that the Board approve the attached resolution approving Annex D of Adams County's All-Hazard Mitigation Plan.

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 checked="" type="checkbox"/> Jessica R. Brody, General Counsel | <input type="checkbox"/> Robert J. Mahoney, Chief Engineering Officer |
| <input type="checkbox"/> Angela C. Bricmont, Chief Financial Officer | <input type="checkbox"/> Thomas J. Roode, Chief Operations Officer |

TITLE: RESOLUTION ADOPTING APPENDIX D OF THE ADAMS COUNTY MULTI-HAZARD MITIGATION PLAN 2020

ADOPTED AND APPROVED ON OCTOBER 14, 2020 BY THE CITY AND COUNTY OF DENVER ACTING BY AND THROUGH ITS BOARD OF WATER COMMISSIONERS

H. Gregory Austin, Board President

James S. Lochhead, CEO/Manager

WHEREAS, Adams County requested that the City and County of Denver, acting by and through its Board of Water Commissioners (“Denver Water”), as a property owner in Adams County, participate in mitigation planning prescribed by the Disaster Mitigation Act of 2000 by assisting in the preparation of Adams County’s Multi-Hazard Mitigation Plan; and

WHEREAS, Denver Water recognizes the threat that natural hazards pose to people and facilities within Adams County; and

WHEREAS, undertaking hazard mitigation actions will reduce the potential for harm to people and property from future hazard occurrences; and

WHEREAS, the Colorado Department of Emergency Management and the Federal Emergency Management Agency (FEMA) Region VIII officials have reviewed the Adams County Multi-Hazard Mitigation Plan and approved it contingent upon official adoption of the participating governing body; and

WHEREAS, Denver Water desires to comply with the requirements of the Disaster Mitigation Act and to augment its emergency planning efforts by formally adopting Annex D, where it specifically references Denver Water within the Adams County Multi-Hazard Mitigation Plan; and

WHEREAS, Denver Water, in conjunction with Adams County Government is recognizing the FEMA approval of the Adams County Multi-Hazard Mitigation Plan, which inventories the threat that natural hazards pose to people and property within that community; and

WHEREAS, an adopted Multi-Hazard Mitigation Plan is required as a condition of future funding for mitigation projects under multiple FEMA pre- and post-disaster mitigation grant programs; and

WHEREAS, Denver Water has facilities within the Planning Area, and participated in the mitigation planning process to prepare this Multi-Hazard Mitigation Plan; and

NOW, THEREFORE, BE IT RESOLVED: The City and County of Denver, acting by and Through its Board of Water Commissioners, hereby adopts Annex D of the Adams County Multi-Hazard Mitigation Plan.

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 14, 2020

Board Item: II-B-1

Eighth Amendment for Gross Reservoir Expansion Design Engineer Contract 503074

Action by Consent

Individual Action

Purpose and Background:

Denver Water formed an integrated project team comprised of Denver Water staff, consultants, engineers, contractors, and specialists to deliver the Gross Reservoir Expansion (GRE) project. In January 2018, Denver Water contracted with Stantec/AECOM to fulfill the design engineer role. Their scope and fee were negotiated based on our understanding of the work in late 2017.

Since onboarding the Construction Manager/General Contractor (CM/GC) in 2019, the team has focused on an innovation-based design process to reduce the program's schedule, cost, and risk. The innovation process has successfully identified several key opportunities to simplify the construction process and achieve a reduced schedule and cost. This amendment provides funding for additional engineering evaluations to support cost saving innovations and reduce scope related to temporary construction works controlled by the CM/GC. Responsibility for designing the temporary construction works will be transferred to the CM/GC contract.

In addition, several workshops and a Potential Failure Modes Analysis meeting were held in 2020 with the independent Board of Consultants (BOC) and dam safety regulators, Colorado Office of the State Engineer and Federal Energy Regulatory Commission to review design progress, design criteria, and engineering evaluations. These meetings, which are integral to the quality review and approval process, resulted in information requests to support the design review and resolve outstanding questions. This proposed amendment provides funding to address specific requests and provide additional owner-controlled contingencies for possible future meetings and requests expected to occur during the final approval process based on feedback from the BOC and regulatory agencies.

The purpose of this board item is to execute the eighth amendment with Stantec Consulting Services, Inc., to fund the CM/GC design innovations and BOC/regulator additional information requests.

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Budget and Schedule:

The table below shows the history of amendments:

Item	Cost	Description	Notes
Original Contract	\$13,000,000	Design of Gross Reservoir Expansion	Board Approved December 13, 2017
First Amendment	\$0	Co-location office requirements	Approved January 23, 2018
Second Amendment	\$0	Corrections to design engineering labor rates	Approved February 12, 2018
Third Amendment	\$539,522	Scope addition – design changes and additions	Board Approved September 12, 2018. Improved communications infrastructure and unexpected regulatory requests.
Item	Cost	Description	Notes
Fourth Amendment	\$260,000	Scope addition – design changes and additions	Design definition, slightly increased monitoring requirements, unexpected regulatory requests and the addition of owner-controlled contingency.
Fifth Amendment	\$200,000	Scope addition - Outlet Works requirements	Board Approved February 27, 2019
Sixth Amendment	\$2,800,478	Scope addition – CM/GC incorporation, BOC, regulatory requirements, and additional management time	Board Approved July 10, 2019. CM/GC integration; incorporation of design innovation; response to regulatory requirements; key staff extension through completion of Phase 2.
Seventh Amendment	\$382,039	Engineer of Record services for the Outlet Works Modifications	Board Approved on July 8, 2020
Eighth Amendment	\$686,743	CM/GC Innovation Engineer Evaluations and BOC/Regulatory additional information requests and Owner-directed contingencies	For Board approval at October 14, 2020 (Breakdown: \$86,743 for Stantec out-of-scope work; \$600,000 for owner-directed contingencies including \$250,000 for planned BOC and CM/GC interaction.)
Total Amount:	\$17,868,782		

The total amount of this Eighth Amendment is \$686,743, and the term of the contract is December 13, 2017 through July 30, 2021. Funds for this amendment will come from the 2020 budget for Gross Reservoir Expansion business unit, which has sufficient funds to pay the \$486,743 estimated to be needed in the year 2020. The remaining \$200,000 will be budgeted in year the 2021.

Selection of Business Partner:

Stantec Consulting Services, Inc., was selected through a value-based competitive selection process which considered qualifications and cost. Contract 503074 with Stantec Consulting Services Inc. was approved by the Board on December 13, 2017 for design engineer services associated with Gross Reservoir Expansion Project.

S/MWBE Information:

No specific Minority and Women-owned Business Enterprise (MWBE) goal was set for the design engineer services, although MWBE participation during design was strongly encouraged by Denver Water. The Stantec/AECOM team will achieve approximately 4.8% MWBE participation for the total of the Phase 2 services.

Recommendation:

It is recommended that the Board approve the Eighth Amendment to Contract 503074 with Stantec Consulting Services, Inc., for CM/GC Innovation Engineer Evaluations and BOC/regulatory information requests for an extension of the contract period of December 13, 2017 through July 30, 2021 for an addition of \$686,743 for a total amended contract amount not to exceed \$17,868,782.

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 |