

MINUTES

Supervisory Committee Meeting

Thursday, December 17, 2020; meeting held virtually through Microsoft Teams – 9 a.m.

South Platte Renew (SPR)

2900 South Platte River Drive, Englewood, CO 80110

COMMITTEE MEMBERS PRESENT:

Maria D’Andrea	City of Englewood, Public Works Director
Shawn Lewis	City of Englewood, City Manager
Keith Reester	City of Littleton, Public Works Director
Mark Relph	City of Littleton, City Manager

COMMITTEE MEMBERS ABSENT:

None

STAFF PRESENT:

Kacie Allard	SPR Deputy Director – Business Solutions
Blair Corning	SPR Deputy Director – Environmental Programs
Becca Erickson	SPR Engineer I
Alyssa Hoffman	SPR Business Services Specialist
Jamie Langer	SPR Engineering Project Manager
Matt Montgomery	Hill & Robbins, SPR Attorney
David Robbins	Hill & Robbins, SPR Attorney
Anna Schroeder	SPR Engineer II
Brian Tracy	SPR Deputy Director – Operations & Maintenance
Pieter Van Ry	SPR Director
Chong Woo	SPR Deputy Director – Engineering

GUESTS:

Cynthia Lane	Platte Canyon Water & Sanitation District, District Assistant Manager
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I. Call to Order

The December Supervisory Committee meeting was called to order by Pieter Van Ry, SPR Director. Director Van Ry welcomed everyone to the Microsoft Teams conference call.

II. Consideration of Minutes for Previous Supervisory Committee Meetings

No action was taken on previous minutes.

III. Action Item(s)

On-Call Electrical Projects – Renewal Agreement No. 1

Chong Woo, SPR Deputy Director – Engineering, presented the Committee with a recommendation to approve Renewal Agreement No. 1 for the On-Call Electrical Projects (Project) at SPR, with McDade Woodcock, Inc. (MWI) in the amount of \$250,000.

In 2020, a statement of qualifications (SOQ) was developed and advertised on the Rocky Mountain E-Purchasing System to identify contractors for general electrical services. MWI and Weifield were the awarded contractors for a one (1) year term with the option for three (3) additional one-year renewals. This Renewal Agreement will extend the On-Call services for 2021.

ACTION TAKEN – The Supervisory Committee considered the recommendation to approve the award of a Renewal Agreement (No. 1), to McDade Woodcock, Inc., in the amount of \$250,000 for the On-Call Electrical Projects.

Committee Member Lewis moved to approve the recommendation, Committee Member Reester seconded the motion, four ayes, and zero nays. Motion approved.

On-Call Construction Projects – Renewal Agreement No. 1

Deputy Director Woo presented the Committee with a recommendation to approve Renewal Agreement No. 1 for the On-Call Construction Projects (Project) at SPR, one with Kc Construction Inc. (Kc) and the other with Velocity Plant Services LLC (Velocity), each in the amount of \$250,000.

In 2020, an SOQ was developed and advertised on the Rocky Mountain E-Purchasing System to identify contractors for general construction services. Kc and Velocity were the two awarded contractors for a one (1) year term with the option for three (3) additional one-year renewals. This Renewal Agreement will extend the On-Call services for 2021.

ACTION TAKEN – The Supervisory Committee considered the recommendation to approve the award of two (2) Renewal Agreements (No. 1), one to Kc Construction Inc. and the other to Velocity Plant Services LLC, each in the amount of \$250,000 for the On-Call Construction Projects.

Committee Member D’Andrea moved to approve the recommendation, Committee Member Lewis seconded the motion, four ayes, and zero nays. Motion approved.

Solid Contact Tanks Enhancements Project – Professional Services

Anna Schroeder, SPR Engineer II, presented the Committee with a recommendation to approve a Professional Services Agreement with Carollo Engineers, Inc. (Carollo) in the amount of \$132,100 for the Solid Contact Tanks (SCT) Enhancements Project (Project).

The Project's scope includes an infrastructure condition assessment that will be prioritized based on cost and criticality, and the identification of future enhancements for existing assets to optimize treatment processes. Additionally, the Project will create a nitrification management study that will identify risk and opportunities in modifying the existing nitrification strategy.

A request for proposal (RFP) was developed and advertised on the Rocky Mountain E-Purchasing System. SPR received four (4) proposals, and Carollo is the recommended consultant for the Project.

ACTION TAKEN – The Supervisory Committee considered the recommendation to approve the contract award to Carollo Engineers, Inc., in the amount of \$132,100, for the SCT Enhancements Project.

Committee Member Relph moved to approve the recommendation, Committee Member Reester seconded the motion, four ayes, and zero nays. Motion approved.

Dewatering Facility Improvements Project – Design Services

Becca Erickson, SPR Engineer I, presented the Committee with a recommendation to approve a Contract Amendment with Jacobs Engineering Group, Inc. (Jacobs), in the amount of \$598,878, to conduct design phase services for the Dewatering Facility Improvements Project (Project).

In April 2020, Jacobs was selected using a competitive proposal process as the design engineer for the Project's conceptual design phase. This phase of the Project identified the critical assets that offered the most beneficial improvements to be implemented in the next five (5) years and developed an implementation plan for the upgrades and/or replacements of assets. Jacobs facilitated the success of this aspect of the Project by providing innovative alternatives, real-time cost estimates, and dewatering expertise. Jacobs now possess a vast knowledge of the SPR Dewatering Facility infrastructure and operations that will continue to serve SPR's needs through the Project's design phase.

ACTION TAKEN – The Supervisory Committee considered the recommendation to approve a Contract Amendment with Jacobs Engineering Group, Inc., in the amount of \$598,878, for the Dewatering Facility Improvements Project – Design Phase.

Committee Member Lewis moved to approve the recommendation, Committee Member Relph seconded the motion, four ayes, and zero nays. Motion approved.

Chemical Purchase Order Recommendation

Brian Tracy, SPR Deputy Director – Operations & Maintenance, brought forward the recommendation to approve four (4) open purchase orders for the total amount of \$1,419,000 for the purchase of required process treatment chemicals in 2021.

The procurement of Ferric Sulfate, Sodium Hypochlorite, and Methanol are covered under the Colorado Municipal Assembly of Procurement Officials (MAPO) cooperative bidding process. Polymer is an optimal source purchase from KubWater Resources, Inc. as they are the only polymer provider that will re-bag the chemical into smaller bags to accommodate SPR infrastructure requirements.

Cost estimates for 2021 are based on 2020 pricing trends and 2020 actual use. SPR anticipates continued increased Methanol usage in 2021, due to the organization's involvement in the VIP. Additional chemical requests may be brought to the Committee in 2021 for pilot studies and optimization efforts.

ACTION TAKEN – The Supervisory Committee considered the recommendation to approve the following open purchase orders for chemical purchases: Chemtrade Chemicals US LLC for Ferric Sulfate in the amount of \$304,000; KubWater Resources, Inc. for Polymer in the amount of \$515,000; DPC Industries for Sodium Hypochlorite in the amounts of \$196,000; Industrial Chemical Corporation for Methanol in the amount of \$404,000.

Committee Member D'Andrea moved to approve the recommendation, Committee Member Reester seconded the motion, four ayes, and zero nays. Motion approved.

TENORM Ordinance Changes

Blair Corning, SPR Deputy Director – Environmental Programs, and Matt Montgomery, SPR Attorney, presented the Committee with a recommendation to approve the municipal code changes related to technologically enhanced naturally occurring radioactive material (TENORM) and advance the ordinance changes to the City Councils of Littleton and Englewood for approval.

The Colorado Department of Public Health and Environment's Board of Health recently promulgated regulations to control the handling and disposal of TENORM containing materials through registration and licensing. Based on current testing, the Cities of Englewood and Littleton are not aware of any current discharges of non-exempt TENORM to the SPR plant, and SPR biosolids test within the exempt level. If levels of TENORM were to rise above the non-exempt threshold, this would require the plant to obtain registration and licensing to handle this material and could limit the number of years the plant could land apply biosolids to the currently owned farmland. These code changes are designed to prevent potential future discharges of non-exempt amounts of TENORM from entering the wastewater treatment plant.

ACTION TAKEN – *The Supervisory Committee considered the recommendation to approve the proposed TENORM-related code changes and authorize the advancement of the code changes to the respective cities for consideration of approval by the individual city councils.*

Committee Member Lewis moved to approve the recommendation, Committee Member Relph seconded the motion, four ayes, and zero nays. Motion approved.

IV. Informational Items

SPR staff discussed these informational items with the Committee:

- Director's Update
 - Kacie Allard, Deputy Director – Business Solutions, discussed SPR's 4th Annual Grease and Oil Take-Back event that took place on Saturday, November 28, 2020. Forty (40) individuals from the SPR service area disposed of 84 gallons of motor oil and 53.5 gallons of cooking oil free of charge.
 - Deputy Director Tracy informed the Committee that SPR has successfully achieved VIP targets for 2020, reducing total inorganic nitrogen (TIN) levels below the permit requirements to obtain additional compliance time for future regulations. SPR will resume TIN treatment to the permit level requirements for the remainder of 2020 to reduce costs. VIP treatment protocols will resume in January.
 - Deputy Director Woo highlighted the replacement of two electrical switchboards at the Headworks building. This replacement of aging infrastructure will allow for remote access to the equipment during power outages, thus minimizing the risk of possible spills and creating a safer working environment for employees.
 - Deputy Director Corning informed the Committee that SPR staff completed the third sampling event for Per- and Polyfluoroalkyl Substances (PFAS), which includes samples from plant flow, the South Platte River, and biosolids over a 24-hour period.

Deputy Director Corning also discussed two Notice of Violations (NOV) issues to SPR Industrial Users for pH infractions. This NOV process is required under the EPA's enforcement plan and should not pose any issues for the business as long as the concerns are corrected.

- Director Van Ry discussed a recent call with the National Agency for Clean Water Agencies (NACWA), which addressed the potential for an increased investigation into wastewater epidemiology and the potential to streamline and standardize testing protocols nationally. This area of research is gaining recognition from the COVID-19 Biobot study.

Additionally, Director Van Ry informed the Committee of SPR's examination of the High Strength Surcharges the Cities charge Industrial Users. This study is being developed as part of the SPR Cost of Service Analysis. The findings will be discussed with the Committee in early 2021.

- Three (3)-Month Outlook for Supervisory Committee Action Items
- SPR Influent Flow and Load Summary:
 - The measured flow to SPR averaged 16.2 mgd in November 2020, which is a decrease of approximately 2.1 mgd from November 2019. The measured flow split was 46.7 / 53.3 percent between the cities of Littleton and Englewood, respectively.
- Fiscal Management and Reporting

V. Adjournment

The next Supervisory Committee meeting is scheduled for Thursday, January 28, 2021, at 9:00 a.m. This meeting will utilize Microsoft Teams, until further notice.

Adjourned at 10:02 a.m.

Recording Secretary Signature _____
Kacie Allard (acting)

The SPR Supervisory Committee approved the December 17, 2020 meeting minutes via email on January 26, February 4 and 9, 2021. Committee Member Reester, Committee Member D'Andrea, Committee Member Relph, and Committee Member Lewis voted; four ayes, no nays. Minutes approved.