

Public Infrastructure, Environment and Sustainability Committee

Meeting Agenda for

June 25, 2018

1:15 p.m. – COUNCIL BRIEFING CENTER

The Spokane City Council's Public Infrastructure, Environment and Sustainability Committee meeting will be held at **1:15 p.m. on June 25, 2018** in Council Briefing Center, Lower Level, City Hall, 808 West Spokane Falls Boulevard, Spokane, Washington.

The meeting will be conducted in a standing committee format. Because a quorum of the City Council may be present, the standing committee meeting will be conducted as a committee of the whole council. The Public Infrastructure, Environment and Sustainability Committee meeting is regularly held every 4th Monday of each month at 1:15 p.m. unless otherwise posted.

The meeting will be open to the public, with the possibility of moving or reconvening into executive session only with the members of the City Council and the appropriate staff. No legislative action will be taken. No public testimony will be taken and discussion will be limited to appropriate officials and staff.

AGENDA

I. Call to Order

II. Approval of minutes from May 21, 2018 meeting

III. Consent Items

1. Purchase Replacement Spray Dry Absorber (SDA) Slide Gates for Waste to Energy
2. Contract Extension/Amendment with Sulzer Pumps for Waste to Energy
3. Interlocal Agreement with Fairchild Air Force Base for Disposal of Municipal Solid Waste
4. Purchase a TV Van for the Wastewater Department
5. Purchase two F350s with Plows for the Street Department
6. Purchase five Henke Hi-Gates for the Street Department
7. Value Blanket Renewal for Backflow Prevention Devices
8. Purchase of Parkwater Well Station Motor Control Center
9. Contract to Supply Liquid Sodium Hypochlorite Solution to Riverside Park Water Reclamation Facility
10. Value Blanket Renewal for Liquid Chlorine

IV. Discussion Items

A. Council Requests

1. Notification of Herbicide Applications in Parks – Council Member Burke (10 minutes)
2. Resolution for changes to the Comprehensive Plan for Lincoln Heights – Council Member Kinnear (10 minutes)

B. Staff Requests

None

V. Strategic Plan Session

A. Priority Strategy 1: Rapidly Accelerating Street Paving Maintenance Projects

- Construction Highlights – Kyle Twohig (10 minutes)
- Sprague Phase II Decision Matrix Review - Brandon Blankenagel (10 minutes)

B. Priority Strategy 2: Repurposing Public Property to Stimulate Private Investment

- No report this meeting.

C. Priority Strategy 3: Smart Use of Water Resources for Economic Growth

- No report this meeting.

D. Priority Strategy 4: Putting our Renewable Energy Resources to Work in the Community

- LED Light Upgrade Project – Gary Kaesemeyer (10 minutes)
- Bike Share Update – Kevin Picanco (10 minutes)

VI. **Executive Session**

Executive Session may be held or reconvened during any Public Infrastructure, Environment, and Sustainability Committee meeting.

VII. **Adjournment**

Next Public Infrastructure, Environment, and Sustainability Committee Meeting

July 23, 2018 1:15 p.m. in the Council Briefing Center

AMERICANS WITH DISABILITIES ACT (ADA) INFORMATION: The City of Spokane is committed to providing equal access to its facilities, programs and services for persons with disabilities. The Council Briefing Center in the lower level of Spokane City Hall, 808 W. Spokane Falls Blvd., is wheelchair accessible and also is equipped with an infrared assistive listening system for persons with hearing loss. Headsets may be checked out (upon presentation of picture I.D.) through the meeting organizer. Individuals requesting reasonable accommodations or further information may call, write, or email Human Resources at 509.625.6363, 808 W. Spokane Falls Blvd, Spokane, WA, 99201; or msteinolfson@spokanecity.org. Persons who are deaf or hard of hearing may contact Human Resources through the Washington Relay Service at 7-1-1. Please contact us forty-eight (48) hours before the meeting date.

STANDING COMMITTEE MINUTES
City of Spokane
Public Infrastructure, Environment, and Sustainability
May 21, 2018

Committee Members Present

Council Member Breean Beggs, Committee Chair
Council Member Mike Fagan, Vice Committee Chair
Council Member Kate Burke
Council Member Lori Kinnear
Council Member Candace Mumm

Council Members Absent

Council Member Karen Stratton
Council President Ben Stuckart

Staff Present

Hannahlee Allers, Brandon Blankenagel, Eldon Brown, Chris Cafaro, Chuck Conklin, Leroy Eadie, Anna Everano, Marlene Feist, Jacob Fraley, Luis Garcia, Raylene Gennett, Margaret Harrington, Curtis Harris, Garret Jones, Dan Kegley, Gary Kaesemeyer, Mike Look, Brian McClatchey, Val Melvin, Louis Meuler, Katherine Miller, Skyler Oberst, Cadie Olsen, Kevin Picanco, Rick Romero, Andy Schenk, Elizabeth Schoedel, Mark Serbousek, Scott Simmons, Terri Stripes, Tim Szambelan, Kyle Twohig, Kandace Watkins

Guests Present

Terrence Lynch, WSDOT

Council Member Beggs called the meeting to order at 1:15 p.m.

Review and Approval of Minutes

Council Member Beggs asked for a motion to approve the minutes of the April 23, 2018 meeting.

- **Action Taken**
- Council Member Fagan moved to approve the minutes of the April 23, 2018 meeting as presented; the motion was seconded by Council Member Mumm. The minutes were approved unanimously.

Consent Items (Briefing Papers only)

1. Trindera Contract Increase – CSO 24 Electrical Engineering
2. Addendum with Linn Machine & Manufacturing for Refurbishing Dumpsters for Solid Waste Collection

Discussion Items

A. Council Requests

1. Vaulted Sidewalks

Katherine described the work to address the sidewalk vaults along the STA high performance transit route. Brian McClatchey gave an overview of the building rehabilitation draft ordinance and clarifying owner responsibilities in the future as projects progress. Katherine described the work to identify and

evaluate the vaults in a case by case basis along the Central City Line planned routes. Discussion was had on the policy to remove or have owners maintain the vaults.

2. 29th Avenue and Crestline Street

Council Member Beggs discussed the work to holistically address traffic concerns in the area. Scott Simmons has met with a team for the areas to be evaluated and will follow up.

3. Legacy Water Rates Ordinance

Council Member Beggs discussed the request from a low income housing development that is requesting this be reviewed. One building was removed and replaced with low income housing and one building was remodeled. A correction was made to the title of the item should be Legacy Sewer Rates.

4. ATS Contract Extension

Council Member Beggs introduced Margaret Harrington that is working on the final five-year renewal and adding two new schools in December 2017. This contract extension will solve the school holiday issue and facilitate the installation of all three cameras.

B. Staff Requests

1. Street and Right of Way Vacations related to North Spokane Corridor

Louis Meuler discussed the vacation requests to relocate the existing BNSF rail line to the west during the construction of the North Spokane Corridor. The roads will remain open until the project reaches and it becomes necessary.

2. Update on Post Street Bridge

Kyle Twohig introduced the construction leads for the Post Street Bridge project. Mark Serbousek reviewed with the committee the conditions of the current bridge and its history. Dave discussed the design considerations and cost analysis process. Work will be done to retain the arches for aesthetics and span the concrete bridge over the top of it.

3. Unmanned Aircraft Systems Program for enhanced inspection of Public Works Infrastructure

Dan Kegley discussed the proposed program for using drones to inspect public works infrastructure such as water tanks and outfalls on hillsides. It is anticipated that this will be a cost saving and a safety enhancement.

4. Alley Grading Update

Marlene Feist discussed the alley grading project. The map is available on the City's website and citizens can put in an address to see if the alley is scheduled for grading. Dirt streets were also included on the map but are not included in this project however, there is a schedule of dirt streets that are graded every year. Scott Simmons discussed the work to identify funding and schedule paving allowing for development in current unimproved areas.

Strategic Plan Session

A. Priority Strategy 1. Rapidly Accelerating Street Pavement Maintenance Projects

• Riverside Avenue Monroe to Division Project Development

Brandon Blankenagel began the discussion with an overview of the public meetings and spoke about each of the three phases over a three year period. The first phase is Division to Washington in 2019. The next step is to develop the selection that was made at the public open house into a design concept.

The concept will be shared at Riverfront Park on May 21st during the Week of Action kickoff and this item will return to this committee in July.

- **Sprague Avenue Phase II Public Outreach Conclusions**

Brandon Blankenagel discussed the initial outreach on Phase II which is between Bernard and Scott Street. He discussed the design options to create space for parking and travel lanes. Business and property owners were asked which options of removing parking or travel lanes. Discussion was had on the responses. Brandon discussed the placement and timing of bus stops and incorporating turnouts as traffic relief in longer corridors.

B. Priority Strategy 2. Repurposing Public Property to Stimulate Private Investment

- No report this meeting.

C. Priority Strategy 3. Smart Use of Water Resources for Economic Growth

- **Indian Canyon Irrigation Project**

Garrett Jones gave a presentation on the evaluation of Indian Canyon Irrigation renovation for water conservation. Garret spoke about balancing the golf operations during the renovation. Areas for opportunities to reduce green areas while speeding up play and reducing maintenance costs. The initial benchmark is to use less than 40 million gallons of water a season. The budget is \$2.1 million and will begin this Fall.

- **SpokaneScape Rebate**

Dan Kegley discussed SpokaneScape program to address conservation of outdoor water use. Demonstration gardens are being planned for utilizing native plants and reduced turf. The SpokaneScape landscape rebate program gives residents an opportunity to reduce their lawn and evaluate their irrigation systems to receive a \$500 credit on their utility bill. Staff are available to give recommendations and best practices for irrigation designs and plant selections. The brochures have been mailed to water customers.

D. Priority Strategy 4. Putting Our Renewable Energy Resources to Work in the Community

- No report this meeting.

Executive Session

None.

Adjournment

The meeting adjourned at 3:00 p.m.

Prepared by:

Barbara Patrick, Administrative Specialist

Approved by:

Chair

Briefing Paper

Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Public Works Division; Solid Waste Disposal
Subject:	Replacement of Spray Dry Absorber (SDA) Slide Gates at the Waste to Energy Facility (WTEF)
Date:	June 25, 2018
Contact (email & phone):	David Paine, dpaine@spokanecity.org , 625-6878
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability Committee
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	Sustainable Resources: Maintaining our assets – Innovative Infrastructure: Managing our assets
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval to purchase two (2) SDA slide gate assemblies from Plattco Corporation in order to maintain the pollution control systems at the WTEF.
Background/History: <p>Slide gates are located at the bottom of the SDA's at the WTEF. This is where lime slurry is injected into the flue gas path to bond with the fly ash as part of the emissions control system. The fly ash falls into the bottom of the SDA where the two slide gates work together to regulate the amount of fly ash transferred into a conveyor located below the slide gates. This fly ash is subsequently mixed with the boiler bottom ash to create combined ash.</p> <p>With 24 hour a day, 365 days a year operation, these slide gates are in need of replacement. In April of 2018, RFB 4456-18 was released requesting bids for fabrication and delivery of these slide gates. One response was received from Plattco Corporation of Plattsburgh, NY. The total cost for both slide gates will be \$226,586.44. This project will span two budget years with the first slide gate being delivered in October of 2018 and the second being delivered in January of 2019.</p>	
Executive Summary: <ul style="list-style-type: none"> The gates are used in the pollution control systems of the WTEF. RFB 4456-18 for fabrication and delivery of two SDA Slide Gates at the WTEF issued in April of 2018. Plattco Corporation of Plattsburgh, NY was the only bidder to respond. The total cost of the purchase is \$226,586.44 and will span two budget years. The total cost for 2018 will be \$113,293.44 for delivery in October of the first gate. The total cost for 2019 will be \$113,293.44 for delivery in January of the second gate. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If new, specify funding source:	

Other budget impacts: (revenue generating, match requirements, etc.)

Operations Impact:

Consistent with current operations/policy?

☒ Yes ☐ No ☐ N/A

Requires change in current operations/policy?

☐ Yes ☒ No ☐ N/A

Specify changes required:

Known challenges/barriers:

Briefing Paper

Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Public Works Division; Solid Waste Disposal
Subject:	Contract Extension/Amendment with Sulzer Pumps
Date:	June 25, 2018
Contact (email & phone):	David Paine, dpaine@spokanecity.org , 625-6878
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability Committee
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	Sustainable Resources: Maintaining our assets – Innovative Infrastructure: Managing our assets
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval of contract with Sulzer pumps in order to maintain operation of the Waste to Energy Facility's many pumps, without which the Facility would not be able to operate.
<u>Background/History</u> <p>The Waste to Energy Facility utilizes Sulzer pumps in its operation of the facility. In 2015, vendors were solicited for on and off-site repairs of these pumps under IRFQ WTE-32 and Sulzer Pump Services was awarded the one (1) year contract for \$20,000.00, with the possibility of four (4) additional one-year periods. The contract was renewed in 2016 for an additional \$20,000.00 and again in 2017 for an additional \$48,000.00. In 2018, it was realized that one of the pumps would require a complete overhaul, which would result in the need for the contract amount to be increased to \$120,000.00.</p>	
<u>Executive Summary:</u> <ul style="list-style-type: none"> Contract for off-site pump repairs and maintenance for the Waste to Energy Facility. Originally bid in 2015 under IRFQ WTE-32 and was issued as a one year minor contract with the possibility of four (4) one-year extensions/renewals. Original contract in 2015 was for an annual cost of \$20,000.00. Extension 1 in 2016 was for \$20,000.00, extension 2 was for \$48,000.00. This will be extension #3 of 4 for \$120,000.00. Additional costs are a result of a complete overhaul required on one of these pumps. 	
<u>Budget Impact:</u> Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Annual/Reoccurring expenditure? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
<u>Operations Impact:</u> Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

Specify changes required:
Known challenges/barriers:

Briefing Paper

Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Public Works Division; Solid Waste Disposal
Subject:	Interlocal Agreement with Fairchild Air Force Base for Disposal of Municipal Solid Waste
Date:	June 25, 2018
Contact (email & phone):	David Paine, dpaine@spokanecity.org , 625-6878
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability Committee
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	Innovative Initiative-Sustainability of the WTEF Operation
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval of an Interlocal agreement between Fairchild Air Force Base and the City of Spokane to dispose of Municipal Solid Waste at the Waste to Energy Facility.
<u>Background/History</u> <p>On October 1, 1990, the City of Spokane entered into an Interlocal agreement to control the management, handling and disposal of solid waste from Fairchild Airforce Base (FAFB). The term was for twenty five (25) years. This Agreement has expired.</p> <p>The proposed Interlocal agreement establishes terms and conditions between the City of Spokane and FAFB, for the disposal of all solid waste which is collected within FAFB, at the Waste to Energy Facility (WTEF). The term of this agreement is five years and would run through June 30, 2023 with the possibility of five (5) additional one (1) year extensions.</p>	
<u>Executive Summary:</u> <ul style="list-style-type: none"> Interlocal agreement between the City of Spokane and FAFB for disposal of all municipal solid waste and regulated special waste from FAFB at the WTEF. Five (5) year agreement from execution to June 30, 2023, with five (5) possible one (1) year extensions. Gate rate of \$73.41/ton for all contracted solid waste collection service providers for FAFB. Self-haul transactions will be charged at the regular gate rate. Regulated special waste will be charged a \$35.00 minimum, up to 374 lbs.; anything in excess of 374 lbs. will be charged at the regular special handling rate. The gate rate and the minimum charge for regulated special waste will be adjusted annually based on the Consumer Price Index on January 1st of each year the agreement is in place. 	
<u>Budget Impact:</u> Approved in current year budget? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If new, specify funding source:	

Other budget impacts: (revenue generating, match requirements, etc.) Revenue Generating

Operations Impact:

Consistent with current operations/policy? ☒ Yes ☐ No ☐ N/A

Requires change in current operations/policy? ☒ Yes ☐ No ☐ N/A

Specify changes required: Adjustment of rates charged.

Known challenges/barriers:

Briefing Paper

Public Infrastructure, Environment & Sustainability Committee

Division & Department:	Public Works, Fleet Services
Subject:	Purchase a TV Van for the Wastewater Department
Date:	June 18, 2018
Author (email & phone):	Micaela Martinez; mmartinez@spokanecity.org ; 625-7823
City Council Sponsor:	
Executive Sponsor:	Scott Simmons
Committee(s) Impacted:	Public Infrastructure, Environment & Sustainability Committee
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Strategic Plan
Strategic Initiative:	
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	
Background/History: Fleet Services would like to purchase a TV Van for the Wastewater Department. The body would be purchased using the HGACBuy Contract No. SC01-18 for \$190,202.95 including tax. The chassis would be purchased using NJPA Contract# 081716-NAF for \$99,666.17 including tax.	
Executive Summary: <u>Impact</u> <ul style="list-style-type: none"> The TV Van will replace a vehicle that have reached the end of its economic life. <u>Action</u> <ul style="list-style-type: none"> Recommend approval for the purchase of a TV Van for the Wastewater Department. <u>Funding</u> <ul style="list-style-type: none"> Funding for this purchase is included in the Wastewater Budget. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify changes required: Known challenges/barriers:	

Briefing Paper

Public Infrastructure, Environment & Sustainability Committee

Division & Department:	Public Works, Fleet Services
Subject:	Purchase two F350s with Plows for the Street Department
Date:	June 18, 2018
Author (email & phone):	Micaela Martinez; mmartinez@spokanecity.org ; 625-7823
City Council Sponsor:	
Executive Sponsor:	Scott Simmons
Committee(s) Impacted:	Public Infrastructure, Environment & Sustainability Committee
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Strategic Plan
Strategic Initiative:	
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	
Background/History: Fleet Services would like to purchase two (2) Ford F350s with V Plows for the Street Department using Washington State Contract# 05916 for \$109,371.26 including tax.	
Executive Summary: <u>Impact</u> <ul style="list-style-type: none"> The Ford F350s will replace vehicles that have reached the end of their economic life. <u>Action</u> <ul style="list-style-type: none"> Recommend approval for the purchase of two (2) Ford F350s with V Plows. <u>Funding</u> <ul style="list-style-type: none"> Funding for this purchase is included in the Replacement Fund. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify changes required: Known challenges/barriers:	

Briefing Paper

Public Infrastructure, Environment & Sustainability Committee

Division & Department:	Public Works, Fleet Services
Subject:	Purchase five (5) Henke Hi-Gates for the Street Department
Date:	June 25, 2018
Author (email & phone):	Micaela Martinez; mmartinez@spokanecity.org ; 625-7823
City Council Sponsor:	
Executive Sponsor:	Scott Simmons
Committee(s) Impacted:	Public Infrastructure, Environment & Sustainability Committee
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Strategic Plan
Strategic Initiative:	
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	
Background/History: Fleet Services would like to purchase five (5) HENKE Hi-Gates (Boots for graders) for the Street Department for \$54,068.16 including tax. Request for Quotes were sent to four companies. Four responses were received.	
Executive Summary: <u>Impact</u> <ul style="list-style-type: none"> The Hi-Gates will assist the Street Department in the efficiency of City snow removal. <u>Action</u> <ul style="list-style-type: none"> Recommend approval for the purchase of five (5) Henke Hi-Gates. <u>Funding</u> <ul style="list-style-type: none"> Funding for this purchase is included in the replacement fund. 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify changes required: Known challenges/barriers:	

Briefing Paper

Public Infrastructure, Environment, & Sustainability Committee

Division & Department:	Public Works, 4100 – Water & Hydroelectric Services
Subject:	Value Blanket Renewal for Backflow Prevention Devices
Date:	25 June 2018
Author (email & phone):	Loren Searl, lsearl@spokanecity.org ext. 7851
City Council Sponsor:	---
Executive Sponsor:	---
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Funding for this purchase has been budgeted in Water & Hydroelectric Services department funds.
Strategic Initiative:	Innovative Infrastructure, Urban Experience
Deadline:	The existing value blanket for these products expires August 1, 2018.
Outcome: (deliverables, delivery duties, milestones to meet)	This order supports the competitive procurement of backflow prevention devices as needed for new construction and the replacement of obsolete devices over a one (1) year period.
Background/History: Sealed bids were opened on Monday, June 12, 2017 to provide the Water and Hydroelectric Services department with an annual supply of various styles and sizes of backflow prevention devices on an as needed basis throughout one (1) year. Five (5) bids were received; Keller Supply Co. came in as the lowest bidder. This year, the manufacturer of these products (Watts) is subject to recent tariff increases and is therefore implementing a 10% cost increase in July. However, this increase was negotiated down to 5% for renewal (existing pricing will be held through July under the current value blanket). This represents the first renewal at mutual consent, with three (3) optional annual renewals remaining.	
Executive Summary: <ul style="list-style-type: none"> Award Recommended to Keller Supply Co. (Spokane, WA) for \$200,000.00 (including tax) Original Bid #4366-17 First of four (4) annual renewal options at mutual consent; three (3) renewals remaining 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Annual/Reoccurring expenditure? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If new, specify funding source: --- Other budget impacts: N/A	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify changes required: N/A Known challenges/barriers: N/A	

Briefing Paper

Public Infrastructure, Environment, & Sustainability Committee

Division & Department:	Public Works, 4100 – Water & Hydroelectric Services
Subject:	Purchase of Parkwater Well Station Motor Control Center
Date:	25 June 2018
Author (email & phone):	Steve Burns, sburns@spokanecity.org ext. 8154
City Council Sponsor:	---
Executive Sponsor:	---
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	Funding for this purchase has been allocated from the Water Department 6 Year Capital Plan.
Strategic Initiative:	Innovative Infrastructure, Urban Experience
Deadline:	This product has a six month lead time; ordering now will support delivery of the product for installation before peak seasonal usage in late Spring 2019.
Outcome: (deliverables, delivery duties, milestones to meet)	This order supports the revitalization of a well station integral to the City water system.
Background/History: Purchase of this equipment was negotiated in accordance with the existing five (5) year Sole Source Resolution approved by City Council in November of 2017 (see RES 2017-0093). That resolution standardized the Allen Bradley/Rockwell Automation Motor Control Center (MCC) from Columbia Electric Supply (Spokane, WA) for the City of Spokane Water System and associated Pumping Stations, incorporating comprehensive information and monitoring for the Supervisory Control and Data Acquisition (SCADA) system used to ensure compliance with the Department of Health.	
Executive Summary: <ul style="list-style-type: none"> Award Recommended to Columbia Electric Supply (Spokane, WA) for \$383,926.91 (including tax) Purchase Negotiated in Accordance with Existing Sole Source Resolution RES 2017-0093 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If new, specify funding source: Water Department 6 Year Capital Plan Other budget impacts: N/A	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify changes required: N/A Known challenges/barriers: N/A	

Briefing Paper

Public Infrastructure, Environment, and Sustainability

Division & Department:	Public Works and Utilities
Subject:	Award of BID #4455-18 to Olin Corporation, dba Olin Chlor Alkali Products and Vinyls (Tracy, CA) who is the lowest responsive bidder who met our requirements to supply approximately 653,250 gallons of liquid sodium hypochlorite solution at \$1.13 per gallon, for a total three-year contract cost of \$738,172.50 plus sales tax for the period August 1, 2018 to July 31, 2021. Total cost including 8.8% Sales tax \$803,131.68. (\$267,710.56 per year).
Date:	6/25/18
Contact (email & phone):	Michael F. Coster, Plant Manager 625-4640 mcoster@spokanecity.org
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Strategic Plan
Strategic Initiative:	Innovative Infrastructure – Affordable Utility Rates
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval to award contract with Olin Corporation, dba Olin Chlor Alkali Products and Vinyls (Tracy, CA) to supply liquid sodium hypochlorite solution to Riverside Park Water Reclamation Facility.
<p><u>Background/History:</u> Sodium hypochlorite is used for disinfecting the effluent water prior to discharging treated water to the river. It replaced gaseous chlorine in 2006, and is a much safer method of disinfection. Olin Corporation, dba Olin Chlor Alkali Products and Vinyls has provided this product under previous contracts and has been an excellent supplier.</p> <p>This is a three-year contract tentatively scheduled to begin on August 1, 2018 and to end on July 31, 2021. The contract may be extended for two (2) additional one-year contract periods with the total contract period not to exceed five (5) years.</p>	
<p><u>Executive Summary:</u></p> <ul style="list-style-type: none"> <u>Impact</u> <p>In order to disinfect the effluent water from RPWRF, it is necessary to add liquid sodium hypochlorite.</p> <ul style="list-style-type: none"> <u>Action</u> <p>Wastewater Management is seeking Council approval to award the contract with Olin Corporation, dba Olin Chlor Alkali Products and Vinyls (Tracy, CA) to supply liquid sodium hypochlorite solution to the Water Reclamation Facility.</p> <ul style="list-style-type: none"> <u>Funding</u> <p>Funding for this purchase is provided in the Wastewater Management budget, and revenue is derived from sewer rates. .</p>	
<p><u>Budget Impact:</u></p> <p>Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Annual/Reoccurring expenditure? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>	

If new, specify funding source: Department

Other budget impacts: (revenue generating, match requirements, etc.)

Operations Impact:

Consistent with current operations/policy?

☒

Yes

☐

No

☐

N/A

Requires change in current operations/policy?

☐

Yes

☒

No

☐

N/A

Specify changes required:

Known challenges/barriers:

Briefing Paper

Public Infrastructure, Environment, & Sustainability Committee

Division & Department:	Public Works, 4100 – Water & Hydroelectric Services
Subject:	Value Blanket Renewal for Liquid Chlorine
Date:	25 June 2018
Author (email & phone):	Loren Searl, lsearl@spokanecity.org ext. 7851
City Council Sponsor:	---
Executive Sponsor:	---
Committee(s) Impacted:	PIES
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	Funding for this purchase has been budgeted in Water & Hydroelectric Services department funds.
Strategic Initiative:	Innovative Infrastructure, Urban Experience
Deadline:	The existing order for these products has expired and needs to be renewed to ensure ongoing service.
Outcome: (deliverables, delivery duties, milestones to meet)	This order supports the competitive procurement of liquid chlorine cylinders as needed for water disinfection over a one (1) year period.
Background/History: Sealed bids were opened on May 23, 2016 to provide the Water and Hydroelectric Services department with an annual supply of liquid chlorine in one (1) ton and 150 lb. tanks on an as needed basis over one (1) year. Since initial award, Oxarc has maintained service as originally bid with no cost increase. This represents the second and final renewal with Oxarc at mutual consent.	
Executive Summary: <ul style="list-style-type: none"> Award Recommended to Oxarc, Inc. (Spokane, WA) for \$75,000.00 (including tax) Renewal at no change in cost Original Bid #4260-16 Second of two (2) annual renewal options at mutual consent; no renewals remaining 	
Budget Impact: Approved in current year budget? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Annual/Reoccurring expenditure? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If new, specify funding source: --- Other budget impacts: N/A	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify changes required: N/A Known challenges/barriers: N/A	

Overview

Some citizens have expressed concern that they aren't aware when Spokane Parks and Recreation will be applying herbicides in their nearby park, and it can impact their plans. Questions were asked about how we can better notify citizens of the impact.

Schedule

- Most park properties receive 1 application per year. We spray as infrequently as possible, aiming not to inconvenience neighbors more than 1 partial day each year.
- We generally spray early in the morning, before the parks see peak activity.
- We don't spray on park properties during or near times of reserved groups.
- Applications are weather dependent and spraying plans change frequently throughout the day.

Notification Investigation

- Website: If we attempt to share a schedule on the website, the City web team is not, understandably, always available when changes occur.
- Hotline: We researched other municipalities and found that Boulder, CO uses a telephone hotline that people can call into for updated information.
- Sensitivity List: If a citizen has sensitivity to pesticides, they can [contact the WA Department of Agriculture to be placed on a sensitivity list](#). That list is sent to our crews, and they notify the citizen in advance.

Suggestions for Improved Communication

- Telephone hotline pilot with daily updates from our Park Operations staff about park spraying locations (excluding Riverfront). Based on pilot, could include Riverfront and golf in the future. We can track the number of calls to the hotline.
- Explore what new (not yet live) software CivicRec can do for email notifications, for people who opt-in for spray updates.
- Improved signs for better communication:
 - "Most parks only receive one application per year." It would be helpful to communicate that the inconvenience is not something they need to anticipate happening often. (We could adjust for those selective parks like Manito that have more frequency. "Higher traffic areas may receive additional soil treatments and growth support.")
 - "We use herbicides that dry quickly; once it's dry, the park is safe to re-enter."
 - "Herbicides allow our turf, perennials and trees to thrive. City-wide, we are focused on water conservation and natural habitat, establishing natural grasses that don't require spraying in selective areas." www.SpokaneParks.org, 509.363.5455
- A web page that tells the Parks' story of herbicides, how/why we spray, water conservation, natural habitat, pollinators, our pesticide reduction program, with a note about the hotline.

RESOLUTION NO. 2018-_____

A Resolution amending the Comprehensive Plan Amendment Annual Work Program to add a proposed amendment to the proposed arterial street projects map contained in the transportation chapter of the Comprehensive Plan.

WHEREAS, the City Council adopted Resolution No. 2018-0021 (March 26, 2018), which set the docket for comprehensive plan amendments during the 2017-2018 amendment cycle; and

WHEREAS, section 17G.020.025(B)(1)(a) of the Spokane Municipal Code provides that “[p]roposals to amend the Comprehensive Plan may be made by the City Council at any time. An affirmative vote of not less than a majority of the total members of the City Council is required to initiate consideration of an amendment.”; and

WHEREAS, in the 2017 update of the City’s Comprehensive Plan, Map TR 12 was amended to reflect a proposed Crestline minor collector arterial connection between 37th Avenue and Southeast Boulevard at 31st Avenue; and

WHEREAS, the City Council wishes to amend the Comprehensive Plan Amendment Annual Work Program for 2018 to include a proposed amendment that, if approved, would remove the proposed Crestline minor arterial connection from Map TR 12.

NOW, THEREFORE, BE IT RESOLVED that the Comprehensive Plan Amendment Annual Work Program, as set forth in Resolution No. 2018-0021, is hereby amended to add the following proposed comprehensive plan amendment:

Amendment of the Proposed Arterial Network Map (Map TR 12) in chapter 4 of the Comprehensive Plan (Transportation) to remove the proposed new urban major collector arterial on Crestline Street between 37th Avenue and Southeast Boulevard at 31st Avenue.

BE IT ALSO RESOLVED that the Council requests that planning staff treat this proposal as the other amendment proposals currently on the amendment docket and number this proposed amendment accordingly.

Passed by the City Council this _____ day of _____, 2018.

City Clerk

Approved as to form:

Assistant City Attorney

DRAFT

Briefing Paper

PIES

Division & Department:	Public Works Division / Integrated Capital Management
Subject:	Sprague Avenue Decision Matrix
Date:	6/25/18
Contact (email & phone):	bblankenagel@spokanecity.org
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	
Type of Agenda item:	<input type="checkbox"/> Consent <input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Accept the decision matrix in accordance with Resolution No. 2017-0023 to move the Sprague Avenue Phase II project into the design phase.
Background/History: <p><i>Sprague Phase II pertains to the section between Bernard and Scott Streets. City Staff have worked to determine project scope with the public beginning in the fall of 2017. Staff have held two public meetings, and have also presented to stakeholder groups through the winter and spring of 2018 to determine preferable project concepts. A public survey was also administered through the month of April to gather feedback regarding the optional street layouts. Certified mail surveys were sent to property and business owners within the project alignment.</i></p> <p><i>In 2017, Council passed a resolution (2017-0023) that provided a means to determine whether a project in a center and corridor or in a targeted investment area moves into the design stage and ultimately construction. The matrix is meant to gauge public support for a project, as well as assure a balance of City goals and priorities.</i></p> <p><i>Results of the Sprague Avenue mail and online surveys were presented to the PIES Committee in May. The results have since been worked into the Decision Matrix tool in order to wrap up the process to then move the project concept to design.</i></p>	
Executive Summary: <ul style="list-style-type: none"> • Council approved resolution 2017-0023 that established a Decision Matrix as a means to determine whether a project in a center and corridor or in a targeted investment area moves into the design stage and ultimately construction. • The Sprague Avenue Phase II project has been developed with the public and in coordination with stakeholders. • Online and mailer surveys were conducted to gather feedback for the project concepts. • The feedback has been incorporated into the Decision Matrix tool. Results of the Decision Matrix are to be shared at PIES to confirm the Sprague Project is moving forward to Design. 	
Budget Impact:	

Approved in current year budget?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Annual/Reoccurring expenditure?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If new, specify funding source:			
Other budget impacts: n/a			
<u>Operations Impact:</u>			
Consistent with current operations/policy?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Requires change in current operations/policy?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Specify changes required:			
Known challenges/barriers:			

Briefing Paper

Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Public Works / Street Department
Subject:	Street Lighting Upgrade
Date:	June 25 th , 2018
Author (email & phone):	Gary Kaesemeyer (gkaesemeyer@spokanecity.org 232-8810)
City Council Sponsor:	Breean Beggs
Executive Sponsor:	Scott Simmons
Committee(s) Impacted:	PIES
Type of Agenda item:	<input type="checkbox"/> Consent <input type="checkbox"/> Discussion <input checked="" type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	Strategic Plan
Strategic Initiative:	Innovative Infrastructure and Sustainability
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	This project will require a Special Budget Ordinance in the amount of \$225,000.00 from Street Department Reserves
Background/History: This project will use new technology to improve the performance of City owned street luminaires. We will upgrade 857 HPS Cobra Head luminaires to LED Luminaires. This will result in significant power savings and also deliver a brighter white light for our roadways and bridges.	
Executive Summary: <ul style="list-style-type: none"> Estimated cost per fixture \$240.84 Total cost \$224,563 (incl. tax) Cost recovered in 3.75 years based on a 2% inflation rate Typical 10 year warranty Incentives not quantifiable at this time, but should be in the range of \$100,000.00 Avista rebate for Design Light Consortium QPL products 	
Budget Impact: Approved in current year budget? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Annual/Reoccurring expenditure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If new, specify funding source: Other budget impacts: (revenue generating, match requirements, etc.)	
Operations Impact: Consistent with current operations/policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requires change in current operations/policy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify changes required: use budget from Street Department reserves Known challenges/barriers:	



Typical cobra head light



Example LED light

Briefing Paper

PIES

Division & Department:	Public Works Division / Integrated Capital Management
Subject:	Bike Share Update - Pilot Program
Date:	6/25/18
Contact (email & phone):	bblankenagel@spokanecity.org
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	
Type of Agenda item:	<input checked="" type="checkbox"/> Consent <input type="checkbox"/> Discussion <input type="checkbox"/> Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Launch a Bike Share pilot program running late summer and Fall, 2018. Develop permanent program for Spring, 2019 roll out.
<p><u>Background/History:</u></p> <p><i>Funded by a Federal grant, in April of 2018 the City contracted with Toole Design Group to conduct a bike share program study during 2018.</i></p> <p><i>Recently, an industry-leading Bike Share operator, Ofo, has come to an agreement with Whitworth University to operate on Whitworth's campus beginning in August, 2018 and is currently in discussions with Gonzaga University.</i></p> <p><i>There is a desire to launch a Bike Share pilot program that is operational late this summer and fall in time for a collection of Fall community events (Tedx talk, Falls Arts Fest, U District Bridge Opening, etc.) billed as an 'idea festival'. Staff is considering selecting Ofo as the sole bike share provider to operate during the pilot period.</i></p> <p><i>Staff is working to develop an MOU and bonding and insurance requirements that bike share operators shall agree to along with a set of interim conditions and guidelines that shall be adhered to during the bike share pilot. Public and stakeholder input will be gathered during and after the pilot and the Bike Share operator will be required to share bike usage data with the City for analysis purposes.</i></p> <p><i>It is anticipated that a more permanent and on-going bike share program will be launched in Spring, 2019 and will be open to multiple Bike Share operators.</i></p> <p><i>The planning consultant, Toole Design Group, will continue to assist the City during development of the pilot program and with gathering public input during the pilot, stakeholder engagement, evaluating bike usage data and helping to develop the long term bike share program operating procedures, internal staff needs and supporting legislation.</i></p>	

Executive Summary:

- *Toole Design Group is working to assist the City with rolling out a bike share pilot program*
- *The Bike Share pilot is likely to run from late summer through mid-November (end date depends on weather conditions and rate of bike usage), overlapping a series of Fall community events.*
- *Staff is considering working with Ofo as the sole Bike Share operator during the pilot program.*
- *Public and stakeholder input will be solicited during and after the bike share pilot.*
- *Toole Design Group will continue to assist and advise the City during the bike share pilot and provide recommendations for long term operation of Bike Share in Spokane.*
- *A more permanent bike share program may be implemented in 2019 and open to multiple Bike Share operators.*

Budget Impact:

Approved in current year budget? ☐ Yes ☐ No ☒ N/A

Annual/Reoccurring expenditure? ☐ Yes ☐ No ☒ N/A

If new, specify funding source:

Other budget impacts: n/a

Operations Impact:

Consistent with current operations/policy? ☐ Yes ☐ No ☒ N/A

Requires change in current operations/policy? ☐ Yes ☐ No ☒ N/A

Specify changes required:

Known challenges/barriers: