

# Public Infrastructure, Environment and Sustainability Committee

## Meeting Agenda for

October 23, 2017

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 October 23, 2017** 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 4<sup>th</sup> 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.

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### **Minutes:**

Approval of Minutes of the September 25, 2017 meeting.

### **Priority Strategies:**

Cleaner River, Faster – Water Quality Standards  
Two-Year Strategic Priorities

**1:15 p.m.**

Mayor Condon  
Rick Romero

### **Rapidly Accelerating Street Pavement Maintenance Projects:**

Overview of 2017 Projects Techniques

**1:45 p.m.**

Scott Simmons

### **Repurposing Public Property to Stimulate Private Investment:**

No report this meeting.

**None**

### **Smart Use of Water Resources for Economic Growth:**

No report this meeting.

**None**

### **Putting Our Renewable Energy Resources to Work in the Community:**

Request for Qualifications for an Energy Consultant

**2:00 p.m.**

Scott Simmons

### **Flex Session:**

Ordinance Amendments for Sidewalks (Snow)

**2:30 p.m.**

Abigail Martin/Heather Trautman

### **Consent Items (Briefing Papers):**

- |   |                         |
|---|-------------------------|
| 1. Mission Avenue Grind and Overlay   | <b><u>2:45 p.m.</u></b> |
| 2. CSO 24 (1 <sup>st</sup> and Adams) Control Facility Guaranteed Maximum Price   | Dan Buller              |
| 3. Contract for Specialized Testing of Wastewater/Stormwater  | Kyle Twohig             |
| 4. Contract for Upriver Dam Parking lot/Driveway Paving   | Mike Cannon             |
| 5. Contract for Well Study  | John Saywers            |
| 6. Purchase Motor Control Centers for Water Department  | Marcia Davis            |
| 7. Extension of Value Blanket to Purchase Automated Yard Carts for Solid Waste Collection   | Steve Burns             |
| 8. Extension of Value Blanket to Purchase Automated Refuse Carts for Solid Waste Collection   | Scott Windsor           |
| 9. Amend Ordinance C-13628 to Release Utility Easement (Wonder Spokane)   | Scott Windsor           |
| <u>Waste to Energy Facility</u>   | Eldon Brown             |
| 10. Amendment and Extension to Contract for Revised Closure and Post-Closure Plan and Update to Financial Assurances for the Northside Landfill | David Paine             |
| 11. Extension of Contract for Quarterly Crane/Hoist/Trolley and Lifeline Inspections and Preventative Maintenance                               |                         |
| 12. Renewal of Consultant Agreement for Software Maintenance and Technical Support Plus Parts for the Control Systems                           |                         |
| 13. Renewal of Contract for Vacuum Support Services   |                         |
| 14. Renewal of Value Blanket for Purchase of Anhydrous Ammonia and Phosphoric Acid  |                         |
| 15. Renewal of Value Blanket for the Purchase of Hydrochloric Acid  |                         |
| 16. Amendment to Value Blanket for the purchase of Sodium Hydroxide 50%   |                         |
| 17. Renewal of Value Blanket for Compressor Rentals   |                         |

# Public Infrastructure, Environment and Sustainability Committee

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### ***Agenda Continued:***

18. Renewal of Value Blanket for Purchase of High Calcium Quicklime

19. Renewal of Value Blanket for Purchase of Activated Carbon

#### Fleet Services

Steve Riggs

20. Purchase one Terminal Tractor for Waste to Energy

21. Value Blanket Renewal for Purchase of Automotive Batteries

22. Purchase one TV Van for Wastewater Department

23. Purchase two Ford Transit Cargo Vans for Water Department

### **Executive Session:**

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

### **Next Public Infrastructure, Environment and Sustainability Committee Meeting:**

November 27, 2017

**STANDING COMMITTEE MINUTES**  
**City of Spokane**  
**Public Works Committee**  
**September 25, 2017**

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**Attendance:**

**Committee Members Present:**

Council Member Amber Waldref, Committee Chair  
Council Member Breean Beggs  
Council Member Mike Fagan  
Council Member Lori Kinnear  
Council Member Candace Mumm  
Council Member Karen Stratton  
Council President Ben Stuckart

**Staff Present:**

Hannahlee Allers, Legislative Assistant, City Council  
Chris Averyt, Waste to Energy Operations Superintendent  
Chris Cafaro, Streets Department  
Angela Cline, Division Accountant  
Brian Coddington, Director of Communications and Marketing  
Chuck Conklin, Utilities Facilities Director  
Anna Everano, Legislative Assistant, City Council  
Marlene Feist, Strategic Development Director  
Jacob Fraley, Legislative Assistant, City Council  
Luis Garcia, Code Enforcement  
Raylene Gennett, Stormwater District Supervisor  
Ken Gimpel, Business Services Director  
Jacqui Halvorson, Legislative Assistant, City Council  
Gary Kaesemeyer, Director, Street Department  
Dan Kegley, Water Operations Director  
Lisa Key, Planning Services Director, Planning & Development  
Ed Lukas, Director, Asset Management  
Abigail Martin, Community Programs Coordinator, Neighborhood Services  
Brian McClatchey, Policy Advisor, City Council  
Adam McDaniel, Senior Executive Assistant, City Council  
Katherine Miller, Director, Integrated Capital Management Department  
Skyler Oberst, Legislative Assistant, City Council  
Cadie Olsen, Environmental and Sustainability Manager, Environmental Programs  
Mike Ormsby, City Attorney  
Melissa Owens, Project Planner, Planning and Development Services  
Mark Papich, Associate Engineer, Integrated Capital Management Department  
Rick Romero, City of Spokane, Mayor's Office  
Elizabeth Schoedel, Assistant City Attorney  
Scott Simmons, Director, Public Works  
Dave Steele, Asset Management Group  
Tim Szambelan, Assistant City Attorney

Bob Turner, Traffic Operations Engineer, Street Maintenance  
Heather Trautman, Director of Neighborhood Services and Code Enforcement  
Kyle Twohig, Operations Manager, Engineering Services

**Guests Present:**

Kip Hill, Spokesman Review  
Paul Kropp

Council Member Waldref called the meeting to order at 1:30 p.m.

Review and Approval of Minutes:

Council Member Waldref asked for a motion to approve the minutes of the September 11, 2017 meeting.

- **Action Taken:**
- Council Member Beggs moved to approve the minutes of the September 11, 2017 meeting as presented; the motion was seconded by Council Member Stratton. The minutes were approved unanimously.

Consent Agenda

Ecology Grants:

There being no questions on this item, it will be forwarded to Council for consideration.

- **Action Taken:**
- None

Master Commercial Brokerage Services Contract:

There being no questions on this item, it will be forwarded to Council for consideration.

- **Action Taken:**
- None

Contract for Annual Ultrasonic Thickness Testing:

There being no questions on this item, it will be forwarded to Council for consideration.

- **Action Taken:**
- None

Contract for Air Quality Emissions Compliance Testing:

There being no questions on this item, it will be forwarded to Council for consideration.

- **Action Taken:**
- None

Amendment to Contract for Refractory Installation and Sandblasting Services:

There being no questions on this item, it will be forwarded to Council for consideration.

- **Action Taken:**

- None

### Council Requests

#### Strategic Plan Update:

Council Member Waldref began the discussion and distributed the strategic plan timeline. The plan was refined to identify items for a two-year action plan from the six-year strategic plan. Council Member Waldref reviewed the two-year action plan items that were shown to be priorities and the committee provided feedback on the draft layout. The Council Members will give updates at each of the neighborhood meetings that they plan to attend.

#### The YARD Redevelopment Master Plan and Next Steps:

Melissa Owen gave a presentation on the YARD redevelopment master plan and gave an overview of the next steps in the planning process to implement infrastructure projects including stormwater management on a district-wide scale. The Planning Department will have a resolution for Council approval on October 2<sup>nd</sup>.

#### TBD Renewal:

Council President Stuckart began the discussion on the Transportation Benefit District that will expire at the end of this year. Discussion was had on the options of to either let it expire, raise it, or continue as it is currently. Council President gave an overview of the program and other funding sources for street improvements. Discussion was had on the need to address residential and unpaved streets such as Falls Avenue. The Committee agreed to a working group of Council Members Mumm, Council Member Stratton and Council President Stuckart and to bring the item back to the Council for a vote on or by November 27<sup>th</sup>. Tim Szamblen gave an over on the selection of projects and 10% allocation for sidewalk projects by the TBD board and discussed the options for the Council to consider.

### Staff Requests

#### Bids Exceeding Budgets:

Katherine Miller gave a presentation that outline the situations that arise when engineers estimates are exceeded and then bids begin to exceed budgets due to several factors. Katherine discussed the planning, contingency, estimates and inflation factors that create funding gaps. She outlined the example of the Mission Gap Project. ICM is reviewing the range of dates available when applying for funding to give the longest lead time for planning.

#### Update on Snow Plan:

Abigail Martin began the discussion on parking and sidewalks during the snow season identified as November 15 – March 15 of each year. Abigail reviewed the areas that are being looked at such as one seasonal message for parking on the odd side of the street, all season long, each year. Discussion was had on enforcement for parking downtown during the snow season as well as notification for no parking of recreational vehicles and boats on the street and would result in the vehicle being impounded.

### Administrative Reports and Standing Updates

#### Other Updates/Reports:

Residential Unimproved Streets Strategy:

This item was discussed with the TBD Update item above.

2017 Construction Update:

None.

Executive Session:

None.

**Adjournment**

The meeting adjourned at 3:25 p.m.

Prepared by:

Barbara Patrick, Administrative Specialist

Approved by:

\_\_\_\_\_  
Chair

# Briefing Paper

## Public Infrastructure Environmental Sustainability

<b>Division &amp; Department:</b>	Office of Neighborhood Services, Code Enforcement and Parking
<b>Subject:</b>	Amendments to Spokane Municipal Code 12.02, 12.01 & 8.02
<b>Date:</b>	October 13, 2017
<b>Author (email &amp; phone):</b>	Abigail Martin <a href="mailto:amartin@spokanecity.org">amartin@spokanecity.org</a> 509.625.6858
<b>City Council Sponsor:</b>	Council Member Waldref
<b>Executive Sponsor:</b>	Rick Romero
<b>Committee(s) Impacted:</b>	Public Infrastructure Environmental Sustainability
<b>Strategic Initiative:</b>	Innovative Infrastructure, Health and Safety
<b>Deadline:</b>	October 16, 2017

### Background/History:

This is the requested update to the 2017-2018 snow plan, addressing proposed changes to the City Municipal Code in an effort to specify what constitutes an appropriate pedestrian pathway, authorizing the City to have snow removed when citizens fail to keep walkways clear, and charge the Utility Bill for the cost of the snow removal, and defines snow as an obstruction of the right of way.

### Executive Summary:

- Ordinance amendments to Spokane Municipal Code 12.02.010 & 12.02.0210 & 12.01.0804
  - 36" pedestrian pathway with ADA access
  - Snow and ice are determined to be obstructions of the right of way
  - The City may order the removal
  - Billed to the property via Spokane Municipal Code 8.02.068 on the utility bill
  - Identifies a season for snow: November 15-March 15
- Ordinance amendments to Spokane Municipal Code 8.02.068
  - Addition of snow and ice to items like vegetation and debris to what constitutes obstruction of the right of way
  - Sum total of costs to include cost incurred by the City and surcharge of eighty-five dollars as an administrative fee
- Authorized abatement includes:
  - Prioritized areas: Funnel areas where children and families are walking to school, block faces leading up to crosswalks and Downtown
    - Residences & Businesses in these areas will be notified beforehand that they are on a priority walking route to school or CBD and our communication is paired with Spokane Public Schools & DSP outward communication to their parent/student populations
    - Notice may include media, signs, 311
    - Can determine elderly/needy based on Utility Billing lists (Option for waiver or sliding scale)
    -
- Budget breakdown: (over)

Options	Initial Investment	Operation Costs
<b><i>Fleet replacement \$ to purchase tractors, Code and Public Works \$ for operations; Snow removal program around schools/prioritized areas</i></b>	Tractor (1) \$19,000 Blower (1) \$5,000 Broom (1) \$3,734 Truck (repurposed) Trailer (repurposed)  Total initial investment \$27,734	Hourly rate per tractor set  Tractor, blower, truck and trailer \$35 Staff (5 days/week/4 months) \$122  Total hourly rate \$157
<b><i>Snow blowers and 2 FTE for four months; perhaps in the Downtown due to vaulted sidewalks</i></b>	Snow blowers (2) \$3,100 Truck (repurposed)  Total initial investment \$6,200	Hourly rate per snow blowing team  Truck, blower \$25 Staff (5 days/week/4 months) \$122  Total hourly rate \$147
<b><i>Shovels and snow blowers and 6-8 Geiger crew for four months, 20 hrs./week maximum</i></b>	Snow blowers (2) \$3,100 Shovels (6) \$20 Truck (repurposed)  Total initial investment \$6,320	Hourly rate per snow blowing/shoveling team  Snow blowers (2), shovels \$10 Geiger \$48/hour  Total hourly rate \$58
<ul style="list-style-type: none"> <li>Communication (communicated via media, educational campaign, and community partners) proactive patrolling in an effort to enforce 36" pedestrian pathway</li> </ul>		
<b><u>Budget Impact:</u></b>  Approved in current year budget?    No  Annual/Reoccurring expenditure?    Yes  Specify funding source:  Fleet replacement funds, Code Enforcement, Public Works		



Operations Impact:

Consistent with current operations? No

Requires change in current operations? Yes

Specify operations change:

Amendments would allow for deployment of equipment and FTE/temp seasonal to operate and remove snow where property owners had neglected maintenance of a 36" pedestrian pathway. Then Utility Billing would recoup the cost via the monthly bill.

**BRIEFING PAPER**  
**Public Infrastructure, Environment & Sustainability Committee**  
**Engineering Services**  
**October 23, 2017**

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**Subject:**

Mission Grind & Overlay (2014092)

**Background:**

This project will grind & overlay Mission Avenue between Division Street & Hamilton Street and includes miscellaneous storm water system, ADA required curb ramp upgrades and a widened sidewalk from Cincinnati Street to Hamilton Street. Various median pass throughs are also being constructed to improve crossing safety.

**Impact**

This project will be constructed half at a time (westbound then eastbound). One direction of traffic will be detoured onto Indiana, then the other direction.

Work on this project will occur as early in the spring of 2018 as possible and last 8-10 weeks. This project is being closely coordinated with the large Sharp Avenue project planned to begin after Gonzaga graduation next May. There will likely be some overlap of the two projects in late May, but we hope to reduce that overlap as best as possible by beginning the Mission project as early as weather allows.

**Action**

This project is on ad now with bids scheduled to open on October 23, 2017. We plan to put this project on council agenda shortly thereafter.

**Funding**

This project is federally funded.

**Mission Ave. G&O  
Project Location**



**BRIEFING PAPER**  
**Engineering Services**  
**October 23, 2017**

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**Subject:**

CSO 24 (1<sup>st</sup> & Adams) – Amendment #4 Control Facility Construction and Balance of Project (Guaranteed Maximum Price)

**Background:**

CSO 24 is one of two downtown tanks (CSO 26 being the other) both of which are being constructed by the GC/CM delivery method. This delivery method will involve multiple bid packages being let as opposed to the more conventional method where the entire project is bid in a single bid package. With design completed and the bulk of the project bought out, the final guaranteed maximum price has now been established.

**Project Description:**

Phase 4: Control Facility Construction and Balance of Project is the final contract phase for the construction of CSO 24 and consists of the remaining work for the completion of the tank facility, inlet and outlet piping, road restoration, and plaza construction

Previously, early packages have been awarded to accelerate the project construction by relocating utilities, installing outfall piping, and beginning shoring and excavation activities. This package consists of the remainder of the project scope to construct a 2.4 million gallon storage facility with associated restoration, including plaza amenities.

This phase was negotiated with the general contractor/construction manager Walker/Halme Joint Venture. The work is performed in a cost reimbursable format, with a Guaranteed Maximum Price not to exceed \$12,318,194.59 plus tax.

This amendment establishes the final price for the project scope. The total contract cost is \$22,808,548.82 plus sales tax.

**Public Impact:**

One lane of traffic will remain open on either Sprague or Riverside Ave. until fully restored prior to Bloomsday 2018. Next summer, 1<sup>st</sup> Avenue and Cedar will be closed for deep utility installation and an eastbound detour route will be established. Adams St. between Sprague and 1<sup>st</sup>. will continue accommodate local access for KHQ only and be closed to all other traffic.

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Riverside Park Water Reclamation Facility**  
**October 23, 2017**

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**Subject**

Contract award to ALS Environmental for specialized testing of wastewater and stormwater. Fulfills Department of Ecology issued discharge permit requirements.

**Background**

As part of the current NPDES discharge permit, The Riverside Park Water Reclamation Facility (RPWRF) is required by the Department of Ecology to monitor wastewater for three toxic pollutants, PCBs (polychlorinated biphenyls), PBDEs (polybrominated diphenyl ethers), and 2,3,7,8-TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin). PCB testing is also a component of the City's stormwater permit.

Four proposals were received for this testing under RFP #4372-17. The four firms were: Test America, Pacific Rim Laboratories, SGS AXYS, and ALS Environmental. ALS Environmental submitted the lowest cost proposal with a 3 year contract amount of **\$167,790** (\$55,930 per year).

ALS Environmental is one of the largest environmental testing laboratories in the World with numerous offices in North America. Testing completed under this contract would all take place at their Burlington, Ontario, Canada facility. The ALS Burlington Lab specializes in the analyses being requested and has the experience, expertise and resources necessary to meet the needs of the City for this contract.

**Impact**

With the ability to test for these toxic chemicals of concern, RPWRF will be able to assist Ecology and other groups identify potential sources of contamination to the Spokane River. By approving this contract, the City will be able to comply with its NPDES permit requirements and other obligations.

**Action**

Recommend Approval.

**Funding**

This contract will be funded from the RPWRF Laboratory budget.

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Water Department**  
**October 23, 2017**

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**Subject**

Upriver Facility Paving Project (2017169)

**Background**

This project is proposing to perform maintenance on the existing gravel access and parking area for the City's Upriver Dam Facility, see attached maps. The existing gravel access driveway and parking area has been a very high maintenance surface as it currently exists. We propose to utilize the existing gravel base and pave the surface with hot mix asphalt (HMA). We also propose to provide stormwater treatments consisting of bio-swale and low impact development (LID) meeting basic treatment guidelines as required per the Department of Ecology and the Spokane Regional Stormwater Manual within wellhead protection areas.

This background information is provided for council consideration. This project is estimated to cost \$153,000. The project bid opening is on October 23, 2017 and we plan to put this project on council advanced agenda shortly after bid opening.

**Impact**

This work will require coordination with Upriver Dam Facility tours during construction.

**Action**

Recommend Approval.

**Funding**

This contract will be funded by the water department

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Water Department**  
**October 23, 2017**

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**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Water Department**  
**October 23, 2017**

**CITY OF SPOKANE, WASHINGTON**  
**DEPARTMENT OF ENGINEERING SERVICES**

**MAYOR**  
DAVID A. CONDON

**COUNCIL MEMBERS**  
BEN STUCKART, CITY COUNCIL PRESIDENT  
AMBER WALDREY  
BRIANN BEGGS  
KAREN STRATTON  
LORI KINNEAR  
MIKE FAGAN  
CANDACE MUMM

**CITY ADMINISTRATOR**  
THERESA SANDERS

**ENGINEERING OPERATIONS MANAGER**  
KYLE TWOING

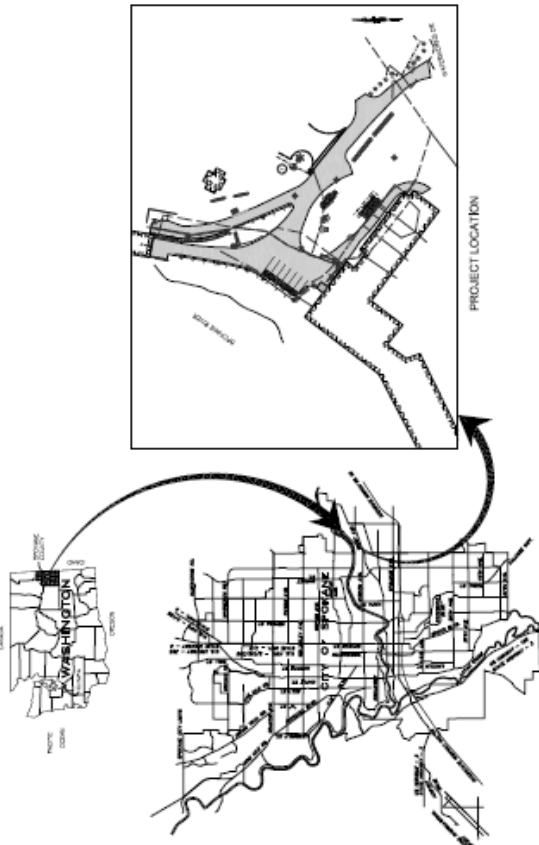
**CITY ENGINEER**  
DAN BULLER, PE

**DIRECTOR OF UTILITIES**  
SCOTT SIMMONS

**DIRECTOR OF WATER AND WASTEWATER COLLECTION**  
DAN KEGLEY

**UPRIVER PARKING LOT IMPROVEMENTS**

**CITY PROJECT # 2017169**



**SHEET INDEX**

- 1.) COVER SHEET / INDEX / VICINITY MAPS
- 2.) PAVING
- 3.) GRADING & DRAINAGE
- 4.) ESC PLANS
- 5.) DETAILS
- 6.) DETAILS
- 7.) DETAILS

APPROVED	DATE
APPROVED	DATE
APPROVED	DATE
APPROVED	DATE



**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Integrated Capital Management**  
**October 23, 2017**

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**Subject**

Contract with GSI Water Solutions, Inc. for Well Station Evaluation.

**Background**

Three drinking water well sites are not operating at the maximum efficiency and study of these wells was added to the Six Year Water Program starting in 2013. A Request for Qualifications (RFQ) was advertised to select a qualified engineering consultant experienced in hydrogeology, groundwater modeling, municipal well construction and well rehabilitation for this evaluation.

RFQ submittals were accepted on August 7, 2017 for Evaluation of Hoffman, Ray Street and Well Electric Well Stations. The selection committee reviewed the four submittals received and to determine the most qualified firm. GSI Water Solutions, Inc. was selected as the most qualified. Contract negotiations have resulted in a scope and fee to complete the work.

**Impact**

Evaluation of Well Sites will determine the most cost effective way to maximize the efficiency, redundancy, and resilience of each well site as well as minimize impacts to the Spokane Valley Rathdrum Aquifer and Spokane River.

**Action**

Recommend Approval of contract with GSI Water Solutions, Inc. for the amount not to exceed \$824,000.

**Funding**

Funding for this project will be from Water Utility Rates.

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment, & Sustainability Committee**  
**Water & Hydroelectric Services Department**  
**October 23, 2017**

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**Subject**

Purchase of Allen-Bradley/Rockwell Automation Motor Control Centers (MCCs) from Columbia Electric Supply (Spokane, WA) by sole source agreement. Purchases for 2017 will total \$286,526.45.

**Background**

With assistance from City Legal, the Water department has standardized on Allen Bradley/Rockwell Automation controls for the City of Spokane Water System and associated Water Pumping Stations (previously resolved on RES 2016-0058). This equipment incorporates comprehensive information and monitoring for the Supervisory Control and Data Acquisition (SCADA) system used to ensure compliance with the Department of Health. A five (5) year sole source agreement is requested to expedite future purchases of this equipment due to the lead time involved.

2017 Purchases:

Central Avenue Well Pump Station MCC – \$99,105.92  
Thorpe Road Booster Station MCC – \$95,247.35  
Ray Street Well Pump Station MCC – \$92,173.18

**Impact**

This agreement will expedite future purchases of this equipment in line with City standards and authorize the immediate purchase of three (3) MCC systems to support current Water Department projects.

**Action**

Recommend approval. This vital equipment is custom designed and, therefore, has substantial lead time.

**Funding**

Funding for the Thorpe Road and Ray Street MCCs has been allocated from the ICM Six Year Capital Plan budget. Funding for the Central Avenue MCC has been allocated from Drinking Water State Revolving Fund (DWSRF) grant money.

**BRIEFING PAPER**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Solid Waste Collection**  
**October 23, 2017**

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**Subject**

One-year extension of a Value Blanket Order with Schaefer Systems International, Inc. (Charlotte, NC) for the purchase of automated yard waste carts.

**Background**

The Solid Waste Collection Department requests a one-year extension of a Value Blanket Order to purchase 95 gallon automated yard waste carts. Bid #4158-15 was issued to 23 suppliers; the contract was awarded to the lowest responsive bidder. The initial contract was for two years with the option of three one-year extensions; this will be the first extension.

In the bid, there was a provision that allowed the winning vendor to request a price adjustment after the initial two-year contract term. Schaefer Systems has requested to increase their pricing by \$4.62 (0.14 x 33 lbs.) per cart due cost increases from their raw material suppliers. There is an industry shortage of high density polyethylene (HDPE) resin resulting from Hurricane Harvey. Schaefer Systems included market data and letters from their HDPE supplier to support their written request.

**Impact**

Diversion from disposal allows residential accounts to benefit from the reduced costs to compost yard waste as well as make a positive environmental impact. These carts have increased collection efficiency since their implementation. Purchase of these carts will allow us to have inventory available for cart replacement, as well as new account growth. The anticipated annual expenditure is \$150,000 (including tax).

**Action**

Recommend approval.

**Funding**

All funding for this purchase will be from the Solid Waste Collection/Recycling/Minor Equipment funds.

**BRIEFING PAPER**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Solid Waste Collection**  
**October 23, 2017**

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**Subject**

One-year extension of a Value Blanket Order with Otto Environmental Systems, LLC (Eloy, AZ) for the purchase of automated refuse carts.

**Background**

The Solid Waste Collection Department requests a one-year extension of a Value Blanket Order to purchase 32 gallon, 68 gallon, and 95 gallon automated refuse carts. Bid #4157-15 was issued to 23 suppliers; the contract was awarded to the lowest responsive bidder. The initial contract was for two years with the option of three one-year extensions; this will be the first extension. Otto Environmental is not requesting a price adjustment as allowed in the bid so pricing will remain unchanged during this contract extension.

**Impact**

Automated refuse carts allow residential accounts to benefit from the automated collection of garbage for disposal. These carts have increased collection efficiency since their implementation. Purchase of these carts will allow us to have inventory available for cart replacement, as well as new account growth. The anticipated annual expenditure is \$200,000 (including tax).

**Action**

Recommend approval.

**Funding**

All funding for this purchase will be from the Solid Waste Collection Operations/Minor Equipment funds.

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Planning and Development**  
**October 23, 2017**

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**Subject**

Amending Ordinance C-13628 that vacated the alley between Mallon & Broadway, from Post to Lincoln as requested by Wonder Spokane, LLC.

**Background**

In 1954 The City vacated the above mentioned alley and reserved an easement for CenturyLink. The reason for amending the vacation ordinance is that the existing building (Wonderbread Building) is built across this alley and is in the process of being remodeled. There is an issue with funding because the title company can't clear title. A map of the easement area is attached.

**Impact**

CenturyLink is in support of this easement release.

**Action**

Recommend Approval.

**Funding**

Not applicable.



# Easement Amendment



Amending Ordinance C-13628 to release the utility easement

## Legend



Easement Area

THIS IS NOT A LEGAL DOCUMENT:  
The information shown on this map is compiled from various sources and is subject to constant revision. Information shown on this map should not be used to determine the location of facilities in relationship to property lines, section lines, streets, etc.



**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Solid Waste Disposal**  
**October 23, 2017**

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**Subject**

Amendment and extension to contract with SCS Engineers, Bellevue, Washington, to provide Revised Closure and Post-closure Plan and Update the Financial Assurances for the Northside Landfill.

**Background**

In September 2015 the City of Spokane contracted with SCS Engineers to provide a revised closure and post-closure plan and update the financial assurances for the Northside Landfill per the amended Washington Administrative Code (WAC) 173-351 *Criteria for Municipal Solid Waste Landfills*. The revised documents were submitted to WA Department of Ecology. Comments were received from the agency.

Additional time plus additional funds are required to address the agency comments. The cost of this amendment is \$10,000.00, and will extend the contract to June 30, 2018.

**Impact**

This contract amendment and extension will ensure that the Northside Landfill will remain in compliance with the WA Department of Ecology and WAC requirements for Closure, Post-closure, and Financial Assurances for the Northside Landfill.

**Action**

Recommend Approval of this contract amendment and extension.

**Funding**

Funding for this contract amendment is included in the 2017 and 2018 Landfill operations budgets.

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Solid Waste Disposal**  
**October 23, 2017**

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**Subject**

Extension of contract with Konecranes, Inc., of Spokane Valley, for quarterly crane/hoist/trolley and lifeline preventative maintenance inspections and unscheduled service calls at the WTE facility.

**Background**

The WTE facility utilizes five cranes, including double girder top-riding cranes, and in-house monorail cranes, and two lifelines in its operations. All of this equipment requires quarterly inspections and as-needed repairs.

Responses of RFP#4075-14 were opened November 3, 2014, and Konecranes Inc., of Spokane Valley, was the only respondent. The original contract was for one year with the option of 4 one-year extensions. This is the 3<sup>rd</sup> of those extensions.

Cost for this extension is \$60,000.00 plus a 10% administrative reserve of \$6,000.00 for a contract total of \$66,000.00 excluding taxes.

**Impact**

The cranes, hoists, and lifelines used at the waste to energy facility must be inspected on schedule, and all inspections and maintenance completed by certified inspectors and technicians. Any equipment that is not maintained on schedule, and in accordance with safety regulations must be taken out of service. This contract will allow for the continued safe operations of the cranes/hoist/ trolley and lifelines at the WTE facility.

**Action**

Recommend Approval of this extension for January 1 to December 31, 2018.

**Funding**

Funding is included in the 2018 operations budget for the WTE facility.



**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Solid Waste Disposal**  
**October 23, 2017**

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**Subject**

Renewal of consultant agreement with ABB, Inc., Portland, Oregon, for software maintenance and technical support plus parts for the control systems at the WTE facility.

**Background**

ABB, Inc., owns a custom proprietary software which is used to enhance the operational effectiveness of the WTE facility to reduce maintenance costs to the City. In October 2014, Council declared ABB, Inc., as a sole source for providing the software and support required to operate the WTE facility's control system. The original contract issued under that sole source resolution was for 3 years with the option to renew for an additional 2 one-year extensions. This is the first of those extensions.

The cost of this renewal is \$125,144.00 plus a 10% administrative reserve of \$12,514.40 for a total of \$137,658.40, excluding taxes.

**Impact**

Utilizing the consultant who is familiar with this proprietary software, and the ability to purchase required parts as necessary will keep the WTE facility operating properly.

**Action**

Recommend Approval of this renewal for November 17, 2017, to November 17, 2018.

**Funding**

Funding for this contract renewal is included in the 2017 and 2018 operations budgets for the WTE facility.

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Solid Waste Disposal**  
**October 23, 2017**

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**Subject**

Renewal of Contract with Big Sky Industrial of Spokane for vacuum support services at the WTE facility.

**Background**

During maintenance outages at the WTE Facility sandblasting material is used throughout the boiler depending on work being performed. Vacuum support services are needed for vacuuming sandblast sand and cleanup of various levels after sandblasting is complete.

Also required is the vacuuming of sump and water jet transfer line in the ash house and vacuuming of carbon room and overflow areas, as well as water wash of air cooled condensers. All work must be done with no vacuum exhaust being released outside the building. All vacuum materials will be disposed on site at the waste to energy facility.

The original contract was for one year, with 4 additional one-year extensions. This is the 3<sup>rd</sup> of those extensions. Cost of this extension is \$150,000.00 plus a 10% administrative reserve of \$15,000.00 for a contract total of \$165,000.00 excluding taxes.

**Impact**

The sandblasting of the boilers and other outage related cleaning produces sand, ash, and other materials that must be collected and disposed of for employee safety and environmental protection. This contract allows this work to be done in a safe and environmentally conscious manner.

**Action**

Recommend Approval contract renewal for January 1 to December 31, 2018.

**Funding**

Funding is included in the 2018 operations budget for the WTE facility.

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Solid Waste Disposal**  
**October 23, 2017**

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**Subject**

Renewal of Value Blanket with Brenntag Pacific, Inc., for purchase of Anhydrous Ammonia and Phosphoric Acid for the WTE Facility.

**Background**

Anhydrous ammonia and phosphoric acid are required for the operation of the WTE Facility. Brenntag Pacific, Inc., has agreed to provide both anhydrous ammonia and phosphoric acid with no price increase over 2017.

The original Value Blanket was for 1 year with the option of 4 one-year renewals. This is the 3<sup>rd</sup> of those renewals.

The cost to provide these chemicals for the WTE Facility is \$579,150.00. This amount is based on the following estimates:

Phosphoric Acid - \$208,809.81 plus taxes of \$18,375.26 for a total of \$227,185.07

Anhydrous Ammonia - \$323,496.00 plus taxes of \$28,467.65 for a total of \$351,963.65.

**Impact**

Continued on-time deliveries of anhydrous ammonia and phosphoric acid will allow for the uninterrupted operation of the WTE Facility.

**Action**

Recommend Approval of this Value Blanket renewal for the period January 1, 2018 to December 31, 2018.

**Funding**

Funding for these chemicals is included in the 2018 WTE Facility operations budget.

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Solid Waste Disposal**  
**October 23, 2017**

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**Subject**

Renewal of Value Blanket with Northstar Chemical of Tualatin, Oregon, for the purchase of Hydrochloric Acid for the WTE Facility.

**Background**

Hydrochloric acid is required for the operation of the WTE facility. On October 20, 2014, the City received 3 bids in response to RFB#4059-14. Northstar Chemical was the lowest cost bidder. The original RFB allowed for a 1-year agreement with 4 additional 1-year renewals. This is the 3<sup>rd</sup> of those renewals. Northstar Chemical has agreed to hold the pricing the same as 2016 and 2017.

The cost of this renewal is \$37,814.40 plus taxes of \$3,327.67 for a total of \$41,142.07.

**Impact**

Renewal of this value blanket will allow for the uninterrupted operation of the WTE facility.

**Action**

Recommend Approval of this Value Blanket renewal for January 1 to December 31, 2018.

**Funding**

Funding for this value blanket is included in the 2018 operations budget for the WTE facility.

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Solid Waste Disposal**  
**October 23, 2017**

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**Subject**

Amendment to Value Blanket with BHS Specialty Chemical Products (Nampa, ID) for purchase of Sodium Hydroxide 50% Membrane (Caustic Soda).

**Background**

Sodium Hydroxide is required for the operation of the waste to energy facility. On October 6, 2014, four sealed bids were received for purchase of Sodium Hydroxide 50%. BHS Specialty was the lowest cost bidder.

Due to a higher than expected receipt of waste for disposal at the waste to energy, Sodium Hydroxide 50% Membrane (Caustic Soda) usage has been higher than anticipated in 2017. This amendment will add funds to allow for purchase of additional Sodium Hydroxide that is required due to the additional waste.

Cost of the Amendment is \$20,000.00 for the remainder of 2017.

**Impact**

This purchase will allow for the continued uninterrupted operation of the WTE.

**Action**

Recommend Approval of this Value Blanket amendment.

**Funding**

Funding is included in the 2017 operations budget.

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Solid Waste Disposal**  
**October 23, 2017**

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**Subject**

Renewal of Value Blanket with Atlas Copco of Arlington, Washington, for compressor rentals during scheduled outages and on an as-needed basis.

**Background**

Responses to RFP#4066-14 were received on November 27, 2014, with Atlas Copco being the only respondent.

Compressor rentals are required for the WTE Facility during scheduled and unscheduled outages and on an as-needed basis. The original Value Blanket was for one year, with 4 additional one-year extensions. This is the 3<sup>rd</sup> of those extensions.

The cost of this Value Blanket renewal is \$124,167.44 plus taxes of \$10,926.73 for a total of \$135,094.17.

**Impact**

Rental of these compressors will allow the WTE Facility to support maintenance operations during routine and non-routine outages, as well as support operation of the facility in the event of a compressor failure.

**Action**

Recommend Approval of this Value Blanket renewal for January 1, 2018 to December 31, 2018.

**Funding**

Funding for this Value Blanket is included in the 2018 operations budget for the WTE Facility.

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Solid Waste Disposal**  
**October 23, 2017**

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**Subject**

Renewal of Value Blanket with Graymont Western US, Inc., of Salt Lake City, for purchase of high calcium quicklime for the WTE facility.

**Background**

On October 27, 2014, sealed bids were opened in response to RFB #4064-14 to provide the WTE facility with high calcium quicklime. The high calcium quicklime is used to reduce acid in the flue gasses. Water is added to the powdered lime to create a slurry which is injected into the flue to remove hydrochloric acid and SO<sub>2</sub> to comply with environmental regulations. The slurry also helps to cool the flue gasses to the correct emission temperature.

The original RFB allowed for 1 year with 4 additional 1-year renewals. This is the 3<sup>rd</sup> of those renewals.

The cost of this Value Blanket is \$1,287,360.00 plus taxes of \$113,287.68 for a total of \$1,400,647.68.

**Impact**

Uninterrupted deliveries of high calcium quicklime will allow the WTE facility to continue to operate.

**Action**

Recommend Approval of this Value Blanket renewal for December 2, 2017 to December 1, 2018.

**Funding**

Funding for this purchase is included in the 2018 operations budget for the WTE facility.

**BRIEFING PAPER**  
**City of Spokane**  
**Public Infrastructure, Environment and Sustainability Committee**  
**Solid Waste Disposal**  
**October 23, 2017**

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**Subject**

Renewal of Value Blanket with Cabot Norit Activated Carbon, Marshall, Texas, for purchase of activated carbon for use at the WTE Facility.

**Background**

On October 8, 2015, the City issued RFB #4174-15 to procure activated carbon for use in the WTE facility. Six bids were received. Cabot Norit Activated Carbon was selected as the lowest cost bidder

Cabot Norit has agreed to renew this value blanket with a 3.26% increase. This is the first increase under this bid. The initial term was for 1 year with the option to renew for 4 additional 1-year periods. This is the 2<sup>nd</sup> of those renewals.

The cost of this Value Blanket is \$76,950.00 plus taxes of \$6,771.60 for a total of \$83,721.60.

**Impact**

The Air Operating Permit for the WTE facility requires that the pollution control equipment reduce mercury and dioxin and furans that could potentially be released into the atmosphere. Activated carbon injected into the flue gas aids in this reduction, and is required to be in compliance with the Title V Air Operating Permit. If the pollution control equipment is not operating, the WTE facility would have to shut down or risk violating permit conditions or potentially causing harm to the environment.

**Action**

Recommend Approval of this Value Blanket for December 2, 2017 to December 1, 2018.

**Funding**

Funding is included in the 2018 operations budget for the WTE facility.

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**BRIEFING PAPER**  
**City of Spokane - Fleet Services**  
**Public Infrastructure, Environment & Sustainability Committee**  
**October 23, 2017**

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**Subject**

Purchase of one terminal tractor for the Waste To Energy (WTE) plant from Leavitt Machinery (Spokane, WA) for \$117,211.59 incl. tax.

**Background**

This terminal tractor was put out to bid (#4397-17) with Leavitt Machinery being the most economical choice of the three received. Although this was the highest of the three bids, it is available now versus the other two options, which would be three to four months before receiving the new unit. This year we have spent \$21,991 keeping the current unit in operation and are in need of a replacement sooner rather than later. The warranty offered on the choice recommended for approval exceeds the other two bids as well. Furthermore, the Tico's standard options are superior to what the Ottawa offers.

**Impact**

This terminal tractor is replacing a unit that has reached the end of its economic lifecycle.

**Action**

Recommend approval.

**Funding**

Funds are available in the WTE budget.

**BRIEFING PAPER**  
**City of Spokane - Fleet Services**  
**Public Infrastructure, Environment & Sustainability Committee**  
**October 23, 2017**

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**Subject**

The renewal of the Value Blanket (VB) with Battery Systems of Spokane of Spokane for the purchase of automotive batteries for an estimated annual expenditure of \$48,000.00.

**Background**

This is a renewal of an annual Value Blanket to purchase automotive batteries as needed for the Fleet Services department.

**Impact**

Batteries are purchased by Fleet Services for use throughout the city of Spokane fleet of equipment.

**Action**

Recommend approval.

**Funding**

Funds are available in the Fleet Services Department budget.

**BRIEFING PAPER**  
**City of Spokane - Fleet Services**  
**Public Infrastructure, Environment & Sustainability**  
**Committee**  
**October 23, 2017**

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**Subject**

Purchase of one TV Van for the Wastewater Department.

**Background**

This purchase of one TV Van for the Wastewater Department for \$269,544.21 incl. tax will be purchased with R.S. Technical Services through two nationally bid contracts. The chassis will be off of the NJPA contract and the body will be off of the HGAC Buy contract.

**Impact**

This TV Van is a replacement unit that has reached the end of its economic lifecycle.

**Action**

Recommend approval.

**Funding**

Funds are available in the Wastewater Department's budget.

**BRIEFING PAPER**  
**City of Spokane - Fleet Services**  
**Public Infrastructure, Environment & Sustainability Committee**  
**October 23, 2017**

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**Subject**

Purchase of two Ford Transit Cargo Vans for the Water Department.

**Background**

Purchase of two cargo vans for the Water Department through the State contract for \$59,535.45 incl. tax.

**Impact**

These cargo vans are replacement units for vans that have reached the end of their economic lifecycle.

**Action**

Recommend approval.

**Funding**

Funds are available in the Water Department's budget.