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 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.

**Minutes:**
Approval of Minutes of the September 25, 2017 meeting.

**Priority Strategies:**
Cleaner River, Faster – Water Quality Standards
Two-Year Strategic Priorities
Mayor Condon
Rick Romero

**Rapidly Accelerating Street Pavement Maintenance Projects:**
Overview of 2017 Projects Techniques
Scott Simmons

**Repurposing Public Property to Stimulate Private Investment:**
None
No report this meeting.

**Smart Use of Water Resources for Economic Growth:**
None
No report this meeting.

**Putting Our Renewable Energy Resources to Work in the Community:**
Request for Qualifications for an Energy Consultant
Scott Simmons

**Flex Session:**
Ordinance Amendments for Sidewalks (Snow)
Abigail Martin/Heather Trautman

**Consent Items (Briefing Papers):**
1. Mission Avenue Grind and Overlay
   Dan Buller
2. CSO 24 (1st and Adams) Control Facility Guaranteed Maximum Price
   Kyle Twohig
3. Contract for Specialized Testing of Wastewater/Stormwater
   Mike Cannon
4. Contract for Upriver Dam Parking lot/Driveway Paving
   John Saywers
5. Contract for Well Study
   Marcia Davis
6. Purchase Motor Control Centers for Water Department
   Steve Burns
7. Extension of Value Blanket to Purchase Automated Yard Carts for Solid Waste Collection
   Scott Windsor
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)
   Eldon Brown
10. Waste to Energy Facility
    David Paine
11. Amendment and Extension to Contract for Revised Closure and Post-Closure Plan and Update to Financial Assurances for the Northside Landfill
    David Paine
12. Extension of Contract for Quarterly Crane/Hoist/Trolley and Lifeline Inspections and Preventative Maintenance
    David Paine
    David Paine
14. Renewal of Contract for Vacuum Support Services
    David Paine
15. Renewal of Value Blanket for Purchase of Anhydrous Ammonia and Phosphoric Acid
    David Paine
16. Renewal of Value Blanket for the Purchase of Hydrochloric Acid
    David Paine
17. Amendment to Value Blanket for the purchase of Sodium Hydroxide 50%
    David Paine
18. Renewal of Value Blanket for Compressor Rentals
    David Paine

**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.
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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  

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

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

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
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:**
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 2nd.

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 27th. 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

<table>
<thead>
<tr>
<th>Division &amp; Department:</th>
<th>Office of Neighborhood Services, Code Enforcement and Parking</th>
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<tbody>
<tr>
<td>Subject:</td>
<td>Amendments to Spokane Municipal Code 12.02, 12.01 &amp; 8.02</td>
</tr>
<tr>
<td>Date:</td>
<td>October 13, 2017</td>
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<tr>
<td>Author (email &amp; phone):</td>
<td>Abigail Martin <a href="mailto:amartin@spokanecity.org">amartin@spokanecity.org</a> 509.625.6858</td>
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<tr>
<td>City Council Sponsor:</td>
<td>Council Member Waldref</td>
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<td>Executive Sponsor:</td>
<td>Rick Romero</td>
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<tr>
<td>Committee(s) Impacted:</td>
<td>Public Infrastructure Environmental Sustainability</td>
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<tr>
<td>Strategic Initiative:</td>
<td>Innovative Infrastructure, Health and Safety</td>
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<td>Deadline:</td>
<td>October 16, 2017</td>
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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)
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<tr>
<th>Options</th>
<th>Initial Investment</th>
<th>Operation Costs</th>
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</table>
| Fleet replacement $ to purchase tractors, Code and Public Works $ for operations; Snow removal program around schools/prioritized areas | Tractor (1) $19,000  
Blower (1) $5,000  
Broom (1) $3,734  
Truck (repurposed)  
Trailer (repurposed)                                                | Hourly rate per tractor set  
Tractor, blower, truck and trailer $35  
Staff (5 days/week/4 months) $122                                                                                                    |
|                                                                       | Total initial investment $27,734                                                   | Total hourly rate $157                                                                                                                                |
| Snow blowers and 2 FTE for four months; perhaps in the Downtown due to vaulted sidewalks | Snow blowers (2) $3,100  
Truck (repurposed)                                                                               | Hourly rate per snow blowing team  
Truck, blower $25  
Staff (5 days/week/4 months) $122                                                                                 |
|                                                                       | Total initial investment $6,200                                                     | Total hourly rate $147                                                                                                                                  |
| Shovels and snow blowers and 6-8 Geiger crew for four months, 20 hrs./week maximum          | Snow blowers (2) $3,100  
Shovels (6) $20  
Truck (repurposed)                                                                             | Hourly rate per snow blowing/shoveling team  
Snow blowers (2), shovels $10  
Geiger $48/hour                                                                                          |
|                                                                       | Total initial investment $6,320                                                     | Total hourly rate $58                                                                                                                                  |

- Communication (communicated via media, educational campaign, and community partners) proactive patrolling in an effort to enforce 36” pedestrian pathway

**Budget Impact:**

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

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.
Subject: CSO 24 (1st & 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, 1st Avenue and Cedar will be closed for deep utility installation and an eastbound detour route will be established. Adams St. between Sprague and 1st. will continue accommodate local access for KHQ only and be closed to all other traffic.

For further information, please contact Kyle Twohig, Engineering Services, 625-6152 or ktwohig@spokanecity.org
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.
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.
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.
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.
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.

For further information, please contact Scott Simmons, Director of Public Works 625.6584 or smsimmons@spokanecity.org.
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.

For further information, please contact Scott Simmons, Director of Public Works 625.6584 or smsimmons@spokanecity.org.
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.
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.
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 3rd 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.
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.
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 3rd 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.
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 3rd 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.
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 3rd 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.
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.
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 3rd 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.
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 SO2 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 3rd 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.
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\textsuperscript{nd} 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.
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.
Subject
The renewal of the Value Blanket (VB) with Battery Systems 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.
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.
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.