Public Infrastructure, Environment and Sustainability Committee
Meeting Agenda for
February 26, 2018
1:15 p.m. – COUNCIL BRIEFING CENTER

The Spokane City Council's Public Infrastructure, Environment and Sustainability Committee meeting will be held at **1:15 p.m. on February 26, 2018** in Council Briefing Center, Lower Level, City Hall, 808 West Spokane Falls Boulevard, Spokane, Washington.

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

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

AGENDA

I. Call to Order

II. Approval of minutes from January 22, 2018 meeting

III. Consent Items

1. Purchase six Replacement Vehicles for Streets and Water – Steve Riggs
2. Property Acquisition for Future South Hill Water Reservoir – Dave Steele
3. Purchase of Miscellaneous Waterworks – Loren Searl
4. Contract for Composting Organic Materials – Scott Windsor
5. Biosolids Incineration Feasibility Study – Chuck Conklin
6. Contract Extension for Groundwater Monitoring and Reporting at Northside Landfill – David Paine
7. Mechanical Repairs at Waste to Energy – David Paine
8. Scaffolding Services at Waste to Energy – David Paine
9. Renewal of Contract for Bioxide to Riverside Park Water Reclamation Facility (RPWRF) – Mike Coster
10. Contract for Dry and Liquid Polymer to RPWRF – Mike Coster
11. Greene Street and Ermina Avenue Intersection Signalization – Dan Buller
12. Utility Design Agreement with WSDOT for NSC – Kevin Picanco
13. 2018 Transportation Grant Opportunities – Brandon Blankenagel
14. Resolution and Contract for Purchase of Huber Equipment and Parts for RPWRF – Mike Coster

IV. Discussion Items

A. Council Requests
   1. Discuss keeping Spokane Falls Boulevard closed to vehicular traffic between Lincoln and Monroe – Council Member Burke (15 minutes) (Discuss under Priority Strategy 2 below)

B. Staff Requests
   1. Alley/Unimproved Street Program – Gary Kaesemeyer (10 minutes)

2. Leak Detection – Dan Kegley (15 minutes)

V. Strategic Plan Session

A. Priority Strategy 1: Rapidly Accelerating Street Paving Maintenance Projects
- No report this meeting.

B. Priority Strategy 2: Repurposing Public Property to Stimulate Private Investment
- Western Gateway, Trail and River Partnerships – Rick Romero/Katherine Miller (30 minutes)
  - Post Street Bridge Design Bid Proposed Award – Mark Serbousek/Kyle Twohig (10 minutes)
- Investments in PDA's – Rick Romero (15 minutes)

C. Priority Strategy 3: Smart Use of Water Resources for Economic Growth
- No report this meeting.

D. Priority Strategy 4: Putting our Renewable Energy Resources to Work in the Community
- No report this meeting.

VI. Executive Session

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

VII. Adjournment

Next Public Infrastructure, Environment, and Sustainability Committee Meeting

March 26, 2018 1:15 p.m. in the Council Briefing Center

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

STANDING COMMITTEE MINUTES
City of Spokane
Public Infrastructure, Environment, and Sustainability
January 22, 2018

Committee Members Present
Council Member Breean Beggs, Committee Chair
Council Member Mike Fagan, Vice Committee Chair
Council Member Kate Burke
Council Member Lori Kinnear
Council Member Candace Mumm
Council Member Karen Stratton
Council President Ben Stuckart

Staff Present
Hannahlee Allers, Brandon Blankenagel, Eldon Brown, Steve Burns, Tija Danzig, Marcia Davis, Anna Everano, Marlene Feist, Jacob Fraley, Raylene Gennett, Ken Gimpel, Joel Graff, Kara Heatherly, Brian McClatchey, Adam McDaniel, Louis Meuler, Katherine Miller, Inga Note, Skyler Oberst, Cadie Olsen, David Paine, Alex Reynolds, Rick Romero, Jim Sakamoto, Elizabeth Schoedel, Scott Simmons, Bethiah Streeter, Heather Trautman, Kyle Twohig, Andrew Worlock

Guests Present
Paul Kropp

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

Review and Approval of Minutes
Council Member Beggs asked for a motion to approve the minutes of the December 18, 2017 meeting.

- Action Taken
- Council Member Fagan moved to approve the minutes of the December 18, 2017 meeting as presented; the motion was seconded by Council President Stuckart. The minutes were approved unanimously.

Consent Items (Briefing Papers only)
1. I07c Tank Site Easement Amendment
2. Vacation of the east 15 feet of South Riverton – Sinto to Sharp
3. Value Blanket to Purchase Sodium Hydroxide 50% Membrane (Caustic Soda)
4. Renewal of Value Blanket for Purchase of Grizzly Feed Belt for Waste to Energy
5. Extension of Contract to Provide Boilermaker Services for Waste to Energy
6. Sprague Administrative Reserve Increase
7. Wal-Mart Community Projects Grants

Discussion Items
A. Council Requests
   1. Ray/Freya Alternatives Analysis

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Inga Note gave a brief overview of what the project timeline. Traffic count collection and existing conditions analysis have been completed and the next steps will be to develop forecast volumes, analyze future build out. The next public meetings will be held in March and May and the final report to Council to follow June-August.

B. Staff Requests

1. Kickoff of Comprehensive Plan Update for Utilities

   Katherine Miller began the discussion on the update to create a 20-year comprehensive plan similar to the street program for Water, Stormwater, and Sewer systems. The first steps will be the technical analysis and gathering of information. Marcia reviewed information on the steps that will be taken to gather information, conduct interviews, analyze the systems along with take into consideration the opportunities and identify challenges. Marcia spoke about the framework for developing the comprehensive plan. Discussion was had on population projections; Louis discussed the process to review projections of surrounding communities.

2. Impact Fees

   Inga Note gave an update on impact fees. She discussed the updates suggested by the advisory committee. Some changes were to include the West Plains, reductions types of pedestrian and bicycle connections, spaces for covered bicycle parking, and transit stop improvements. The code has a provision to adjust the fees and costs annually, Inga discussed the indices that could be used. She discussed the land use revisions and PDA investments. The advisory committee recommends updates every four to six years on several criteria. Inga gave an overview of several projects.

3. Bike Share Update

   Brandon Blankenagel gave a brief update on the schedule. The grant received in 2015 for developing the framework and an RFP has been completed to create that design with a selection made and a contract finalized in the next few weeks.

4. Six-Year Transportation Program 2019-2024

   Brandon Blankenagel gave a brief overview of this year's update to the Transportation Program. Discussion was had on the new projects going into the program, including the decking for Hatch Street Bridge, Wellesley between Freya and Havana and others included on the draft reconciliation sheet handed out at the meeting.

<u>Priority Strategies</u>

<u>Priority Strategy 1. Rapidly Accelerating Street Pavement Maintenance Projects</u>

- 2018 Construction Update

  Scott Simmons began the discussion with an overview of the strategic investments including $5 million grant for pavement preservation, $67 million, and about $90 million in progress carrying over from 2017. Kyle continued the discussion with an overview of the key street projects including, Monroe Street, Sharp Avenue, High

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Drive – 28th to 21st to eliminate the outfall to Latah Creek, Five Mile Road, and Sunset Boulevard. Kyle spoke to the specifics of the projects and the timelines. Kyle reviewed the projects in and around downtown such as the University District Gateway Bridge that has already begun, the final phase of Martin Luther King Jr. Way, and the Post Street Bridge in 2018 and 2019. Discussion was had on the final CSO projects including Kendall Yards, Main Avenue and CSO 14/15 utilizing green solutions with six other projects currently underway. Scott Simmons discussed the lists of Arterial and Residential grind and overlay projects throughout the city.

Priority Strategy 2. Repurposing Public Property to Stimulate Private Investment

- Investments in PDA's

  Rick Romero began the discussion on investments in Public Development Areas. It was suggested to focus on the Northeast and West Plains with this Committee and refer to Urban Experience for the University District PDA. Discussion was had on several areas to define such as business planning, fund allocations, including the governing boards in the process and infrastructure improvements through emerging opportunities and/or through the capital plan process.

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

- Water Conservation Forum

  Council Member Beggs discussed the proposal to hold a forum to focus on water conservation in the Spokane area. This would allow a conversation with stakeholders to have a broad look at the impacts to the aquifer, talk about trends, hydrology, and efforts for water conservation. It will be held 5:30 p.m. February 27.

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

- No report this meeting.

Executive Session
None.

Adjournment
The meeting adjourned at 3:00 p.m.

Prepared by:
Barbara Patrick, Administrative Specialist

Approved by:

_____
Chair

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Briefing Paper
Public Infrastructure, Environment & Sustainability Committee

Division & Department:	Public Works Division, Fleet Services Department
Subject:	Purchase of six vehicles for two departments
Date:	26 February 2018
Contact (email & phone):	Steve Riggs (sriggs@spokanecity.org 625-7706)
City Council Sponsor:	
Executive Sponsor:	Scott Simmons
Committee(s) Impacted:	Public Infrastructure, Environment & Sustainability Committee
Type of Agenda item:	■ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	These purchases are in the departments 2018 budget.
Strategic Initiative:	
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	

Background/History:

Purchase two ¾ ton pick-up trucks for the Street Department for $87,682.59 including tax, and two Escapes and two cargo vans for the Water Department totaling $109,343.10 including tax.

Executive Summary:

- *These six vehicles are replacement units for vehicles that have reached the end of their life cycle*
- *Sate Contract 05916 provides the most economical procurement method at this time*

Budget Impact:

Approved in current year budget? ■ Yes ☐ No ☐ N/A
Annual/Reoccurring expenditure? ☐ Yes ■ No ☐ N/A
If new, specify funding source:
Other budget impacts: (revenue generating, match requirements, etc.)

Operations Impact:

Consistent with current operations/policy? ■ Yes ☐ No ☐ N/A
Requires change in current operations/policy? ☐ Yes ■ No ☐ N/A
Specify changes required:
Known challenges/barriers:

Briefing Paper

Public Infrastructure, Environment & Sustainability Committee

Division & Department:	Finance & Administration, Asset Management
Subject:	Property Acquisition for Future South Hill Water Reservoir
Date:	1/29/2018
Author (email & phone):	Dave Steele, 625-6064
City Council Sponsor:	TBD
Executive Sponsor:	Scott Simmons
Committee(s) Impacted:	PIES
Type of Agenda item:	**XX** Consent Discussion Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	Water System Plan 6 Year Capital Program
Strategic Initiative:	NA
Deadline:	June 2018
Outcome: (deliverables, delivery duties, milestones to meet)	Acquisition of property for future water reservoir

Background/History:

The Water System Plan identified that there is a deficiency of water storage capacity on the South Hill. As part of the City's 6 Year capital program, dollars have been allocated for the acquisition of property for a new reservoir location.

Collaborating with Integrated Capital Management on site requirements such as elevation, proximity, and site square footage, suitable areas of the south hill were identified.

With the intent of meeting the capacity need and site requirements, City staff has negotiated the acquisition of property suitable for the construction of the new reservoir. This property meets the needs of the water system both geographically and in elevation. The seller has agreed to the purchase price of $281,801 and is set to close on the sale of the property at the City's convenience.

Executive Summary:

- *Water System Plan identifies a deficiency in water storage capacity on the South Hill*
- *6 Year Capital Program has allocated funds for property acquisition*
- *Utilizing site requirements and constraints provided by Integrated Capital, locations were selected*
- *Staff has negotiated the acquisition of a suitable property with a willing seller*
- *Total acquisition cost is $281,000 plus applicable closing costs for a total of approximately $300,000*

Budget Impact:

Approved in current year budget? **XX** Yes No

Annual/Reoccurring expenditure? Yes **XX** No

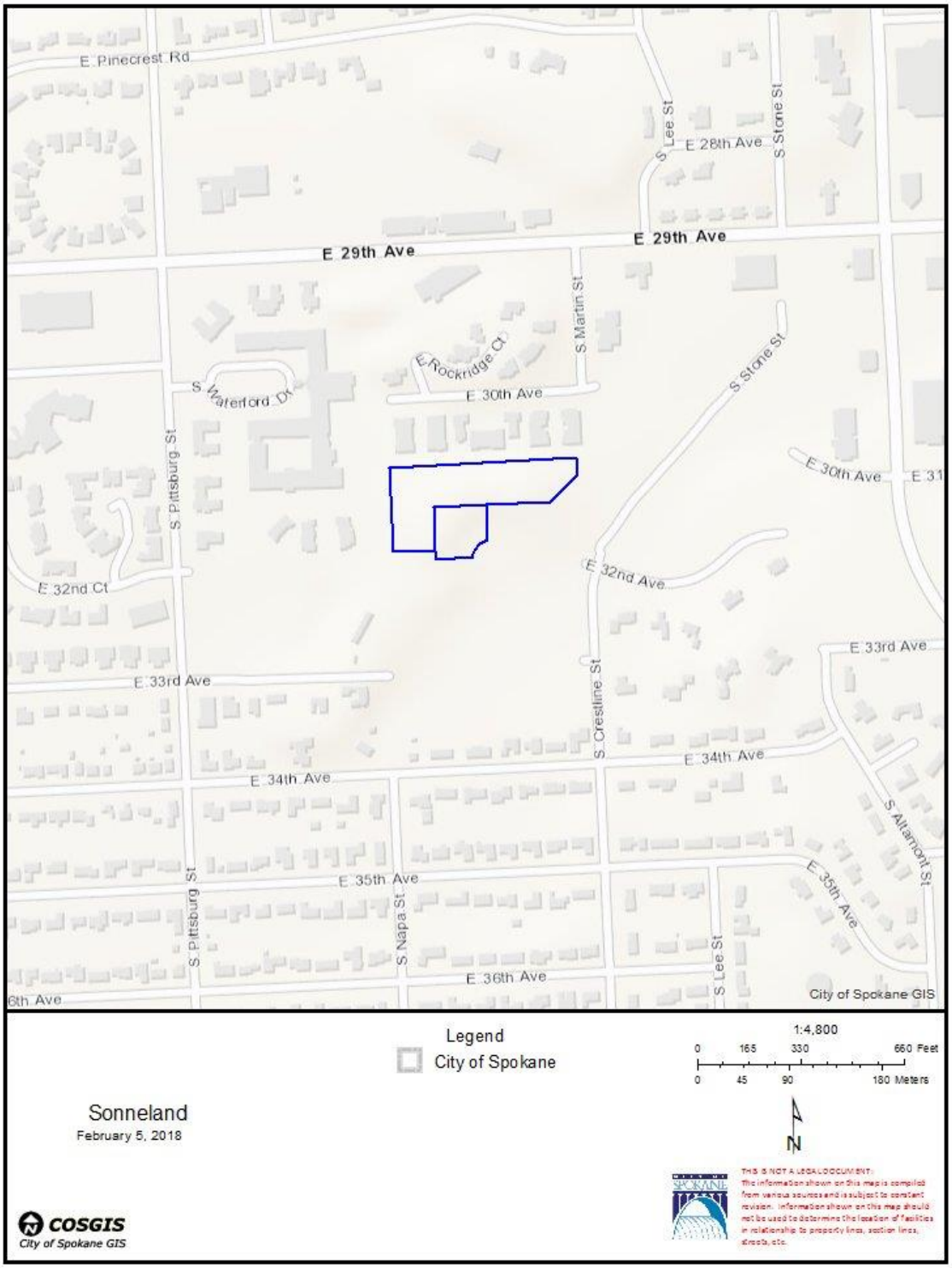
If new, specify funding source:

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

Operations Impact:

Consistent with current operations/policy?	**XX** Yes	No
Requires change in current operations/policy?	Yes	**XX** No
Specify changes required:		
Known challenges/barriers: **None**		

Property Location Map



Briefing Paper
Public Infrastructure, Environment, and Sustainability Committee

Division & Department:	Public Works, 4100 Water & Hydroelectric Services
Subject:	Miscellaneous Waterworks Products
Date:	2/26/2018
Author (email & phone):	Loren Searl, lsearl@spokanecity.org ext. 7851
City Council Sponsor:	---
Executive Sponsor:	---
Committee(s) Impacted:	PIES
Type of Agenda item:	☑ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	Funding for these purchases has been allocated in the Water & Hydroelectric Services department budget.
Strategic Initiative:	Innovative Infrastructure, Urban Experience
Deadline:	Products needed to support 2018 construction/repair season
Outcome: (deliverables, delivery duties, milestones to meet)	These orders support efficient and competitive procurement of the known products required to support this year's construction/repair projects for water service throughout the City of Spokane.

Background/History: *On Monday, February 5, 2018 sealed bids were opened to provide the Water Warehouse with Miscellaneous Waterworks Products in support of the 2018 service season. Five (5) bids were received itemizing costs across eighteen (18) item categories. Award of this business is recommended across four (4) bid respondents as detailed in the Executive Summary below. These recommendations are in accordance with the low bidder meeting specifications for each of the eighteen (18) categories.*

Total Business Awarded: $1,066,185.88 including tax

Executive Summary:

- *Award of items competed on Bid #4433-18 Miscellaneous Waterworks Products as follows:*
  - *Core & Main (Spokane, WA) - $814,587.79 including tax*
    - *Item 3: Compression Brass Fittings*
    - *Item 5: Ductile Iron Fittings*
    - *Item 7: Megalug Field Lok Gaskets*
    - *Item 9: Ductile Iron Pipe*
    - *Item 10: HDPE Poly Pipe*
    - *Item 12: Tapping Sleeves*
    - *Item 13: Valves*
    - *Item 16: Coiled Pit Setter Meter Boxes*
    - *Item 18: Dilley Lug/Eye Bolt*
  - *M&L Supply (Spokane, WA) - $150,879.32 including tax*
    - *Item 6: Galvanized Fittings*
    - *Item 8: Copper Pipe*
  - *HD Fowler Co. (Spokane, WA) - $65,707.07 including tax*
    - *Item 1: Brass*
    - *Item 4: Repair Couplings*
    - *Item 11: Service Saddles*
    - *Item 17: All Thread*

- *Ferguson Waterworks (Spokane Valley, WA) - $35,011.70 including tax*
  - *Item 2: Clamps*
  - *Item 14: Butterfly Valves*
  - *Item 15: Combination Valves*

Budget Impact:

Approved in current year budget? ☑ Yes ☐ No

Annual/Reoccurring expenditure? ☐ Yes ☑ No

If new, specify funding source: ---

Other budget impacts: ---

Operations Impact:

Consistent with current operations/policy? ☑ Yes ☐ No

Requires change in current operations/policy? ☐ Yes ☑ No

Specify changes required: N/A

Known challenges/barriers: N/A

Briefing Paper
Public Infrastructure, Environment, and Sustainability

Division & Department:	Public Works / 4500 – Solid Waste Collection
Subject:	Contract with Barr-Tech, LLC.
Date:	February 26, 2018
Author (email & phone):	Scott Windsor (swindsor@spokanecity.org) 509.625.7806
City Council Sponsor:	Mike Fagan
Executive Sponsor:	Scott Simmons, Public Works Director
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability
Type of Agenda item:	☑ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	Solid Waste Collection & Disposal Departments' Operating Budgets
Strategic Initiative:	
Deadline:	Current short-term contract extension expires February 28, 2018
Outcome: (deliverables, delivery duties, milestones to meet)	Allows both departments to compost organic materials collected curbside from residential accounts or self-hauled to the Waste to Energy Facility by city and county customers.

Background/History: *Five-year contract, with option to extend for one (1) five-year period, to transport, process and compost residential organics – annual estimated expenditure $1,300,000. RFP #17-4420 was issued to 21 firms that provide services in the solid waste industry. Barr-Tech, LLC was the only response received and met all qualifications as set forth in the RFP.*

Executive Summary:

- *$46.75/ton for Solid Waste Collection to deliver residential organics to Barr-Tech's transfer station (Action Materials located at 9518 South Grove Road, Spokane, WA 99224) – estimated annual expenditure $800,000.*
- *$46.75/ton for Barr-Tech to collect residential organics at the Waste to Energy Facility and transport 22 miles to compost facility (Barr Regional Bio-Industrial Park located at 9117 Kallenberger Road North, Sprague, WA 99032)–estimated annual expenditure $500,000.*
- *Barr-Tech may request an annual price adjustment in writing based on the Consumer Price Index (CPI) of the previous year.*
- *A fuel surcharge is being negotiated for instances when diesel reaches an excess of $3.00 per gallon.*
- *Composting organics diverts materials out of the main waste stream which creates a positive environmental impact.*
- *Complies with Department of Agriculture's restrictions on shipments of yard waste.*
- *Solid Waste Collection & Disposal have been doing business with Barr-Tech since 2011 with satisfactory results.*

Budget Impact:

Approved in current year budget? ☑ Yes ☐ No

Annual/Reoccurring expenditure? ☑ Yes ☐ No

If new, specify funding source:

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

Operations Impact:

Consistent with current operations/policy? ☑ Yes ☐ No

Requires change in current operations/policy? ☐ Yes ☑ No

Specify changes required:

Known challenges/barriers:

Briefing Paper
(Public Infrastructure, Environment, and Sustainability)

Division & Department:	Public Works / Riverside Park Water Reclamation Facility
Subject:	Contract with HDR Engineering of Spokane, WA, for a Biosolids Incineration Feasibility Study
Date:	26 Feb 2018
Contact (email & phone):	Lars Hendron lhendron@spokanecity.org 625-4645
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	PIES
Type of Agenda item:	■ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	This Biosolids Incineration Feasibility Study will evaluate the technical and regulatory feasibility of incinerating RPWRF biosolids at WTE rather than land-applying them on farm fields. It supports Innovative Infrastructure regarding "Optimize Public Assets" and "Resiliency."
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	

Background/History:

RPWRF has land applied biosolids on farm fields north and west of Spokane since the early 1980s. Challenges related to land application have increased in recent years, in conjunction with growing concerns about PCBs and other pollutants contained in biosolids. This study to evaluate the technical and regulatory feasibility of incinerating biosolids at the City's WTE plant is the first step toward resolving these concerns.

HDR Engineering was selected from among three firms via RFQ 4400-17 to perform this Feasibility Study. RPWRF and WTE staff, with input from Spokane County, negotiated the scope, schedule, and budget. The Study will include conducting a regulatory review; characterizing RPWRF biosolids, and investigating incineration approaches and impacts to WTE Operations. If the concept is found to be generally feasible, HDR will also look into transporting/handling/receiving RPWRF biosolids, and the possibility of also incinerating biosolids from the County's plant. The findings will be presented in a final report.

The Study is expected to cost about $125,000. The City and County share costs related to RPWRF, such that the County will pay approximately 30%-40% of the actual cost.

Design and construction of any resulting capital project would be procured competitively.

Executive Summary:

- Applying RPWRF's biosolids on farm fields is becoming problematic
- This Biosolids Incineration Feasibility Study will evaluate an alternative to land application
- The Feasibility Study budget is about $125,000
- Spokane County will pay about 30%-40% of the actual cost
- The City's share is funded by Sewer Rates
- The Study is scheduled to be completed in late 2018
- A Management Reserve of 10% is requested

Budget Impact:

Approved in current year budget? ■ Yes ☐ No ☐ N/A
Annual/Reoccurring expenditure? ☐ Yes ■ No ☐ N/A
If new, specify funding source:
Other budget impacts: (revenue generating, match requirements, etc.)

Operations Impact:

Consistent with current operations/policy? ■ Yes ☐ No ☐ N/A
Requires change in current operations/policy? ☐ Yes ☐ No ■ N/A
Specify changes required:
Known challenges/barriers:

Briefing Paper
Public Infrastructure, Environment and Sustainability Committee

Division & Department:	Public Works Division; Solid Waste Disposal
Subject:	Extension of Contract for Groundwater Monitoring and Reporting at the Northside and Southside Landfills
Date:	February 26, 2018
Contact (email & phone):	David Paine, dpaine@spokanecity.org, Ext. 6878
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability Committee
Type of Agenda item:	☒ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	

Background/History:

The City's Northside Landfill Open Municipal Solid Waste (MSW) Cell, the Northside Landfill Closed Cell, and the Southside Landfill Closed Cell each have unique groundwater monitoring plans as required by Chapter 18.220 RCW, WAC 173-351-400(2)(f), WAC 173-304 and the associated solid waste permits. The City issued Request for Qualifications #4304-16 for Groundwater Monitoring Data Analysis and Report Writing Services in 2017. Responses were received from Geo Engineers, Cascade Earth Sciences, and CH2M, which are all local companies.

After review of the responses by the selection committee, it was determined that CH2M Hill was the most qualified respondent, and a contract was awarded for these services in 2017. This is the first of 4 extensions of the contract.

Executive Summary:

- This is the first of four extensions as specified in RFQ #4304-16.
- Extension term is March 10, 2018 to March 9, 2019.
- Start date of contract adjusted to allow for completion of prior year annual report and for work to begin at a reasonable time on the following year first quarter report.
- Data management and report writing services to include quarterly and annual reports for 2018.
- The cost of the contract for this extension is $49,771.00.
- Reporting required for compliance with solid waste permits.

Budget Impact:

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

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

If new, specify funding source:

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

Operations Impact:

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

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

Specify changes required:

Known challenges/barriers:

Briefing Paper
(Committee Name)

Division & Department:	Public Works Division; Solid Waste Disposal
Subject:	Mechanical Repairs at the Waste to Energy Facility
Date:	February 26, 2018
Contact (email & phone):	David Paine, dpaine@spokanecity.org, 625-6878
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability Committee
Type of Agenda item:	☒ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	

Background/History:

The necessary scheduled and emergency maintenance work at the WTE requires specialized millwright skills. In response to RFB #4337-17, on March 13, 2017, the City received bids from contractors qualified to perform grate module replacement and grate module inspections and repairs on Von Roll Type R-10046 grates in accordance with manufacturer's specifications. Knight Construction & Supply, Inc., which is a local business, was the only bidder. This is the first of 4 extensions to OPR 2017-0257 which runs from April 1, 2017 through March 31, 2018.

Executive Summary:

- First of 4 extensions to OPR 2017-0257
- The term of this extension shall run from April 1, 2018 through March 31, 2019.
- Cost of the extension for 2018 is $1,800,000 including taxes.
- Contractor to provide mechanical repairs at the City's Waste to Energy Facility per RFB #4337-17.
- 2018 labor rates increased to reflect the increase in costs from the Washington State mandated sick pay requirement.

Budget Impact:

Approved in current year budget? ☒ Yes ☐ No ☐ N/A
Annual/Reoccurring expenditure? ☒ Yes ☐ No ☐ N/A
If new, specify funding source:
Other budget impacts: (revenue generating, match requirements, etc.)

Operations Impact:

Consistent with current operations/policy? ☒ Yes ☐ No ☐ N/A
Requires change in current operations/policy? ☐ Yes ☒ No ☐ N/A
Specify changes required:
Known challenges/barriers:

Briefing Paper
(Committee Name)

Division & Department:	Public Works Division; Solid Waste Disposal
Subject:	Scaffolding Services at the Waste to Energy Facility
Date:	February 26, 2018
Contact (email & phone):	David Paine, dpaine@spokanecity.org, 625-6878
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	Public Infrastructure, Environment and Sustainability Committee
Type of Agenda item:	☒ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	

Background/History: During scheduled and emergency outages at the WTEF, scaffolding must be placed in the boilers to allow safe access for repairs. Bids for scaffolding services for the WTEF were solicited under RFB 4308-16. Safeway Services, LLC., of Spokane Valley, was the only bidder. Safway Services, LLC, was awarded the contract and provided this service from April 1, 2017 through March 31, 2018 for $300,000.00 excluding taxes, with the option of four additional one year extensions. This is #1 of 4 extensions with Safway Services, LLC. for another $300,000.00 which will run from April 1, 2018 through March 31, 2019.

Executive Summary:

- Contract to provide scaffolding for two scheduled outages and emergency outages as required.
- Scaffolding is required for safe access during repairs to the boilers.
- This is extension #1 of 4, as specified in the RFB, running from April 1, 2018 through March 31, 2019.
- Annual cost of contract is $300,000.00 excluding taxes.
- 2018 billable rates include a 5% increase due to the new sick leave requirements implemented in Washington State in 2018.
- This is a time and materials contract with all labor being subject to WA State prevailing wage regulations.

Budget Impact:

Approved in current year budget? ☒ Yes ☐ No ☐ N/A
Annual/Reoccurring expenditure? ☒ Yes ☐ No ☐ N/A
If new, specify funding source:
Other budget impacts: (revenue generating, match requirements, etc.)

Operations Impact:

Consistent with current operations/policy? ☒ Yes ☐ No ☐ N/A
Requires change in current operations/policy? ☐ Yes ☒ No ☐ N/A
Specify changes required:
Known challenges/barriers:

Briefing Paper
Public Infrastructure, Environment, and Sustainability

Division & Department:	Public Works and Utilities
Subject:	Final Contract Extension with Evoqua Water Technologies to supply Bioxide®
Date:	2/26/18
Contact (email & phone):	Michael F. Coster, Plant Manager 625-4640 mcoster@spokanecity.org
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	
Type of Agenda item:	■ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	Strategic Plan
Strategic Initiative:	Innovative Infrastructure – Affordable Utility Rates
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval of a final contract extension with Evoqua Water Technologies to supply and deliver Bioxide®

Background/History: Bioxide® is a patented, non-hazardous chemical used to reduce and control odors and corrosion caused by the formation of sulfides. The department uses this chemical at the Northwest Terrace Lift Station. Based on current usage, Wastewater Management estimates it will use approximately 65,000 gallons of Bioxide® per year at $2.61 per gallon, for a total cost of $184,405.55, tax included. This extension is at no cost increase from the current price and is the third and final extension.

Executive Summary:

- Impact

The Northwest Terrace pump station discharges to a pressure main having a long residence time created by diameter and length. When raw sewage enters the pressure main it decomposes. During the decomposition process, bacteria consume oxygen present in the raw sewage, stripping oxygen from nitrogen and sulfur compounds, creating corrosive and odorous substances such as Hydrogen Sulfide (H2S). Bioxide® provides a new source of oxygen, limiting creation of the corrosive and odorous substances. Bioxide® has been used to control odors and prevent corrosion at Northwest Terrace for more than fifteen years.

- Action

Wastewater Management is seeking Council approval extend the contract for an additional year.

- Funding

Funding for this purchase is provided in the Wastewater Management budget.

Budget Impact:
Approved in current year budget? ■ Yes ☐ No ☐ N/A
Annual/Reoccurring expenditure? ■ Yes ☐ No ☐ N/A
If new, specify funding source: Department
Other budget impacts: (revenue generating, match requirements, etc.)

Operations Impact:
Consistent with current operations/policy? ■ Yes ☐ No ☐ N/A

Requires change in current operations/policy?	☐ Yes ■ No ☐ N/A
Specify changes required:	
Known challenges/barriers:	

Briefing Paper
Public Infrastructure, Environment, and Sustainability

Division & Department:	Public Works and Utilities
Subject:	Award of BID #4438-18 to Polydyne, Inc. (Riceboro, GA) who is the lowest responsive bidder who met our 7-day delivery requirements to supply approximately 210,600 lbs. of dry polymer/yr. at a cost of $1.59/lb. and 92,000 lbs. of liquid polymer/yr. at a cost of $0.85/lb. for a total annual contract cost of $413,054.00 plus sales tax for the period March 1, 2018 to February 29, 2021. Total cost including 8.8% Sales tax $449,402.75.
Date:	2/26/18
Contact (email & phone):	Michael F. Coster, Plant Manager 625-4640 mcoster@spokanecity.org
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	
Type of Agenda item:	■ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	Strategic Plan
Strategic Initiative:	Innovative Infrastructure – Affordable Utility Rates
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval to award contract with Polydyne, Inc. (Riceboro, GA) to supply dry and liquid polymer to Riverside Park Water Reclamation Facility.

Background/History: Chemical organic polymer flocculent (polymer) is used in solids thickening and dewatering processes, as well as in the primary clarifiers, at the Riverside Park Water Reclamation Facility. The Wastewater Management Department has recently received an offer from Polydyne Inc., to supply dry polymer at a price per pound of $1.59 and liquid polymer at a price per pound of $0.85. The current vendor has supplied this petroleum-based product for more than fifteen years.

This is a three-year contract tentatively scheduled to begin on March 1, 2018 and to end on February 29, 2021. The contract may be extended for two (2) additional one-year contract periods with the total contract period not to exceed five (5) years.

Executive Summary:

- Impact

In order to function as a wastewater treatment and water recycling facility, it is necessary to add polymer

- Action

Wastewater Management is seeking Council approval to award the contract with Polydyne Inc., GA to supply polymer to the Water Reclamation Facility.

- Funding

Funding for this purchase is provided in the Wastewater Management budget, and revenue is derived from sewer rates. .

Budget Impact:
Approved in current year budget? ■ Yes ☐ No ☐ N/A

Annual/Reoccurring expenditure? ■ Yes ☐ No ☐ N/A If new, specify funding source: Department Other budget impacts: (revenue generating, match requirements, etc.)
<u>Operations Impact:</u> Consistent with current operations/policy? ■ Yes ☐ No ☐ N/A Requires change in current operations/policy? ☐ Yes ■ No ☐ N/A Specify changes required: Known challenges/barriers:

Briefing Paper
PIES

Division & Department:	Engineering Services; Public Works
Subject:	Project No. 2015132 - Greene & Ermina Intersection Signalization
Date:	February 26, 2018
Contact (email & phone):	Dan Buller (dbuller@spokanecity.org, 625-6391)
City Council Sponsor:	
Executive Sponsor:	Scott Simmons
Committee(s) Impacted:	PIES
Type of Agenda item:	☒ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	The project is in the 6 Year Street Plan and is consistent Chief Garry Park neighborhood plan.
Strategic Initiative:	Innovative Infrastructure
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Approval of construction contracts (once bids are opened and recommendation to award submitted to council for approval)

Background/History:

- The Chief Garry neighborhood council requested the city install a safe means of crossing Greene St. for community college students accessing homes and apartments directly west of the community college.
- City staff worked with STA to fund a traffic signal which both permits STA buses to enter/exit the community college from Greene St. while simultaneously providing a signal for a crosswalk.
- City pays engineering costs with traffic calming and arterial street funds while STA pays construction costs.
- City staff coordinated the construction work with Community Colleges of Spokane staff.

Executive Summary:

- This project will provide a signal at Greene & Ermina which will include crosswalks and with the construction funded by STA.
- Bid opening is scheduled for February 26 after which time staff will forward to council a recommendation for award.
- Construction to begin in the spring of 2018.

Budget Impact:

Approved in current year budget? ☒Yes ☐No ☐N/A
Annual/Reoccurring expenditure? ☐Yes ☒No ☐N/A
If new, specify funding source:
Other budget impacts: (revenue generating, match requirements, etc.)

Operations Impact:

Consistent with current operations/policy? ☒Yes ☐No ☐N/A
Requires change in current operations/policy? ☐Yes ☒No ☐N/A
Specify changes required:
Known challenges/barriers:

Proposed Signal
Ermina Ave.
E Ermina Ave
E Upriver Dr
Spokane R
S Rivert
N Fiske St
E Baldwin Ave
N Haven St
E Indiana Ave
Greene St.
Community College
E Nora Ave
N Fiske St
gusta Ave
E Mission Ave
Mission Ave.
E Mission Ave

Briefing Paper

Public Infrastructure, Environment & Sustainability Committee

Division & Department:	Public Works Division, Integrated Capital Management
Subject:	Utility Design Agreement with WSDOT for City Utility Designs in preparation for the North Spokane Corridor
Date:	2/26/2018
Contact (email & phone):	Kevin Picanco, kpicanco@spokanecity.org , 625-6088
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	Public Infrastructure, Environment & Sustainability
Type of Agenda item:	■ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	North Spokane Corridor – City utility design agreement to prepare for relocating City utilities before construction of the NSC.
Strategic Initiative:	
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Precedes taking this agreement for approval at future City Council meeting.

Background/History: The upcoming construction of the North Spokane Corridor requires that certain City utility systems (Water, Sewer, Storm water) be relocated and updated to accommodate the construction of the new transportation facility.

Executive Summary:

- Utility Design and Engineering Agreement with the Washington State Department of Transportation (WSDOT) where WSDOT will pay the City an estimated amount of $241,110.00 to have the City create engineering designs to prepare for removal, replacement or construction of City utilities as needed along Wellesley Avenue between Haven Street to approximately Ferrall Street.
- The Wellesley interchange and freeway ramps require regrading Wellesley Avenue to accommodate new railway bridges. This requires lowering and relocating City utilities.
- When these improvements will be constructed and by whom is still to be determined.

Budget Impact:

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

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

If new, specify funding source: WSDOT

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

Operations Impact:

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

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

Specify changes required:

Known challenges/barriers:

Washington State
Department of Transportation

Utility Preliminary Engineering Agreement **Work by Utility– State Cost**			Utility Name & Address City of Spokane Public Works Department 808 W. Spokane Falls Blvd. Spokane, WA 99201
Agreement Number UTB 1292	Region Eastern	Control Section 3200CT	Project Title/Location SR 395/NSC Wellesley utilities - Preliminary Engineering, Specifications and Cost Estimates
State Route Number SR 395 / NSC	Mileposts From 161.24 to 161.32		
Estimated Agreement Amount $ 241,110.00			

This Utility Preliminary Engineering Agreement, herein “Agreement,” is made and entered into between Washington State Department of Transportation, herein "WSDOT," and the above named Utility, herein "UTILITY."

WHEREAS, WSDOT is planning the construction or improvement of the State Route as shown above for the listed WSDOT project, and in connection therewith, it is necessary to remove, relocate or construct certain UTILITY facilities, and

WHEREAS, WSDOT is responsible for the cost of the preliminary engineering for the UTILITY’s facilities that are located pursuant to a documented ownership interest in real property, such as an easement, fee title, or court finding of prescriptive right, which is impacted by the WSDOT project, but WSDOT is not responsible for preliminary engineering costs associated with facility betterments, and

WHEREAS, it is deemed to be in the best public interest for the UTILITY to develop the preliminary engineering, including the preparation of plans, specifications and cost estimate, herein the “Work,” for the removal, relocation or construction of the UTILITY’s facilities as part of WSDOT’s project, and

WHEREAS, the WSDOT and the UTILITY intend to enter into a Utility Construction Agreement to cover the actual construction, relocation, and/or removal of the UTILITY's facilities,

NOW, THEREFORE, pursuant to chapter RCW 47.10.210 and chapter 47.44 RCW, and in consideration of the terms, conditions, covenants, and performances contained herein, as well as the attached Exhibits which are incorporated and made a part hereof,

IT IS MUTUALLY AGREED AS FOLLOWS:

1. PLANS, SPECIFICATIONS, AND COST ESTIMATES

1.1 Program Guide*: Utility Relocation and Accommodation on Federal Aid Highway Projects* shall determine and establish the definitions and applicable standards and payments under this Agreement. By this reference, this document is adopted and made a part of this Agreement as if fully contained herein.

1.2 Betterment**:** A betterment is any improvement to the UTILITY's facilities not required by code, regulation, standard industry practice, or any other applicable regulation. If any of the Work constitutes a betterment as defined in the Program Guide*: Utility Relocation and Accommodation on Federal Aid Highway Projects*, the UTILITY is solely responsible for the preliminary engineering costs of such improvement.

1.3 The UTILITY agrees to perform the preliminary engineering, including the preparation of plans, specifications and cost estimates (PS&E), herein the "Work," for the , removal, relocation, and/or construction of the UTILITY's facilities impacted by the WSDOT's project. Should the Work include betterments to the facilities, the UTILITY shall identify such betterments for WSDOT review.

1.4 The UTILITY agrees to provide WSDOT a copy of its PS&E, including the identification of betterments, if any. WSDOT will review for acceptance of the PS&E to ensure that it is in compliance with WSDOT requirements and standards prior to incorporation it into WSDOT project. The Parties agree to comply with the document submission and review process as identified in Exhibit A, Scope of Work.

1.5 If the UTILITY is not adequately staffed or equipped to perform all of the Work required herein, the UTILITY may have all or part of the Work performed by consultant(s) under a contract let by the UTILITY or have the Work performed under an ongoing contract with a UTILITY consultant. UTILITY consultant(s) shall be in good standing with WSDOT, and the UTILITY shall provide to WSDOT for WSDOT review a cost estimate for the Work to be performed by the UTILITY's consultant(s).

2. PAYMENT

2.1 WSDOT is responsible for all costs of the Work, excluding all betterment work, for the UTILITY's facilities that are located pursuant to a documented ownership interest in real property, such as an easement, fee title, or court finding of prescriptive right, which are impacted by WSDOT project, as shown in Exhibits A, B, and C. Exhibit B, Cost Estimate, contains an itemized cost estimate of WSDOT-responsible costs for the Work to be performed by the UTILITY.

2.2 WSDOT, in consideration of the faithful performance of the Work to be done by the UTILITY, agrees to reimburse the UTILITY for the actual direct and related indirect cost of the Work, excluding all betterment work, for which WSDOT is responsible as defined in Exhibits A, B, and C. The UTILITY agrees to invoice WSDOT and provide supporting documentation for all charges, and WSDOT agrees to pay the UTILITY within thirty (30) days of receipt of an invoice. Payments shall not be more frequent than one per month. A partial payment will not constitute agreement as to the appropriateness of any item and that, at the time of final invoice; the Parties will resolve any discrepancies.

2.3 The UTILITY shall submit a final billing to WSDOT within 90 calendar days following completion of the Work.

2.4 State Fiscal Year End Closure Requirements (chapter 43.88 RCW): Any invoices for work performed between July 1 and June 30 of any given year must be submitted to WSDOT no later than July 6th (or the first business day after the July 4th holiday) of the same calendar year. If the UTILITY is unable to provide an invoice for such work by this date, an estimate of all remaining payable costs owed by WSDOT for work performed by the UTILITY prior to July 1 must be submitted to WSDOT no later than July 19th of the same year in order for WSDOT to accrue the amount necessary for payment. The UTILITY will thereafter submit any remaining invoices to the STATE for such work as soon as possible. Failure to comply with these requirements may result in delayed payment. WSDOT shall not be required to pay to the UTILITY late payment fees, interest, or incidental costs incurred by the UTILITY or any other costs related to a delayed payment if the UTILITY fails to comply with the invoice requirements of this Section.

3. CHANGE IN WORK OR COST INCREASE

3.1 Increase in Cost: In the event unforeseen conditions require an increase in the cost of the Work for which WSDOT is responsible as set forth in Exhibit B, Cost Estimate (including sales tax, engineering, and contingencies), by more than 25%, the Parties agree to amend Exhibit B to include such cost increase. Should an increase in the cost of the Work be required, the UTILITY shall immediately notify WSDOT in writing, and the UTILITY shall not perform any Work in excess that set forth in Exhibit B until such time as Exhibit B has been amended in writing.

3.2 Should it be necessary to modify the Scope of Work, the UTILITY agrees to immediately notify WSDOT of all proposed changes, and WSDOT agrees to provide written notice of its acceptance or rejection of the change(s), in writing, within Fifteen (15) working days.

4. RIGHT OF ENTRY

4.1 WSDOT hereby grants to the UTILITY a right of entry onto all lands in which it has an interest for the Work as defined in Exhibits A and C. Upon completion and acceptance of the Work, this right of entry shall terminate except as otherwise provided in Section 5.4.

4.2 WSDOT agrees to obtain rights of entry, if needed, upon all privately owned lands necessary to perform the Work. WSDOT also agrees to obtain all necessary permissions for the UTILITY to enter upon such lands, if required, for the duration of this Agreement. WSDOT agrees to provide the rights of entry and applicable permissions to the UTILITY within twenty (20) calendar days of entering into this Agreement. Upon completion of the Work on such lands, the rights of entry and permissions shall terminate, except as otherwise provided in Section 5.4.

5. GENERAL PROVISIONS

5.1 Indemnification: The UTILITY shall indemnify and hold harmless WSDOT and its agents, employees, and/or officers from and shall process and defend at its own expense any and all claims, demands, suits at law or equity, actions, penalties, losses, damages (both to persons and/or property), or costs, of whatsoever kind or nature, brought against WSDOT and its agents, employees and/or officers, arising out of, in connection with, or incident to the actual Work performed by the UTILITY pursuant to the terms of this Agreement. Provided, however, that if such claims are caused by or result from the concurrent negligence of (a) the UTILITY and (b) the STATE, its agents, employees, and/or officers, or involves those actions covered by RCW 4.24.115, this indemnity provision shall be valid and enforceable only to the extent of the intentional or negligent acts or omissions of the UTILITY, and Provided further, that nothing herein shall require the UTILITY to hold harmless or defend WSDOT, its agents, employees, and/or officers from any claims arising from the sole negligence of WSDOT, its agents, employees, and/or officers. This indemnification shall survive any termination of this Agreement.

5.2 WSDOT shall indemnify and hold harmless the UTILITY and its agents, employees, and/or officers from and shall process and defend at its own expense any and all claims, demands, suits at law or equity, actions, penalties, losses, damages (both to persons and/or property), or costs, of whatsoever kind or nature, brought against the UTILITY and its agents, employees and/or officers, arising out of, in connection with, or incident to the actual Work performed by WSDOT pursuant to the terms of this Agreement. Provided, however, that if such claims are caused by or result from the concurrent negligence of (a) the UTILITY and (b) WSDOT, its agents, employees, and/or officers, or involves those actions covered by RCW 4.24.115, this indemnity provision shall be valid and enforceable only to the extent of the intentional or negligent acts or omissions of WSDOT, and Provided further, that nothing herein shall require WSDOT to hold harmless or defend the UTILITY, its agents, employees, and/or officers from any claims arising from the sole negligence of the UTILITY, its agents, employees, and/or officers. This indemnification shall survive any termination of this Agreement.

5.3 Disputes: If a dispute occurs between the UTILITY and WSDOT at any time during the performance of the Work pursuant to this Agreement, the Parties agree to negotiate at the management level to resolve any issues. Should such negotiations fail to produce a satisfactory resolution; the Parties agree to enter into arbitration and/or mediation before proceeding to any other legal remedy. Each Party shall be responsible for its own fees and costs. The Parties agree to equally share in the cost of a mediator or arbiter.

5.4 Venue: In the event that either Party to this Agreement deems it necessary to institute legal action or proceedings to enforce any right or obligation under this Agreement, the Parties agree that any such action or proceedings shall be brought in the superior court situated in Spokane County, Washington unless filing in another county is required under any provision of the Revised Code of Washington. Further, the Parties agree that each shall be responsible for its own attorney's fees and costs.

5.5 Termination: Neither WSDOT nor the UTILITY may terminate this Agreement without the concurrence of the other Party. Termination shall be in writing and signed by both Parties

5.6 Amendments**.** This Agreement may be amended by the mutual agreement of the Parties. Such amendments or modifications shall not be binding unless put in writing and signed by persons authorized to bind each of the Parties.

5.7 Independent Contractor: Both Parties shall be deemed independent contractors for all purposes, and the employees of each Party and any of its contractors, subcontractors, consultants, and the employees thereof, shall not in any manner be deemed to be the employees of the other Party.

5.8 Audit and Records: During the progress of the Work and for a period of not less than six (6) years from the date of final payment, the UTILTITY shall maintain the records and accounts pertaining to the Work and shall make them available during normal business hours and as often as necessary, for inspection and audit by the State of Washington, and/or Federal Government and copies of all records, accounts, documents or other data pertaining to the Work will be furnished upon request. The requesting Party shall pay the cost of copies produced. If any litigation, claim or audit is commenced, the records and accounts along with supporting documentation shall be retained until any litigation, claim or audit finding has been resolved even though such litigation, claim or audit continues past the six-year retention period.

5.9 Working Days: Working days for this Agreement are defined as Monday through Friday, excluding Washington State holidays per RCW 1.16.050

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement as of the Party's date last signed below.

WASHINGTON STATE
DEPARTMENT OF TRANSPORTATION

By:_____

Print: Mike Gribner, P.E.

Title: Regional Administrator

Date:_____

CITY OF SPOKANE
PUBLIC WORKS DEPARTMENT

By:_____

Print:_____

Title:_____

Date:_____

APPROVED AS TO FORM

By: _____
Mark Schumock
Assistant Attorney General

Date: _____

APPROVED AS TO FORM

By: _____

Print Name: _____
City Attorney

Date: _____

CLERKS SEAL

UTB 1292
Exhibit A

Scope of Work

The Scope of Work is for the performance of preliminary engineering, including the preparation of plans, specifications and cost estimates (PS&E) for the removal and replacement or construction of UTILITY's utilities within or near the SR 395, North Spokane Corridor (NSC Project), which includes BNSF Railroad realignment, from Francis Ave. to Upriver Dr. within the City of Spokane.

The NSC Project requires the removal, replacement or construction of water, sewer and storm water facilities along Wellesley Ave. from east of Haven St. to approximately Ferrall St.

1. The UTILITY will perform the PS&E required for removal, replacement or construction of UTILITY-owned water transmission and distribution lines, manholes, valves, side connections and associated facilities impacted by the construction of the proposed NSC project.

2. The UTILITY will perform the PS&E required for removal, replacement or construction of UTILITY-owned sewer and storm water lines, manholes, side connections and associated facilities impacted by the construction of the proposed NSC project.

3. The STATE will provide electronic copies of the plan sheets for the proposed NSC Project and BNSF Railroad alignment, alignment profiles, drainage, and illumination sheets for the STATE projects for the UTILITY's use in preparation of the UTILITY's PS&E.

UTB 1292

Exhibit B

Estimated average billing rate for purpose of establishing cost estimate	Principal Engineer	Engineer	Technician	Clerical	Other	Costs
	$ 135.00	**$ 120.00**	**$ 85.00**	**$ 60.00**		
Task 1 - Survey and Preparation of Base Map						
Research survey control, field topo survey	4	20	40			
Coordination with STATE in regards to information provided by STATE	2	12	20			
Contact existing utilities and obtain available location information and incorporate i	2	12	80			
Create base map from information supplied by STATE	2	12	120			
Identify additional field or survey information needed for base map	2	2	12			
Task 1 Hours	12	58	272			
	$ 1,620.00	$ 6,960.00	$ 23,120.00	$ -		$ 31,700.00
Task 2 - Project Management, Coordination, Prel. Eng., Design, Plans, and Specifications						
Project Management and Coordination with STATE	20	80	50	22		
Coordination w/ BNSF, BNSF Permitting, preparation of exhibits for permits	2	4	4	2		
Meetings and coordination with Utilities	10	40	40	4		
Public outreach, coordination w/ adjacent property	12	40	24	4		
Environmental permitting	4	24	10	4		
Preliminary Horizontal and Vertical profile design	4	40	80			
Shoring designand details	12	120	160			
On site verification of existing utilities and field measurements		4	12			
Identify construction phasing and possible service interruptions during construction	8	40	60			
Alignment and vertical design, connection details	4	40	100			
Prepare Plan Sheets	4	120	300			
Prepare Specifications	8	50	20	12		
90% Design review	4	12	16	2		
Final site visit & review		4	6			
Internal review	4	10	10	2		
Final plan revisions		30	100	8		
Prepare Bid Schedule & Construction Estimate		16	20			
Miscellaneous expenses (printing, travel to site)					$ 500.00	
Task 2 Hours	96	674	1012	60		
	$ 12,960.00	$ 80,880.00	$ 86,020.00	$ 3,600.00	$ 500.00	$ 183,960.00
Task 3 Bid/Award Period Assistance						
Bid Period questions and answers	4	20	16			
Pre Bid Meeting		4	2			
Bid Analysis / Contract Award		2		2		
Various UTILITY Bidding Costs (Administration, Printing, etc.)				2	$ 100.00	
Task 3 Hours	4	24	18	4		
	$ 540.00	$ 2,880.00	$ 1,530.00	$ 240.00	$ 100.00	$ 5,290.00
City of Spokane Principle Engineer	16					
	$ 2,160.00					$ 2,160.00
Geotechnical Engineering (Consultant)	$18,000					$ 18,000.00
					Total Agreement estimated cost	**$ 241,110.00**

Exhibit C:
NSC - Wellesley Ave. Utility Relocations
Haven to Ferrall

February 8, 2018

1:4,514

0 0.0375 0.075 0.15 mi

0 0.05 0.1 0.2 km

Lines

Limits of Work

Parcel

City of Spokane GIS
Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Briefing Paper
(Public Infrastructure, Environment, & Sustainability Committee)

Division & Department:	Public Works Division / Integrated Capital Management
Subject:	2018 Transportation Grant Opportunities
Date:	2/26/18
Contact (email & phone):	bblankenagel@spokanecity.org
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	
Type of Agenda item:	■ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	Transportation
Strategic Initiative:	Improving Streets
Deadline:	March 30, 2018
Outcome: (deliverables, delivery duties, milestones to meet)	Approve the list of transportation projects for grant applications in 2018

Background/History:

2018 is a big year for transportation grants, as many of the grant opportunities are available this year. There are 4 State grant programs (RCO, WTSC, Ped/Bike Safety, and TIB) and 6 Federal grant programs (FMSIB, CMAQ, STBG, STBG Set-aside, HSIP, and Safe Routes) calling for applications.

The first source for project applications is the 6-Year Program. Other projects stem from maintenance needs and transportation plans; each of which is verified by their applicability to grant program goals.

Executive Summary:

- *10 transportation grant programs open in 2018*
- *The attached list of projects will be the focus for grant applications*

Budget Impact:

Approved in current year budget? ☐ Yes ☐ No ■ N/A
Annual/Reoccurring expenditure? ☐ Yes ☐ No ■ N/A
If new, specify funding source:
Other budget impacts: *Match requirement for most of the grant programs. Match will be programmed through the arterial street fund, and will be updated in the 6-Year Street Program*

Operations Impact:

Consistent with current operations/policy? ☐ Yes ☐ No ■ N/A
Requires change in current operations/policy? ☐ Yes ☐ No ■ N/A
Specify changes required:
Known challenges/barriers:

Project	In 6-Year?	Justification to apply
Peaceful Valley Trail, Glover to CSO26	Y	
Peaceful Valley Trail (original WWRP grant)	Y	
Freya St from Wellesley to Francis	Y	
4th Sunset to Maple	Y	
Napa St, Sprague to 2nd	Y	
Millwood Trail, CT to Felts Field	Y	
Driscoll Blvd, Alberta to Garland, Sidewalk infill	Y	
37th Latawa to Manito sidewalk infill	Y	
Centennial Trail Gap at Summit Blvd	Y	
Riverside Ave, Division to Bernard	Y	
Riverside Ave, Bernard to Wall	Y	
Riverside Ave, Wall to Monroe	Y	
TJ Meenach, Bridge to Northwest Blvd	Y	
Thor & Freya from Sprague to Hartson Concrete	Partially	Presently 17th to 3rd, extending impact to Sprague for Concrete work
Wellesley from Market to Havana	2/5 Ord.	Ordinance bringing into program in 2018
Assembly at Francis roundabout		Operational concerns meet CMAQ opportunity
Francis at Alberta		Operational concerns meet CMAQ opportunity
Wellesley at Maple		Operational concerns meet CMAQ opportunity
Spokane Falls Blvd, Post to Division		Prioritization, entering program in 2018
Havana St, Broadway to Sprague		Prioritization, entering program in 2018
Washington/Stevens Bridge Deck Rehab		Bridge physical condition
Maple Bridge Deck Joints Rehab		Bridge physical condition
Ben Burr at 2nd & 3rd HAWKs		Safety concerns expressed during design of trail; yet un-funded
North Bank Trail, Post St to Suspension Bridge STUDY		Stemming from interest during Post Bridge TS&L and upcoming development actions
29th Ave crosswalks (lincoln heights)		Safety / collision history align with grant opportunity
Audubon Elementary - Belt and NW Blvd		Safety / collision history align with grant opportunity
Thornton Murphy Pk path and x-ing improvement		Safety / collision history align with grant opportunity
Southeast Sports Complex pathway		Safety / collision history align with grant opportunity

Briefing Paper
Public Infrastructure, Environment, and Sustainability

Division & Department:	Public Works and Utilities
Subject:	Resolution and contract for purchase of Huber Equipment and Parts
Date:	2/26/18
Contact (email & phone):	Michael F. Coster, Plant Manager 625-4640 mcoster@spokanecity.org
City Council Sponsor:	
Executive Sponsor:	
Committee(s) Impacted:	
Type of Agenda item:	■ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	
Strategic Initiative:	
Deadline:	
Outcome: (deliverables, delivery duties, milestones to meet)	Council approval of a sole source resolution to purchase, and have installed, replacement parts used to provide preliminary treatment screening of wastewater at Riverside Park Water Reclamation Facility.

Background/History: The facility uses automated perforated plate screening systems to remove untreatable debris from wastewater prior to full treatment. Such screening is necessary to prevent damage to subsequent treatment process equipment, as well as to achieve compliance with the State of Washington's biosolids 'recognizables' regulations. Screen damage due to grit and rocks associated with the City's Combined Sewer Overflow system is frequent and necessitates the replacement of unserviceable screen components. Huber perforated plate screens are only manufactured and distributed by Huber Technology, of Huntersville, NC. The total cost for these replacement parts and installation is $384,334.70, which includes sales tax and shipping. This equipment purchase is expected to provide three years of service.

Executive Summary:

- Impact

These process components will allow the facility to maintain continuous compliance with regulatory requirements.

- Action

Wastewater Management is seeking Council approval to purchase the replacement parts through a sole-source resolution from Huber Technology, Inc.

- Funding

Funding for this purchase is provided in the Wastewater Management budget and revenue is derived from sewer bills.

Budget Impact:

Approved in current year budget? ■ Yes ☐ No ☐ N/A
Annual/Reoccurring expenditure? ☐ Yes ■ No ☐ N/A
If new, specify funding source: Department

Other budget impacts: (revenue generating, match requirements, etc.)			
<u>Operations Impact:</u>			
Consistent with current operations/policy?	■ Yes	☐ No	☐ N/A
Requires change in current operations/policy?	☐ Yes	■ No	☐ N/A
Specify changes required:			
Known challenges/barriers:			

Briefing Paper
Public Infrastructure, Environment and Sustainability (PIES)

Division & Department:	Public Works – Engineering Services
Subject:	Design/Build Contract for Post Street Bridge
Date:	2/14/2018
Contact (email & phone):	Mark Serbousek x6154
City Council Sponsor:	Councilmember Beggs
Executive Sponsor:	Scott Simmons
Committee(s) Impacted:	PIES/Urban Experience
Type of Agenda item:	■ Consent ☐ Discussion ☐ Strategic Initiative
Alignment: (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)	This project is funded and approved in the City-Wide program. *"This project meets 50 goals in Chapter 4 of the Comprehensive Plan. Specifically in TR 1-8 and TR 10."*
Strategic Initiative:	PIES - Repurposing of Public Property and Assets to Stimulate Private Investment – Leverage Riverfront Park Investments Urban Experience – Develop and Formalize World Class River Trail System
Deadline:	N/A
Outcome: (deliverables, delivery duties, milestones to meet)	Award of Design/Build contract – April 2018

Background/History: In 2015 the City conducted a Type, Size and Location Study for the Post Street Bridge and established a preliminary budget in the City-Wide Capital Program. The bridge construction is funded with State, Federal and Local utility dollars. The City produced an RFP in late 2017 and will award a contract to the selected Design Build Team in March after State and Federal funding agency review.

Executive Summary:

The Design/Build contracting process will proceed as follows:

Selection Process

- February 12 – RFP responses received
- February 21 – Team interviews (3 teams)
- February 26 - Presentation of highest scoring Design/Build team to PIES Committee
- End of February – Submit Preferred Design/Build proposal to funding agencies for approval
- Mid-March – Receive approval to proceed from funding agencies

Award

- Late March – Submit Design/Build Contract for City Council Approval

Design/Construction

- April – August – Validation Phase for budget, scope and schedule
- Late April – Early May – Public Process related to Structure Selection
- July – Public Process related to Surface and Amenities
- September – Start Final Design Phase
- Winter 2018/9 – Begin Bridge Demolition

*** Quarterly updates to PIES committee on validation process findings, design evolution and construction progress.*

Budget Impact:

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

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

If new, specify funding source: Utility Rates, Federal Bridge Funds, and Sec. 129 (in City-Wide program and budget)

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

Operations Impact:

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

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

Specify changes required: N/A

Known challenges/barriers: N/A