



Community Development Committee

July 05, 2016 Scheduled Meeting

Agenda

City of Bonney Lake Justice and Municipal Center, 3rd Floor Conference Room.

The meeting will be called to order at 4:30 P.M. and adjourned at P.M.

Roll Call:

Chairperson Donn Lewis
Councilmember Dan Swatman
Councilmember Jim Rackley

Attendees:

Public Services Director, John Vodopich
Ryan Johnstone, Public Works Superintendent

I. Discussion/Presentation:

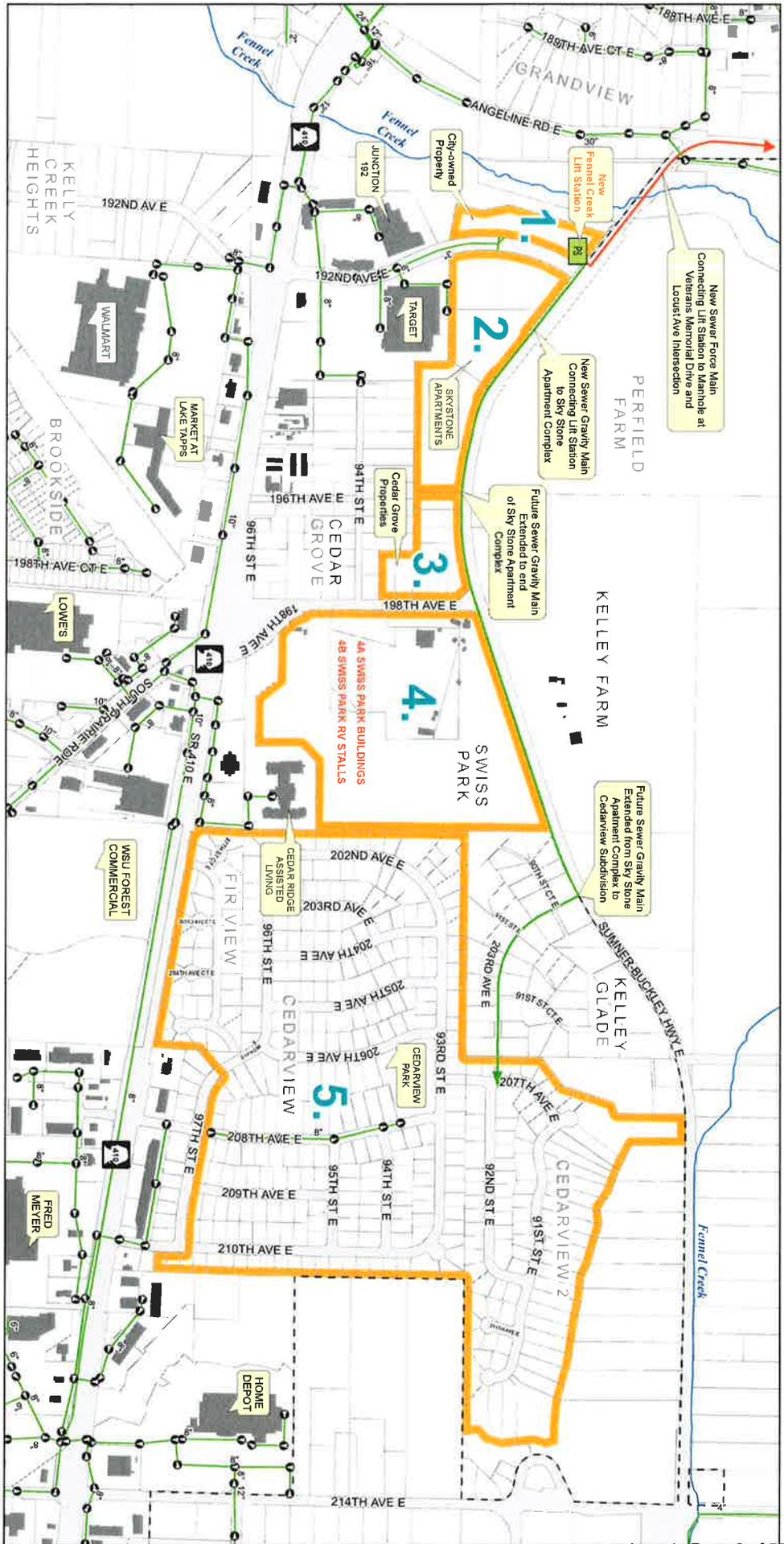
1. Design of sewer system extension down Sumner Buckley
2. Improvements to traffic flow in the park and ride area

II. New Business/Action Items:

1. Approval of June 7, 2016 CDC Meeting Notes.
2. AB16-88, Resolution 2543, Approve a contract with H2O Solutions, LLC for the 2016 Tank Video and Cleaning
3. AB16-90, Resolution 2545, Grainger Springs Upgrade - Phase 1 Notice to Award to Northeast Electric
4. AB16-91 – Resolution 2546 - PSA with RH-2 for Construction Services of Grainger Springs Upgrade – Phase 1

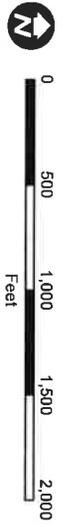
Actions Under Development by Staff:

1. Ordinance – Residential and Commercial Frontage Maintenance – City and Private Property Owner Responsibilities in the City Right of Way.
2. Establish City White River Basin Water Rights to be purchased from Cascade Water Alliance.
3. Public Works Center project update provided quarterly. (Last updated on 7 June 2016)



Fennel Creek Sewer Lift Station Assessment Reimbursement Area

- Fennel Creek Lift Station Assessment Reimbursement Area
- Sewer Manhole with Flow Direction
- Sewer Main
- Bonney Lake City Limits
- Tax Parcel
- Road





September 13, 2011

Dan Grigsby, Public Works Director
 John Woodcock, City Engineer
 P.O. Box 7380
 Bonney Lake, WA 98391

RECEIVED
 SEP 14 2011
 BY PUBLIC WORKS

RE: BONNEY LAKE P&R ACCESS

Dear Dan and John,

Thank you for coming to our office and sharing the City's concerns and proposals regarding traffic volumes and flow in the vicinity of SR410 and 184th/Sky Island Drive. We've had time to review the concept for revised access to our Park & Ride facility via a connection through the existing bus island at the transit center. We do not support the City's current concept as reflected on the aerial view Exhibit provided to us on August 19th.

Pierce Transit's Bus Safety & Training staff staged several buses there last week and performed various common ingress and egress movements. (See Attachment A.) This exercise revealed several significant concerns that would be created if we allowed non-transit vehicles to travel through the bus facility:

- Insufficient lane width to allow a bus to independently pull out of its zone without encroaching on the proposed 2-way vehicle lanes.
- Two significant blind spots as the bus exits the zone.
- Adding a 2-way lane would create an undesirable environment for pedestrians arriving and exiting the transit island from the parking lot as they would be forced to dodge two lanes of traffic in addition to buses. This mix is extremely undesirable. Pedestrians don't always use caution when they're trying to catch their bus.
- When the barriers are installed on both SR410 and 184th, the volume of traffic using the "park & ride access road" will almost certainly increase as drivers are forced to find alternate access points into the adjacent business. Just over 200 people park in this lot on an average weekday, in addition to those who get dropped off or picked up at the facility. Mixing privately operated vehicles with the bus traffic is not acceptable.

For these reasons, the City's current concept is unacceptable. We would however like to recommend an alternate concept which appears to meet everyone's needs. (See Attachment B). Our recommendation is that a separate roadway be constructed on the south side of our transit island with a new driveway access on 184th. This new roadway should be signed as "Pierce Transit P&R/ Access only" in an effort to minimize cut through traffic. Adequate lighting along this new road and additional traffic calming measures such as speed bumps and/or tabletop crosswalks will also be necessary to ensure pedestrian safety. Once construction of the roadway and pedestrian enhancements is complete, Pierce Transit would continue to own and maintain the new access.

Several items need to be considered in any revision to the existing facility:

- Pierce Transit is unable to fund this project
- Design, environmental review, public process, permitting and construction would be funded by the City
- Pierce Transit must approve final design, including Board of Commissioner's approval
- Ensure there is sufficient capacity in the stormwater system to accommodate the additional runoff
- Ensure the adjacent businesses know about the access changes and don't have additional concerns
- Existing Utility Easements
- Determine if the existing internal roadway is adequate for the additional volume and weight
- Provide estimate how many additional cars would potentially use this access

Once you've had a chance to review, please contact Monica Adams of my staff, or me, so we can determine next steps. She can be reached at 253.581.8130 or madams@piercetransit.org. Or I can be reached at 253.984.8217 or khayden@piercetransit.org.

Sincerely,



Kelly Hayden
Acting Vice President Transportation Services

Cc: Lynne Griffith
Monica Adams
Larry McCarty
Tina Lee

Attachment A/Typical turning movements



SHEA - CARR - JEWELL
 ENGINEERING AND PLANNING SERVICES
 2100 CHARLES DRIVE, SUITE 110, COVINGTON, WASHINGTON 98020
 WWW.SHEACARRJEWELL.COM

DATE	DESCRIPTION
AUGUST 1, 2011	ISSUED FOR PERMIT
8/1/11	ISSUED FOR PERMIT
8/1/11	ISSUED FOR PERMIT



SR 410/184TH AVE E
 CIRCULATION EXHIBIT

DATE	DESCRIPTION
AUGUST 1, 2011	ISSUED FOR PERMIT
8/1/11	ISSUED FOR PERMIT
8/1/11	ISSUED FOR PERMIT

Assessor-Treasurer electronic Property Information Profile

Parcel Map for 5640001841

06/09/2016 10:59 AM

[Click to chat live](#)

Property Details Parcel Number: 5640001841 Site Address: 9201 SKY ISLAND DR E Account Type: Real Property Category: Land and Improvements Use Code: 9170-COMM VAC LAND	Taxpayer Details Taxpayer Name: CPSRTA Mailing Address: SOUND TRANSIT 401 S JACKSON ST SEATTLE WA 98104-2826
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For additional mapping options, visit [Public GIS](#)

RTSQ Maps: [Normal \(200 Scale\)](#) | [Detailed \(100 Scale\)](#)

I acknowledge and agree to the prohibitions listed in RCW 42.56.070(9) against releasing and/or using lists of individuals for commercial purposes. Neither Pierce County nor the Assessor-Treasurer warrants the accuracy, reliability or timeliness of any information in this system, and shall not be held liable for losses caused by using this information. Portions of this information may not be current or accurate. Any person or entity who relies on any information obtained from this system does so at their own risk. **All critical information should be independently verified.**

Pierce County Assessor-Treasurer
Mike Lonergan
 2401 South 35th St Room 142
 Tacoma, Washington 98409
 (253)798-6111 or Fax (253)798-3142
www.piercecountywa.org/atr

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WEBSITE INFORMATION

[Privacy Policy](#)
[Copyright Notices](#)

Pierce County Assessor-Treasurer ePIP

Land Characteristics for 5640001841

07/30/2012 02:26 PM

Property Details Parcel Number: 5640001841 Site Address: 9201 SKY ISLAND DR E Account Type: Real Property Category: Land and Improvements Use Code: 9170-COMM VAC LAND		Taxpayer Details Taxpayer Name: PIERCE CO PUBLIC TRANSPORTATION Mailing Address: BENEFIT AREA AUTHORITY PO BOX 99070 TACOMA WA 98496-0070	
Location: LEA: 301 RTSQQ: 05-20-33-32		Size SF: 276,211 Acres: 6.34 Front Ft: 426	
Amenities WF Type: n/a View Quality: n/a Street Type: Paved		Utilities Electric: Power Installed Sewer: Sewer/Septic Installed Water: Water Installed	

Warning: Appraisal data provided is for informational purposes only and is incomplete for determination of value.

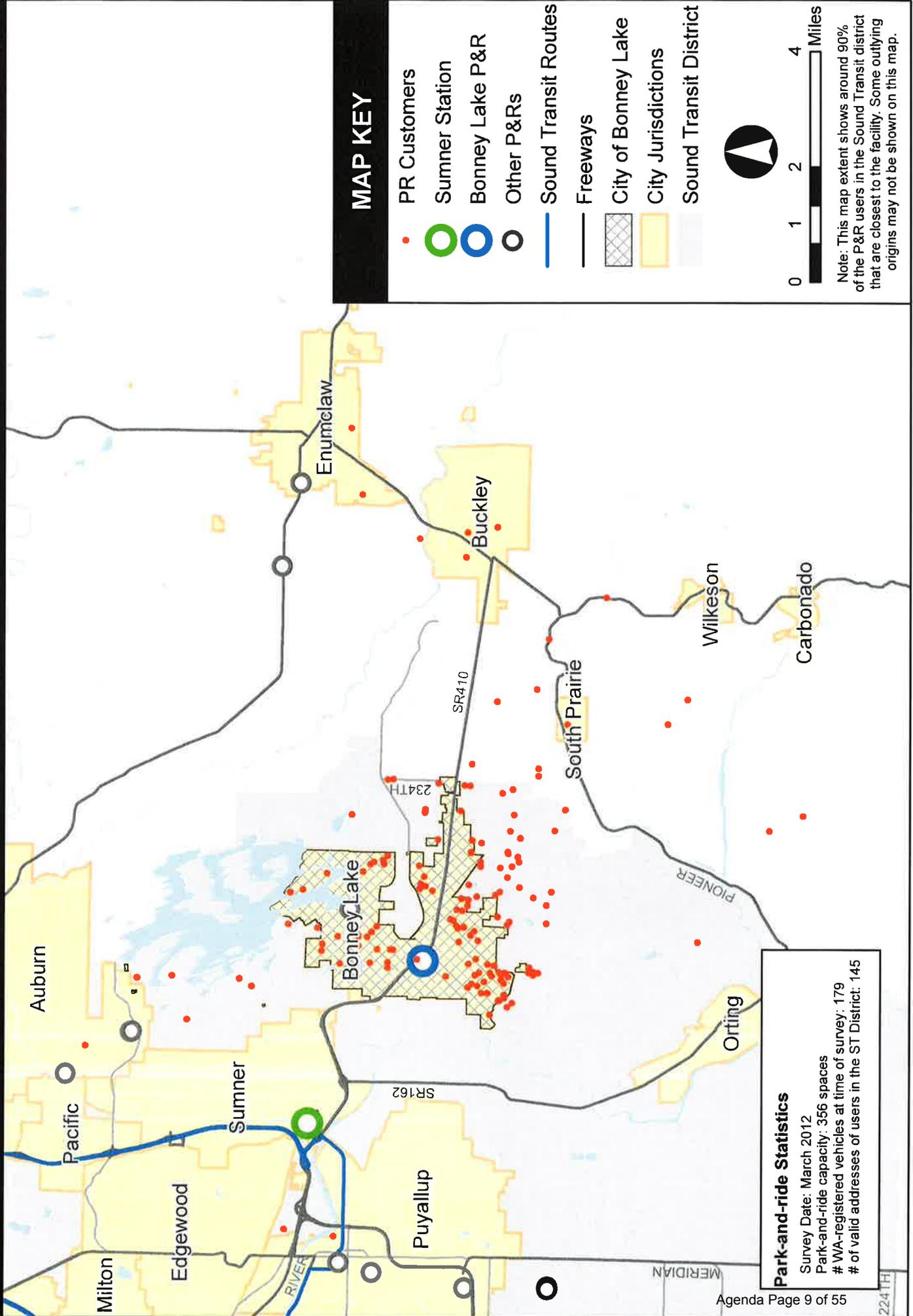
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"Our office works for you, the taxpayer"

**Pierce County Assessor-Treasurer
 Dale Washam**
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 Tacoma, Washington 98409
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Bonney Lake License Plate Survey



Park-and-ride Statistics
 Survey Date: March 2012
 Park-and-ride capacity: 356 spaces
 # WA-registered vehicles at time of survey: 179
 # of valid addresses of users in the ST District: 145



Sound Transit / Pierce Transit ST Express Bus Operations Task Order 18

This Task Order is issued in accordance with the terms and conditions of the Sound Transit and Pierce Transit Intergovernmental Agreement for Operations and Maintenance of ST Express Bus

Task Order Title:	Maintenance of Bonney Lake Park and Ride		
P.O. #	133443	Amount:	\$9,499.24
Period of Performance: (*)	10/1/2012 – 12/31/2012	Effective Date:	10/1/2012

* In the event that the work being authorized under this task order is not completed within the Period of Performance indicated, this task order authorization will automatically be extended until the work is complete, provided no additional funding is required to complete the work, unless an expiration date is explicitly stated in the Schedule section. An updated cash flow projection shall be submitted.

Contact Persons

Sound Transit:	Michael Miller, Customer Facilities and Accessible Services Manager, Sound Transit	Phone:	206-689-4927
Pierce Transit:	Tina Lee, Capital Planning Manager, Pierce Transit	Phone:	206-589-6887

<p>Scope:</p> <p>Sound Transit shall reimburse Pierce Transit for the agreed upon costs associated with specific facilities maintenance activities at the Bonney Lake Park and Ride facility. Payment will be based on the actual cost of the work performed.</p>
<p>Background:</p> <p>Pierce Transit owns, operates and maintains the Bonney Lake Park and Ride located at 9201 Sky Island Drive E in Bonney Lake, Washington. Due to a boundary revision effective May 8, 2012 the facility is no longer located within Pierce Transit's boundary. Sound Transit agreed to compensate Pierce Transit for the continued operation of PT Route 496 that serves the Sounder Puyallup Station. Effective October 1, 2012 sales use tax will no longer be collected from the areas adjacent to the park & ride to support operations and maintenance of the facility. The facility is necessary to support Sound Transit's Route 596 (previously Pierce Transit Route 496) operations and access to regional public transportation services. The continued operation of the facility provides a benefit to the Pierce County Public Transportation Benefit Authority (PTBA) as the regional services operating from the facility provide access to local services operating within the PTBA.</p>
<p>Specifications:</p> <p>Cost shall not exceed those shown in Exhibit A or the total cost of this task order unless Pierce Transit receives prior approval from Sound Transit to perform additional maintenance.</p> <p>Pierce Transit will produce and install changeable route/schedule information as indicated in the master ST Express service agreement, Appendix K dated January 14, 2010.</p> <p>This Task Order will be effective from 10/1/2012 through 12/31/2012 or until Pierce Transit reaches agreement with the City of Bonney Lake to perform selected maintenance tasks. These tasks are indicated in Exhibit B. When an agreement between Pierce Transit and the City is in force, the amount paid to Pierce Transit by Sound Transit will be reduced by the value of the City's contribution. A new Task Order will be issued at that time.</p> <p style="text-align: right;">(Continued)</p>

Requests for third-party use of the park and ride facility will be coordinated between Pierce Transit and Sound Transit. Pierce Transit will be responsible for managing use of the facility through Pierce Transit's Facilities Use Requests process.

Schedule:

Maintenance will be performed per Pierce Transit's maintenance schedule for facility maintenance.

Cost:

The cost indicated below is based on actual costs for calendar year 2011 and will be used for budgeting purposes to cover the fourth quarter 2012. See Exhibit A for extended costs.

Category	Account Number	Budget
Salaries & Wages	501###	\$0
Benefits	502###	\$0
Services	503510	\$0
Materials & Supplies	552909.503520.01598	\$9,499.24
Utilities	505###	\$0
Insurance	506###	\$0
Taxes	507###	\$0
Purchased Transportation Services	508010.01620	\$0
Miscellaneous Expenses	509###	\$0
Administrative Costs	510###	\$0
Leases & Rentals	512###	\$0
Total		\$9,499.24

Billing Method and Reporting Requirements:

Billing shall be indicated as a separate line item on the ST Express monthly bus operations invoice.

Pierce Transit shall initiate the process for reimbursement of its expenditures by preparing, reviewing and submitting requests for reimbursement to Sound Transit in accordance with the procedures in this Agreement and any other applicable regulations. Sound Transit shall not transfer nor be obligated to transfer any funds in advance of its approval of such requests for reimbursement of completed work.

Reimbursement of the eligible costs shall be made upon approval by Sound Transit. Such approval and reimbursement shall occur within 30 days of receipt by Sound Transit of a request for reimbursement from Pierce Transit.

To be entitled to reimbursement for the satisfactory performance of the activities identified in this task order, Pierce Transit must provide documentation of all expenses eligible for reimbursement to Sound Transit as required by this task order.

Pierce Transit shall supply to Sound Transit the following documentation with each invoice:

- A. A progress report containing the monthly updates on the maintenance compared to the annual work plan for routine and any anticipated non-routine maintenance.
- B. Copies of all contractor requests for payment identifying all relevant work accomplished within the billing period.
- C. Appropriate back-up documentation for materials or other direct costs related to the maintenance.

Prerequisites:

Sound Transit and Pierce Transit staff shall perform a condition assessment of the park and ride on or about October 1, 2012. Any deficiencies noted in the assessment will be corrected by Pierce Transit at their expense and shall be outside of the reimbursement agreement noted above.

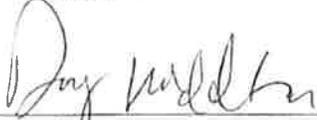
Scope Exclusions:

Sound Transit will purchase and install a bus bay flag indicating the appropriate Sound Transit route number.

Related Task Orders:

- None

The Parties hereto have executed this Task Order



9-28-12

Pierce Transit
Doug Middleton, Vice-President of Operations

Date



9-26-12

Sound Transit
Michael Perry, Deputy Executive Director of
Transportation and Maintenance

Date

Exhibit A
Bonney Lake Park and Ride Cost Detail

**Bonney Lake Park & Ride
Estimated M&O Expenses**

	Monthly Fee	2011 Annual Cost	2012* Annual Cost	2013* Annual cost	2014* Annual Cost	Task Order Total
Landscape Maintenance	\$250.00	\$3,000.00	\$3,090.00	\$3,182.70	\$3,278.18	
Puget Sound Energy	\$650.00	\$7,800.00	\$8,034.00	\$8,275.02	\$8,523.27	
Water Irrigation	\$ 8.28	\$99.36	\$102.34	\$105.41	\$108.57	
Sewer - Non Residential Fee	\$ 35.17	\$422.04	\$434.70	\$447.74	\$461.17	
Sewer - Non-residential Volumetric fee	\$ 6.57	\$78.84	\$ 81.21	\$83.64	\$ 86.15	
Storm Utility Non-residential Stormwater Fee	\$696.64	\$ 8,359.68	\$8,610.47	\$8,868.78	\$9,134.85	
Annual Stormwater facility expenses to maintain vaults		\$3,500.00	\$3,605.00	\$3,713.15	\$3,824.54	
Passenger Information Signage		148.23	152.68	157.23	161.97	
PT 2011 Annual Labor		\$8,235.84				
Unanticipated unscheduled maintenance (vandalism, damaged irrigation, unusual weather conditions)			\$8,482.92	\$8,737.40	\$8,999.52	
PT Burdened Rate for ST* (labor Hrs. only)	35%	\$ 3,232.54	\$3,329.52	\$3,429.41	\$3,532.29	
PT 2011 Parts from Facilities Equip Cost Report		\$1,161.96	\$1,196.82	\$1,232.72	\$1,269.71	
Estimated Annual O&M		\$37,038.49	\$38,149.65	\$39,294.14	\$40,472.96	
Estimated Annual Costs to ST for O&M of Bonney Lake Park & Ride			\$9,499.24	\$9,136.88	\$40,472.96	\$89,304.51

*Reflects a 3% increase from previous years cost for Sound Transit budgeting purposes.

Exhibit B



June 18, 2012

To: Sound Transit
401 S. Jackson St.
Seattle, WA 98104
Attn: Ms. Bonnie Todd
Executive Director of Operations

Subject: Letter of Intent for Maintenance Services to Bonney Lake Park & Ride Facility

Dear Ms. Todd;

I have reviewed your request for assistance from the City of Bonney Lake to help maintain the Park and Ride facility located on Sky Island Drive. In the spirit of cooperation and the need to continue providing a much needed service to the citizens of Bonney Lake, the tasks included in the attached table and schedule are an acceptable level of effort for City staff to undertake.

We would begin providing this support after our tax liability to Pierce County Transit is ended, September 30th, 2012. Also be advised, as the agreement becomes more formal the Mayor's office and City Council would have to formally adopt the agreement. My understanding is that your office would take the lead in generating this agreement for review.

I look forward to working with Sound Transit in the near future. If you have further questions please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Charles E. Simpson", with a long horizontal flourish extending to the right.

Charles E. Simpson

City of Bonney Lake
Assistant Public Works Director
253-447-4323
simpsonc@ci.bonney-lake.wa.us

19306 Bonney Lake Blvd.
P.O. Box 7380
Bonney Lake, WA 98391-0944

(253) 447-4323
FAX (253)447-4330
simpsonc@ci.bonney-lake.wa.us

IN WITNESS WHEREOF, the parties have executed this agreement the day and year first above written.

Grantor (DEVELOPER) SIGNATURE:

By: _____

By: _____

Its: _____

Its: _____

STATE OF WASHINGTON)
)SS
COUNTY OF PIERCE)

On this ____ day of _____, 20____, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared _____, of _____, to me proven to be the individual described in and who executed the foregoing instrument for himself and acknowledged that he signed the same as his free and voluntary act and deed for himself and also as his free and voluntary act and deed on behalf of said _____, for uses and purposes therein mentioned, and on oath stated that he was authorized to execute the said instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year first above written.

Printed Name: _____
NOTARY PUBLIC in and for the State of Washington,
residing at: _____
My Commission Expires: _____

EXHIBIT B - FINAL COST DATA AND INVENTORY

Permit No. _____

Name of Project Pierce Transit Signal at Sky Island Drive and 184th Avenue

Per the request of the City of Bonney Lake the following information is furnished concerning final costs for improvements installed and turned over to the City for the above referenced project.

STREET IMPROVEMENT CONSTRUCTION/CONSTRUCTION COSTS

Item	Amount	Unit	Cost
Curb, Gutter, Sidewalk	60	L.F.	\$ 10,000
Asphalt Pavement		S.Y./L.F. of _____ width	\$ _____
Sign Installation Complete		EACH	\$ _____
Street Lighting	\$2,500	Lights/Pole 4 Poles	\$ 10,000
Signalization/Controller		Signal/Pole _____ Poles	\$ 230,000
			\$ _____
		Other Incidental Costs	\$ _____
<hr/>			
Include Sales Tax if applicable		_____ % tax	\$ 0
TOTAL COST FOR STREET IMPROVEMENTS			\$ 250,000

_____ Phone _____
 _____ E-mail _____
 Print Signatory Name _____ FAX _____

 Signature by authorized agent or owner of subject development

Carol Paul

From: Dan Grigsby
Sent: Tuesday, September 20, 2011 5:10 PM
To: 'Monica Adams'; Kelly Hayden
Cc: John Woodcock; Cole Elliott
Subject: Bonney Lake Park and Ride - Parking Lot Access Improvement
Attachments: Stubbed Attachments.htm

This message's contents have been archived by the Barracuda Message Archiver.
[2011-09-13 PT ltr re COBL Park & Ride.pdf \(277.5K\)](#)

Hello Mr. Hayden and Monica; I have received and reviewed the attached letter.

Here are my thoughts on your letter:

1. To understand the potential risk associated with two or more buses using the bus turn around at the same time, we would need additional information on how often this occurs at this Park and Ride.
2. Insufficient Lane width. This would not be any different than on a typical city street. Use of stop signs at the intersection with the parking lot and having the buses move forward would address this issue.
3. Blind spots. Unclear from your letter where these would be and why use of the traffic signal or pedestrian cross walks wouldn't resolve these concerns.
4. Pedestrian conflict. When buses unload, it takes time for bus riders to unload and reach their vehicles before becoming a "threat" to other pedestrians offloading from a bus. By the time their vehicles reach the bus island, the bus and pedestrians should be gone...a level of risk similar to a typical city residential intersection.
5. Regardless of which plan is used, I believe it would be wise to reduce access to the park and ride parking lot from vehicles driving south on the access road between Prime Fitness and Wendy's. This could be accomplished by extending the landscape strip with curb and gutter along the northern side of the Pierce Transit parcel. This would leave only two access points to the parking lot: the current one by the Chevron Station and the new one on the "Park and Ride Access Road" or through the bus island. If this is not done, then this road would become a popular way for vehicles to avoid the traffic signal on SR410 at Sky Island Drive.
6. Park and Ride Access Road.
 - a. During the design process, other issues such as signage, street lights, speed bumps, etc. could be addressed.
 - b. Analysis of how many cars would use this access road. This would be, at best, very subjective and an unnecessary waste of effort. I would rather address this concern by making use of this road through the parking lot less attractive to those drivers who are not Pierce Transit customers by closing off the northern most access point as I described above in paragraph five.
 - c. Adequacy of existing internal roadway. Same answer as "c" above.
 - d. Impact on existing businesses...less than the impact of doing nothing. Of course we would keep local businesses informed as the design and construction progresses.
 - e. Stormwater system impact. If this impact is significant (exceeds existing stormwater system capacity) the city would consider connecting the overflow of the existing private stormwater system to the new regional downtown stormwater system. Pierce Transit would need to provide information on their existing stormwater system to the City to evaluate as part of the design.
 - f. Pierce Transit would have to approve the final design to ensure it is consistent with the conditions mentioned above.

- g. Pierce Transit would own and maintain the new access road. There is no need or desire for the city to own a private access road.
- h. Hazard to motorists exiting the new access road onto Sky Island Drive. I believe that a serious blind spot could exist for drivers from south bound vehicles on Sky Island Drive. This point is on a curve and there is an elevation difference making it very difficult to see traffic approaching from the north. Would need to address this issue early in the design process or have a risk assessment made for the feasibility of locating an egress point to the parking lot at this location. May also be a concern with how close this “driveway” would be to the Sky Island Drive and 184th Avenue traffic signal? You don’t want to create a new safety problem while trying to solve another one.

Third Proposal. Before pursuing development of a new access road, expanding the radius of the paved area around the bus island should be considered. This would address bus operator concerns expressed in your letter. It would avoid construction of another access point on Sky Island road that has its own safety concerns that would become moot if the traffic signal were to be jointly used by buses and private vehicles.

All this said, there would be a considerable cost increase over the City’s proposal compared to Pierce Transit’s proposal:

1. Cost to acquire additional right of way for the new access road. Including, but not limited to, preparation of legal descriptions, purchasing land from a “willing” property owner, mitigating the additional noise and lights from traffic and street lights for that property owner, and preparing a boundary line adjustment and permitting/recording it. The mitigation actions to keep the property owner happy could very well exceed the fair market value of the land itself.
2. Constructing a new access road (with curb and gutter) is much more costly when compared to making joint use of the existing pavement around the bus island.
3. Landscaping along the new access road.
4. New street lighting.
5. Extension of the landscaped median to block off access to the parking lot from the road between Prime Fitness and Wendy’s.
6. Stormwater improvements.
7. New signage, speed bumps, pavement striping, etc...

Conclusion:

1. I do not foresee the City moving forward with this project without contribution from Pierce Transit whose facility this is. At the very least, Pierce Transit would need to initiate and fund acquisition of the additional right-of-way and any mitigation costs resulting from the right-of-way purchase. Other features such as adding street lighting, stormwater improvements, speed bumps, and blocking off the northern entrance to the parking lot would also be above and beyond what the city had originally envisioned.
2. Until the cost-sharing issue is resolved, I do not see the City budgeting for or initiating any design or construction contracts for this project.

Thank you for your consideration of this proposal.

Sincerely,

DAN

DANIEL L. GRIGSBY, P.E.

Public Works Director

City of Bonney Lake

8720 Main Street E., P.O. Box 7380

Bonney Lake, WA 98391

Phone: (253) 447-4347 FAX: (253) 826-1921

grigsbyd@ci.bonney-lake.wa.us



Community Development Committee

June 7, 2016 Scheduled Meeting

Meeting Notes

City of Bonney Lake Justice and Municipal Center, 3rd Floor Conference Room.

The meeting **was** called to order at 4:00 P.M. and adjourned at 4:41 P.M.

Roll Call:

Chairperson Donn Lewis
 Councilmember Dan Swatman
 Deputy Mayor Randy McKibbin

Attendees:

Public Works Director, Dan Grigsby
 Community Development Director, John Vodopich
 City Administrator, Don Morrison
 Senior Planner, Jason Sullivan

I. Discussion/Presentation:

1. Lakeridge 2 Booster Pump Station. CDC members requested Director Grigsby set up a ribbon cutting ceremony for this project.
2. SR410 & VMD Intersection Improvement. CDC members requested an update on the status of this project from Director Grigsby. The final pavement overlay work will start during the week of 16 June. Substantial completion should occur by the end of June with punch list and cleanup occurring through mid-July.
3. Replacement of Water Line connecting Interlake Island and Inlet Island. Director Grigsby was asked about the status of this project. He said that an easement needs to be acquired in order to complete design of this pipeline replacement. This design will be “placed on the shelf” until funding for replacement is available or the pipeline fails.

II. New Business/Action Items:

1. Approval of May 17, 2016 CDC Meeting Notes.
2. AB16-61, Resolution 2526, A Resolution Of The City Council Of The City Of Bonney Lake, Pierce County, Washington, To Approve The Professional Services Agreement With Apply-A-Line For The 2016 Striping and Pavement Marking Project. Director Grigsby indicated that this contractor was the low bidder and can accomplish this work satisfactorily. CDC forwarded this action to the 14 June 2016 City Council Meeting, in the CONSENT agenda.
3. AB16-62, Resolution 2527, A Resolution Of The City Council Of The City Of Bonney Lake, Pierce County, Washington, To Approve The Construction Contract With Doolittle Construction For The 2016 Chip Seal Application. Director Grigsby indicated that this contractor was the low bidder and can accomplish this work satisfactorily. CDC forwarded this action to the 14 June 2016 City Council Meeting, in the CONSENT agenda.

4. AB16-77, Resolution 2537, Approve contract with ARC for the Public Works Center Material and Storage Yard. [City Administrator Morrison discussed this design contract. CDC forwarded this action to the 14 June 2016 City Council Meeting, in the CDC agenda.](#)
5. AB16-80, D16-80, Amendment to BLMC Section 12.30.010 Related to 2016 Mapped Street Amendments. [Jason Sullivan described the changes recommended to the Future Roads Map. CDC requested a colored map be providing showing these changes. CDC forwarded this action to the 14 June 2016 City Council Meeting, in the CDC agenda.](#)
6. AB16-83, Resolution 2539, Adopt the 2017–2022 Six Year Transportation Improvements Program (TIP). [Director Grigsby indicated that this list represented the street projects most likely to occur in this six year period, subject to the availability of funding and City Council priorities. CDC forwarded this action to the 14 June 2016 City Council Meeting, in the CONSENT agenda.](#)
7. AB16-84, Resolution 2540, Contract Amendment with Parametrix Watershed Basin Project. [Jason Sullivan indicated that this change order was needed to reflect the actual level of effort to be provided by Parametrix. He confirmed that this should be the last major amendment to this contract and that sufficient funds were available. CDC forwarded this action to the 14 June 2016 City Council Meeting, in the CONSENT agenda.](#)
8. AB16-85, Resolution 2541, Approve Construction Management, Survey and Staking Contract with KPG for the 186th Avenue Corridor Project. [Director Grigsby indicated that the budget for this contract had been previously approved by the City Council when the construction contract was awarded. CDC forwarded this action to the 14 June 2016 City Council Meeting, in the CDC agenda.](#)

Actions Under Development by Staff:

1. Ordinance – Residential and Commercial Frontage Maintenance – City and Private Property Owner Responsibilities in the City Right of Way.
2. Establish City White River Basin Water Rights [to be purchased from Cascade Water Alliance.](#)
3. Public Works Center project update provided quarterly. [\(Last updated on 7 June 2016\)](#)

City of Bonney Lake, Washington
City Council Agenda Bill (AB)

Department/Staff Contact: PW / Dave Cihak	Meeting/Workshop Date: 12 July 2016	Agenda Bill Number: AB16-88
Agenda Item Type: Resolution	Ordinance/Resolution Number: 2543	Councilmember Sponsor: Donn Lewis

Agenda Subject: Award Professional Services Agreement with H2O Solutions, LLC for the 2016 Tank Cleaning and Video Inspections

Full Title/Motion: A Resolution Of The City Council Of The City Of Bonney Lake, Pierce County, Washington, Awarding The Professional Services Agreement With H2o Solutions, Llc For The 2016 Tank Cleaning And Video Inspections.

Administrative Recommendation: Approve

Background Summary: In 2011 H2O Solutions, LLC cleaned and video inspected the 5 City of Bonney Lake water tanks. It is recommended by AWWA and Department of Health that tanks be inspected and cleaned every 5 years. The City solicited an Invitation to Quote June 20, 2016 from the MRSC Small Works Roster for the tank and video cleaning. The contractor will inspect and video the interior/exterior, clean interior to include sediment removal up to 1" thickness at Tacoma Point, Ponderosa #1 and #2, Peaking Storage, and Lakeridge Tank. We received 4 quotes, H2O Solutions-\$20,291.20, LiquiVision Technology-\$24,795.52, Inland Potable Services-\$26,344.78 and Advanced Diving Services -\$35,338.24. There may be an additional cost for any sediment that is removed over the 1" quoted cost.

Attachments: Resolution 2543, Professional Services Agreement, Exhibit A, Exhibit B and Exhibit C and quote tabulation.

BUDGET INFORMATION				
Budget Amount	Current Balance	Required Expenditure	Budget Balance	Fund Source
\$37,080	\$37,080	\$20,291.20	\$16,788.80	<input type="checkbox"/> General <input checked="" type="checkbox"/> Utilities <input type="checkbox"/> Other
Budget Explanation: 401.000.034.534.50.48.08- R&M Video Inspection Rates				

COMMITTEE, BOARD & COMMISSION REVIEW			
Council Committee Review:	Community Development Date: 5 July 2016	<i>Approvals:</i> Chair/Councilmember Donn Lewis Councilmember James Rackely Councilmember Dan Swatman	Yes No <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	Forward to:	Consent Agenda:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Commission/Board Review:			
Hearing Examiner Review:			

COUNCIL ACTION	
Workshop Date(s):	Public Hearing Date(s):
Meeting Date(s):	Tabled to Date:

APPROVALS		
Director:	Mayor:	Date Reviewed by City Attorney: (if applicable)

RESOLUTION NO. 2543

A RESOLUTION OF THE CITY OF BONNEY LAKE, PIERCE COUNTY, WASHINGTON, AUTHORIZING AWARDING THE PROFESSIONAL SERVICES AGREEMENT WITH H2O SOLUTIONS, LLC FOR THE 2016 TANK CLEANING AND VIDEO INPECTION.

WHEREAS, the City of Bonne Lake solicited an Invitation to Quotes from the MRSC Small Works Roster for the 2016 Tank Cleaning and Video Inspection on June 20, 2016: and

WHEREAS, the city received 4 quotes for the 2016 Tank Cleaning and Video Inspection and it has been determined the lowest responsible quote was from H2O Solutions, LLC in the amount of \$20,291.20, plus a possible additional cost for any sediment that is removed over the 1” quoted cost; and

NOW, THEREFORE, BE IT RESOLVED that the City of Bonney Lake Council does hereby authorize the Mayor to sign the attached Professional Services Agreement with H2O Solutions, LLC in the amount of \$20,291.20, plus a possible additional cost for any sediment that is removed over the 1" quoted cost.

PASSED by the City Council this 12th day of July, 2016.

Neil Johnson, Mayor

AUTHENTICATED:

Harwood T. Edvalson, MMC
City Clerk

APPROVED AS TO FORM:

Kathleen Haggard, City Attorney

PROFESSIONAL SERVICES AGREEMENT

THIS PROFESSIONAL SERVICES AGREEMENT (“Agreement”) is made and entered into this 12th day of July, 2016, by and between the City of Bonney Lake (“City”) and H2O Solutions, LLC (“Consultant”).

The parties hereby agree as follows:

- 1. Scope of Work.** The Consultant shall perform all work and provide all materials described in the Scope of Work set out in Exhibit A attached hereto and incorporated herein by this reference. Such work shall be performed using facilities, equipment and staff provided by Consultant, and shall be performed in accordance with all applicable federal, state and local laws, ordinances and regulations. The Consultant shall exercise reasonable care and judgment in the performance of work pursuant to this Agreement. The Consultant shall make minor changes, amendments or revisions in the detail of the work as may be required by the City, such work not to constitute Extra Work under this Agreement.
- 2. Ownership of Work Product.** Documents, presentations and any other work product produced by the Consultant in performance of work under this Agreement shall be tendered to the City upon completion of the work, and all such product shall become and remain the property of the City and may be used by the City without restriction; *provided*, that any such use by the City not directly related to the particular purposes for which the work product was produced shall be without any liability whatsoever to the Consultant.
- 3. Payment.** The Consultant shall be paid by the City for completed work and services rendered under this Agreement pursuant to the rates and charges set out in Exhibit B, attached hereto and incorporated herein by this reference. Such payment shall be full compensation for work performed or services rendered and for all labor, materials, supplies, equipment, and incidentals necessary to complete the work. All billings for compensation for work performed under this Agreement shall list actual time and dates during which the work was performed and the compensation shall be figured using the rates set out in Exhibit B; *provided*, that payment for work within the Scope of Work (Exhibit A) shall not exceed the fee/hour estimate set out in Exhibit B without written amendment to this Agreement, agreed to and signed by both parties.

Acceptance of final payment by the Consultant shall constitute a release of all claims, related to payment under this Agreement, which the Consultant may have against the City unless such claims are specifically reserved in writing and transmitted to the City by the Consultant prior to acceptance of final payment. Final payment shall not, however, be a bar to any claims that the City may have against the Consultant or to any remedies the City may pursue with respect to such claims.

The Consultant and its sub consultants shall keep available for inspection, by the City, for a period of three years after final payment, the cost records and accounts pertaining to this Agreement and all items related to, or bearing upon, such records. If any litigation, claim or audit is started before the expiration of the three-year retention period, the records shall be retained until all litigation, claims or audit findings involving the records have been resolved. The three-year retention period shall commence when the Consultant receives final payment.

4. **Changes in Work.** The Consultant shall make all revisions and changes in the work completed under this Agreement as are necessary to correct errors, when required to do so by the City, without additional compensation.

5. **Extra Work.** The City may desire to have the Consultant perform work or render services in addition to or other than work provided for by the expressed intent of the Scope of Work. Such work will be considered Extra Work and will be specified in a written supplement which will set forth the nature and scope thereof. Work under a supplement shall not proceed until authorized in writing by the City. Any dispute as to whether work is Extra Work or work already covered by this Agreement shall be resolved before the work is undertaken. Performance of the work by the Consultant prior to resolution of any such dispute shall waive any claim by the Consultant for compensation as Extra Work.

6. **Employment.** Any and all employees of Consultant, while engaged in the performance of any work or services required by the Consultant under this Agreement, shall be considered employees of the Consultant only and not of the City, and any and all claims that may or might arise under the Workman's Compensation Act on behalf of said employees, while so engaged; any and all taxes arising out of Consultant's or Consultant's employees' work under this Agreement; and any and all claims made by a third party as a consequence of any acts, errors, or omissions on the part of the Consultant's employees, while so engaged, shall be the sole obligation and responsibility of the Consultant, except as provided in Section 12 of this agreement. The Consultant's relation to the City shall at all times be as an independent contractor.

7. **Nondiscrimination and Legal Compliance.** Consultant agrees not to discriminate against any client, employee or applicant for employment or for services because of race, creed, color, national origin, marital status, gender, age or handicap except for a bona fide occupational qualification with regard to, but not limited to, the following: employment upgrading; demotion or transfer; recruitment or any recruitment advertising; layoff or termination; rates of pay or other forms of compensation; selection for training; and rendition of services. The consultant represents and warrants that it is in compliance with and agrees that it will remain in compliance with the provisions of the Immigration Reform and Control Act of 1986, including but not limited to the provisions of the Act prohibiting the hiring and continued employment of unauthorized aliens and requiring verification and record keeping with respect to the status of each of its employees' eligibility for employment. The consultant shall include a provision substantially the same as this

section in any and all contracts with sub consultants performing work required of the contractor under this contract. The consultant agrees to indemnify and hold the City harmless from any and all liability, including liability for interest and penalties, the City may incur as a result of the consultant failing to comply with any provisions of the Immigration Reform and Control Act of 1986. Consultant understands and agrees that if it violates this section, this Agreement may be terminated by the City, and that Consultant shall be barred from performing any services for the City in the future unless and until a showing is made satisfactory to the City that discriminatory practices have terminated and that recurrence of such action is unlikely.

8. **Term.** This Agreement shall become effective upon the day of its execution by both parties, and shall terminate upon completion of the work and delivery of all materials described in Exhibit A.

9. **Termination by City.** The City may terminate this Agreement at any time upon not less than ten (10) days written notice to Consultant, subject to the City's obligation to pay Consultant in accordance with subsections A and B below.

A. In the event this Agreement is terminated by the City other than for fault on the part of the Consultant, a final payment shall be made to the Consultant for actual cost of work complete at the time of termination of the Agreement. In addition, the Consultant shall be paid on the same basis as above for any authorized Extra Work completed. No payment shall be made for any work completed after ten (10) days following receipt by the Consultant of the termination notice. If the accumulated payment(s) made to the Consultant prior to the termination notice exceeds the total amount that would be due as set forth in this subsection, then no final payment shall be due and the Consultant shall immediately reimburse the City for any excess paid.

B. In the event the services of the Consultant are terminated by the City for fault on the part of the Consultant, subsection A of this section shall not apply. In such event the amount to be paid shall be determined by the City with consideration given to the actual costs incurred by the Consultant in performing the work to the date of termination, the amount of work originally required which was satisfactorily completed to date of termination, whether that work is in a form or of a type which is usable by the City at the time of termination, the cost to the City of employing another person or firm to complete the work required and the time which may be required to do so, and other factors which affect the value to the City of the work performed at the time of termination. Under no circumstances shall payment made under this subsection exceed the amount which would have been made if subsection A of this section applied.

C. In the event this Agreement is terminated prior to completion of the work, the original copies of all work products prepared by the Consultant prior to termination shall become the property of the City for its use without restriction; *provided*, that any such use by the

City not directly related to the particular purposes for which the work product was produced shall be without any liability whatsoever to the Consultant.

10. **Termination by Consultant.** Consultant may terminate this Agreement only in response to material breach of this Agreement by the City, or upon completion of the work set out in the Scope of Work and any Extra Work agreed upon by the parties.

11. **Applicable Law; Venue.** The law of the State of Washington shall apply in interpreting this Agreement. Venue for any lawsuit arising out of this Agreement shall be in the Superior Court of the State of Washington, in and for Pierce County.

12. **Indemnification / Hold Harmless**

Consultant shall defend, indemnify and hold the City, its officers, officials, employees and volunteers harmless from any and all claims, injuries, damages, losses or suits including attorney fees arising out of or resulting from the negligent acts, errors or omissions of the Consultant in performance of this Agreement, except for injuries and damages caused by the sole negligence of the City. In the event of liability for damages arising out of bodily injury to persons or damages to property caused by or resulting from the concurrent negligence of the Consultant and the City, its officers, officials, employees, and volunteers, the Consultant's liability, including the duty and cost to defend, hereunder shall be only to the extent of the Consultant's negligence. It is further specifically and expressly understood that the indemnification provided herein constitutes the Consultant's waiver of immunity under Industrial Insurance, Title 51 RCW, solely for the purposes of this indemnification. This waiver has been mutually negotiated by the parties. The provisions of this section shall survive the expiration or termination of this Agreement.

Insurance

The Consultant shall procure and maintain for the duration of the Agreement, insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work hereunder by the Consultant, its agents, representatives, or employees.

A. Minimum Scope of Insurance

Consultant shall obtain insurance of the types described below:

1. Automobile Liability insurance covering all owned non-owned, hired and leased vehicles. Coverage shall be written on Insurance Services Office (ISO) form CA 00 01 or a substitute form providing equivalent liability coverage. If necessary, the policy shall be endorsed to provide contractual liability coverage.

2. Commercial General Liability insurance shall be written on ISO occurrence form CG 00 01 and shall cover liability arising from premises, operations, independent contractors and personal injury and advertising injury. The City shall be named as an insured under the Consultant's Commercial General Liability insurance policy with respect to the work performed for the City.
3. Workers' Compensation coverage as required by the Industrial Insurance laws of the State of Washington.
4. Professional Liability insurance appropriate to the Consultant's profession.

B. Minimum Amounts of Insurance

Consultant shall maintain the following insurance limits:

1. Automobile Liability insurance with a minimum combined single limit for bodily injury and property damage of \$1,000,000 per accident.
2. Commercial General Liability insurance shall be written with limits no less than \$1,000,000 each occurrence, \$2,000,000 general aggregate.
3. Professional Liability insurance shall be written with limits no less than \$1,000,000 per claim and \$1,000,000 policy aggregate limit.

C. Other Insurance Provisions

The insurance policies are to contain, or be endorsed to contain, the following provisions for Automobile Liability, Professional Liability and Commercial General Liability insurance:

1. The Consultant's insurance coverage shall be primary insurance as respect the City. Any insurance, self-insurance, or insurance pool coverage maintained by the City shall be excess of the Consultant's insurance and shall not contribute with it.
2. The Consultant's insurance shall be endorsed to state that coverage shall not be cancelled by either party, except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the City.

D. Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best rating of not less than A:VII.

E. Verification of Coverage

Consultant shall furnish the City with original certificates and a copy of the amendatory endorsements, including but not necessarily limited to the additional insured endorsement, evidencing the insurance requirements of the Consultant before commencement of the work.

13. Prevailing Wage

CONTRACTOR shall pay all laborers, workers, or mechanics performing work under this Agreement prevailing wages as required by Ch. 39.12 RCW, and shall satisfy all other requirements of that chapter, including without limitation requiring that all subcontractors performing work related to the project comply with the requirements of that chapter. The hourly minimum rate of wage which may be paid to laborers, workers, or mechanics for work related to the Project is shown on Exhibit C, attached hereto and incorporated herein by this reference. Prior to the CITY making any payment to CONTRACTOR under this Agreement, CONTRACTOR and each subcontractor shall submit to the CITY a Statement of Intent to Pay Prevailing Wages approved by the industrial statistician of the Washington State Department of Labor and Industries and complying with the requirements of RCW 39.12.040. Prior to release of the sums retained pursuant to section 17 of this Agreement ["Retainage"], CONTRACTOR and each subcontractor shall submit to the City an Affidavit of Wages Paid approved by the industrial statistician of the Washington State Department of Labor and Industries and complying with the requirements of RCW 39.12.040.

14. Subletting or Assigning. The Consultant shall not sublet or assign any of the work covered by this Agreement without the express written consent of the City.

15. Entire Agreement. This Agreement represents the entire Agreement between the parties. No change, termination or attempted waiver of any of the provisions of the Agreement shall be binding on any party unless executed in writing by authorized representatives of each party. The agreement shall not be modified, supplemented or otherwise affected by the course of dealing between the parties.

16. Waiver. Failure by any party to this Agreement to enforce any provision of this Agreement or to declare a breach shall not constitute a waiver thereof, nor shall it impair any party's right to demand strict performance of that or any other provision of this Agreement any time thereafter.

17. Severability. If any provision of this Agreement or its application is held invalid, the remainder of the Agreement or the application of the remainder of the Agreement shall not be affected.

18. **Execution and Acceptance.** This Agreement may be executed in several counterparts, each of which shall be deemed to be an original having identical legal effect. The Consultant hereby ratifies and adopts all statements, representations, warranties, covenants, and agreements contained in the supporting materials submitted by the Consultant, and does hereby accept the Agreement and agrees to all of the terms and conditions thereof.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first above written.

CITY OF BONNEY LAKE

CONSULTANT

By: _____
Neil Johnson Jr., Mayor

By: _____

Attachments:

- Exhibit A: Scope of Work
- Exhibit B: Rates
- Exhibit C: Prevailing Wages



Exhibit A

**City of Bonney Lake
Small Public Works Project
Prevailing Wages are required to be paid**

Invitation to Quote

Date: June 20, 2016

The City of Bonney Lake is accepting quotes for a Small Public Works Project. As a contractor on our Small Works Roster, you are invited to submit a quote on this project.

2016 Water Tank Video & Tank Cleaning

Scope of Work:

1. Interior/Exterior Inspection and Video
2. Interior Cleaning – including sediment removal up to 1” thickness
3. Sediment removal cost/cubic yard above 1” thickness
4. Manlift of 125’ required for Tacoma Point Reservoir access or Contractor supplied Fall Prevention Equipment.

Tanks	Tacoma Point	Ponderosa #1	Ponderosa #2	Peaking Storage	Lakeridge
Overall Height	105'	45'	114'	35'	35'
Diameter	44'	63'	64'	275'	63'
Ladder Height from Ground	25'	25'	Ground	No Ladder City Manlift	25'
Last Inspection	2011	2011	2011	2011	2011
Tank Type	Welded Steel	Welded Steel	Welded Steel	Concrete	Welded Steel
Volume	1 MG	1 MG	2.8 MG	15 MG	0.8 MG
Style	Standpipe	Standpipe	Standpipe	Standpipe	Standpipe

- Written plan showing compliance with AWWA Standard C652-11 (or latest edition) and applicable L & I Regulations
- Provide (2) Two Copies of Video Inspection (DVD Format)
- Provide (2) Two Copies of Written Inspection Report and Summary of Findings
- Reservoirs to remain in service during Inspection and Cleaning
- The Contractor shall perform all required permanent landscape restoration of disturbed areas on private property and within County, State, City or Municipal rights-of-way upon completion, to the satisfaction of the Owner.
- The Contractor(s) shall be prepared to furnish all tools, materials, and/or equipment necessary to perform the necessary work.

Prevailing Wage website: <https://fortress.wa.gov/lni/wagelookup/prvWagelookup.aspx> (Pierce County)

Date Proposals are requested: 12:00 p.m. Monday, June 27, 2016.

If you have any questions or concerns, please contact Dave Cihak at (253) 405-6611 or 253 447-4312.

**City of Bonney Lake Small Public Works Project Quote Sheet
Exhibit B**

Company Name: H2O Solutions, LLC
Address: 9030 W Sahara Avenue, Suite 208
 Las Vegas, NV 89117
Phone Number: 206 422 0894
Fax Number: N/A
Contact Name: Renee Reed / renee@h2odivingsolutions.com

Project Title: 2016 Tank Video and Cleaning

Having carefully examined all documents enclosed herein, the Contractor proposes to perform all work in strict compliance with all documents, for the set forth below.

Schedule: Work shall be completed within 30 working days after the indicated starting date appearing in an official "Notice to Proceed" issued by Bonny Lake.

Item	Tanks	Volume	Diameter	Tank Type	Price for Interior/Exterior Inspection and Video	Price for Cleaning and Removal of Sediment up to 1"	Price for Additional Sediment over 1" per Cubic Yard	Mobilization	125' Mainlift *If Required*	Cost Per Tank
1	Tacoma Point	1 MG	44'	Welded Steel	\$750.00	\$1,200.00	\$100.00	\$0.00	N/A	\$1,950.00
2	Ponderosa #1	1 MG	63'	Welded Steel	\$750.00	\$1,000.00	\$350.00	\$0.00	NA	\$1,750.00
3	Ponderosa #2	2.8 MG	64'	Welded Steel	\$750.00	\$1,800.00	\$350.00	\$0.00	NA	\$2,550.00
4	Peaking Storage	15 MG	27.5'	Concrete	\$750.00	\$9,900.00	\$4,000.00	\$0.00	No Ladder City Manlift	\$10,650.00
5	Lakeridge	0.8 MG	63'	Welded Steel	\$750.00	\$1,000.00	\$350.00	\$0.00	NA	\$1,750.00

Subtotal (Items 1 - 5)	\$18,650.00
8.8% Sales Tax	\$1,641.20
Total Quote	\$20,291.20

Exhibit C

State of Washington
Department of Labor & Industries
Prevailing Wage Section - Telephone 360-902-5335
PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

Journey Level Prevailing Wage Rates for the Effective Date:
6/20/2016

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>
Pierce	Divers & Tenders	Diver	\$107.22	<u>5D</u>	<u>4C</u>	<u>8A</u>
Pierce	Divers & Tenders	Diver On Standby	\$64.42	<u>5D</u>	<u>4C</u>	
Pierce	Divers & Tenders	Diver Tender	\$58.33	<u>5D</u>	<u>4C</u>	
Pierce	Divers & Tenders	Surface Rcv & Rov Operator	\$58.33	<u>5D</u>	<u>4C</u>	
Pierce	Divers & Tenders	Surface Rcv & Rov Operator Tender	\$54.27	<u>5A</u>	<u>4C</u>	

H2O Solutions, LLC

Item	Tanks	Volume	Diameter	Tank Type	Price for Interior/Exterior Inspection and Video	Price for Cleaning and Removal of Sediment up to 1"	Price for Additional Sediment over 1" per Cubic Yard	Mobilization	125' Mainlift *If Required*	Cost Per Tank
1	Tacoma Point	1 MG	44'	Welded Steel	\$ 750.00	\$ 1,200.00	\$ 100.00	\$ -	NA	\$ 1,950.00
2	Ponderosa #1	1 MG	63'	Welded Steel	\$ 750.00	\$ 1,000.00	\$ 350.00	\$ -	NA	\$ 1,750.00
3	Ponderosa #2	2.8 MG	64'	Welded Steel	\$ 750.00	\$ 1,800.00	\$ 350.00	\$ -	NA	\$ 2,550.00
4	Peaking Storage	15 MG	275'	Concrete	\$ 750.00	\$ 9,900.00	\$ 4,000.00	\$ -	No Ladder City Manlift	\$ 10,650.00
5	Lakeridge	0.8 MG	63'	Welded Steel	\$ 750.00	\$ 1,000.00	\$ 350.00	\$ -	NA	\$ 1,750.00

Subtotal (Items 1 - 5)

8.8% Sales Tax

Total Quote

\$	18,650.00
\$	1,641.20
\$	20,291.20

LiquiVision Technology, Inc.

Item	Tanks	Volume	Diameter	Tank Type	Price for Interior/Exterior Inspection and Video	Price for Cleaning and Removal of Sediment up to 1"	Price for Additional Sediment over 1" per Cubic Yard	Mobilization	125' Mainlift *If Required*	Cost Per Tank
1	Tacoma Point	1 MG	44'	Welded Steel	\$ 1,900.00	\$ 220.00	\$ 164.00	\$ 450.00	\$	\$ 2,570.00
2	Ponderosa #1	1 MG	63'	Welded Steel	\$ 1,500.00	\$ 250.00	\$ 367.00	\$ -	NA	\$ 1,750.00
3	Ponderosa #2	2.8 MG	64'	Welded Steel	\$ 1,900.00	\$ 520.00	\$ 377.00	\$ -	NA	\$ 2,420.00
4	Peaking Storage	15 MG	275'	Concrete	\$ 2,800.00	\$ 11,500.00	\$ 6,413.00	\$ -	No Ladder City Manlift	\$ 14,300.00
5	Lakeridge	0.8 MG	63'	Welded Steel	\$ 1,500.00	\$ 250.00	\$ 367.00	\$ -	NA	\$ 1,750.00

Subtotal (Items 1 - 5)

8.8% Sales Tax

Total Quote

\$	22,790.00
\$	2,005.52
\$	24,795.52

Inland Potable Services

Item	Tanks	Volume	Diameter	Tank Type	Price for Interior/Exterior Inspection and Video	Price for Cleaning and Removal of Sediment up to 1"	Price for Additional Sediment over 1" per Cubic Yard	Mobilization	125' Mainlift *If Required*	Cost Per Tank
1	Tacoma Point	1 MG	44'	Welded Steel	\$	\$	\$	\$	1,988.00	\$ 3,504.63
2	Ponderosa #1	1 MG	63'	Welded Steel	\$	\$	\$	\$	NA	\$ 2,041.33
3	Ponderosa #2	2.8 MG	64'	Welded Steel	\$	\$	\$	\$	NA	\$ 2,041.33
4	Peaking Storage	15 MG	275'	Concrete	\$	\$	\$	\$	No Ladder City Manlift	\$ 14,585.33
5	Lakeridge	0.8 MG	63'	Welded Steel	\$	\$	\$	\$	NA	\$ 2,041.33

Subtotal (Items 1 - 5) \$ 24,213.95
 8.8% Sales Tax \$ 2,130.83
Total Quote \$ 26,344.78

Advanced Diving Services, Inc.

Item	Tanks	Volume	Diameter	Tank Type	Price for Interior/Exterior Inspection and Video	Price for Cleaning and Removal of Sediment up to 1"	Price for Additional Sediment over 1" per Cubic Yard	Mobilization	125' Mainlift *If Required*	Cost Per Tank
1	Tacoma Point	1 MG	44'	Welded Steel	Included	\$ 2,500.00	\$ 35.00	Included	FP Co. Provided	\$ 2,500.00
2	Ponderosa #1	1 MG	63'	Welded Steel	Included	\$ 1,250.00	\$ 35.00	Included	NA	\$ 1,250.00
3	Ponderosa #2	2.8 MG	64'	Welded Steel	Included	\$ 4,900.00	\$ 35.00	Included	NA	\$ 4,900.00
4	Peaking Storage	15 MG	275'	Concrete	Included	\$ 22,500.00	\$ 35.00	Included	No Ladder City Manlift	\$ 22,500.00
5	Lakeridge	0.8 MG	63'	Welded Steel	Included	\$ 1,250.00	\$ 35.00	Included	NA	\$ 1,250.00

Subtotal (Items 1 - 5) \$ 32,400.00
 WA Prevailing Wage Filing Fees \$ 80.00
 8.8% Sales Tax 2858.24
Total Quote \$ 35,338.24

**City of Bonney Lake, Washington
City Council Agenda Bill (AB)**

Department/Staff Contact: PW / Douglas Budzynski	Meeting/Workshop Date: 12 July 2016	Agenda Bill Number: AB16-90
Agenda Item Type: Resolution	Ordinance/Resolution Number: 2545	Councilmember Sponsor: Donn Lewis

Agenda Subject: Notice of Award for Construction of Grainger Springs Upgrade.

Full Title/Motion: A Resolution Of The City Council Of The City Of Bonney Lake, Pierce County, Washington, Authorizing A Contract With Northeast Electric For The Construction Effort Of The Grainger Springs Upgrade.

Administrative Recommendation: Recommendation Approval

Background Summary: In August 2015, The City Council approved a PSA with RH-2 to design the upgrade of the Grainger Springs pump station site. With Grainger Springs pump station as one of the City's oldest pump stations, it is showing extreme aging and despair. RH-2 completed an analysis of the site and determined to upgrade the site in two phases. This phase will remove the old generator and empty storage building at the pump station site, add an asphalt surface on the roadway to the pump station, construct a new covered platform for a new generator at the treatment site, purchase a new generator, upgrade the communications for the pump station and treatment sites, and install the conduit/wires between the treatment site and pump station site for communications and emergency power. The second stage will address renovation of the building itself. On June 22, 2016, the City received 3 bids. Northeast Electric was the apparent low bidder with a bid of \$576,836.84. The Engineer's Estimate is \$733,649.28. Staff has determined that Northeast Electric's submittal is consistent with the requirements of the contract provisions. Water SDC funding will be used for this project.

Attachments: Resolution 2545, Contract, Map

BUDGET INFORMATION				
Budget Amount	Current Balance	Required Expenditure	Budget Balance	Fund Source
\$1,116,329.00	\$995,663.00	\$739,019.84	\$256,643.16	<input type="checkbox"/> General <input checked="" type="checkbox"/> Utilities <input type="checkbox"/> Other
Budget Explanation: 401.102.034.594.34.62.04 Grainger Springs Upgrade Construction Contract: \$576,836.84 + 10% Contingency: \$57,683.00 + Programming/Construction Services: \$104,500.00 for Total Amount = \$739,019.84. Revenue Source: Water SDCs				

COMMITTEE, BOARD & COMMISSION REVIEW				
Council Committee Review:	Community Development	<i>Approvals:</i>	Yes	No
	Date: 5 July 2016	Chair/Councilmember	Donn Lewis	<input type="checkbox"/> <input type="checkbox"/>
		Councilmember	Dan Swatman	<input type="checkbox"/> <input type="checkbox"/>
		Councilmember	James Rackley	<input type="checkbox"/> <input type="checkbox"/>
	Forward to:	Consent Agenda: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Commission/Board Review:				
Hearing Examiner Review:				

COUNCIL ACTION	
Workshop Date(s):	Public Hearing Date(s):
Meeting Date(s): July 12, 2016	Tabled to Date:

APPROVALS		
Director:	Mayor:	Date Reviewed by City Attorney: (if applicable)

RESOLUTION NO. 2545

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BONNEY LAKE, WASHINGTON, AWARDED THE GRAINGER SPRINGS UPGRADE CONSTRUCTION TO NORTHEAST ELECTRIC.

WHEREAS, the City Council adopted the 2015 – 2016 biennial budget that included funding for the Grainger Springs Upgrade in the Water Capital Improvement Programs; and

WHEREAS, the City opened bids on June 22, 2016 for the Grainger Springs Upgrade Construction and the low bidder was determined to be Northeast Electric for the amount of \$576,836.84 which includes tax; and

NOW THEREFORE, THE CITY COUNCIL OF THE CITY OF BONNEY LAKE, WASHINGTON DOES HEREBY RESOLVE AS FOLLOWS:

That the City of Bonney Lake Council does hereby authorize the Mayor to sign the attached contract with Northeast Electric.

BE IT FURTHER RESOLVED, that the City of Bonney Lake Council does hereby authorize a 10% Construction Contingency (\$57,683.00) amount based on the contract bid amount as well as \$104,500.00 for permitting, software programming, and construction services for a total amount of \$739,019.84.

PASSED by the City Council this 12th day of July, 2016.

Neil Johnson, Jr., Mayor

AUTHENTICATED:

Harwood T. Edvalson, MMC, City Clerk

APPROVED AS TO FORM:

Kathleen Haggard, City Attorney

CITY OF BONNEY LAKE CONTRACT

THIS CONTRACT, is made and entered into this 12th day of July, 2016 by and between the CITY OF BONNEY LAKE, a Washington municipal corporation, hereinafter referred to as the "Owner" and Northeast Electric, hereinafter referred to as the "Contractor."

WITNESSETH:

WHEREAS, the Owner desires to have certain work, services and/or tasks performed as set forth below requiring specialized skills and other supportive capabilities; and

WHEREAS, the Contractor represents that the Contractor is qualified and possesses sufficient skills and the necessary capabilities, including technical and professional expertise, to perform the work, services and/or tasks set forth in this Agreement; and

WHEREAS the Owner has heretofore caused to be prepared certain plans and specifications described as the Grainger Springs Upgrade and the Contractor did on the 22nd day of June, 2016, file with the Owner a proposal to construct said work and agreed to accept as payment therefore the sum fully stated and set forth in the proposal; and

WHEREAS, the said Contract Documents fully and accurately described the terms and conditions upon which the Contractor proposes to furnish said equipment, labor, materials, and appurtenances and perform said work, together with the manner and time of furnishing same;

IT IS THEREFORE AGREED, first, the Contractor shall perform such work and accomplish such tasks, including the furnishing of all materials and equipment necessary for full performance thereof, as are identified and designated as Contractor responsibilities throughout this Agreement and as detailed in the plans and specifications described as Grainger Springs Upgrade. It is agreed that a copy of said General Conditions and other Contract Documents filed with the Owner, as aforesaid, do, in all particulars, become a part of this Agreement by and between the parties hereto in all matters and things therein set forth and described;

AND FURTHER, that the Owner and the Contractor hereby accept and agree to the terms and conditions of said Contract Documents as filed as completely as if said terms and conditions and plans were herein set out in full.

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed the day and year first hereinabove written.

CITY OF BONNEY LAKE

CONTRACTOR: Northeast Electric

Neil Johnson, Jr., Mayor

By Barri Halberg
Title PM/Estimator

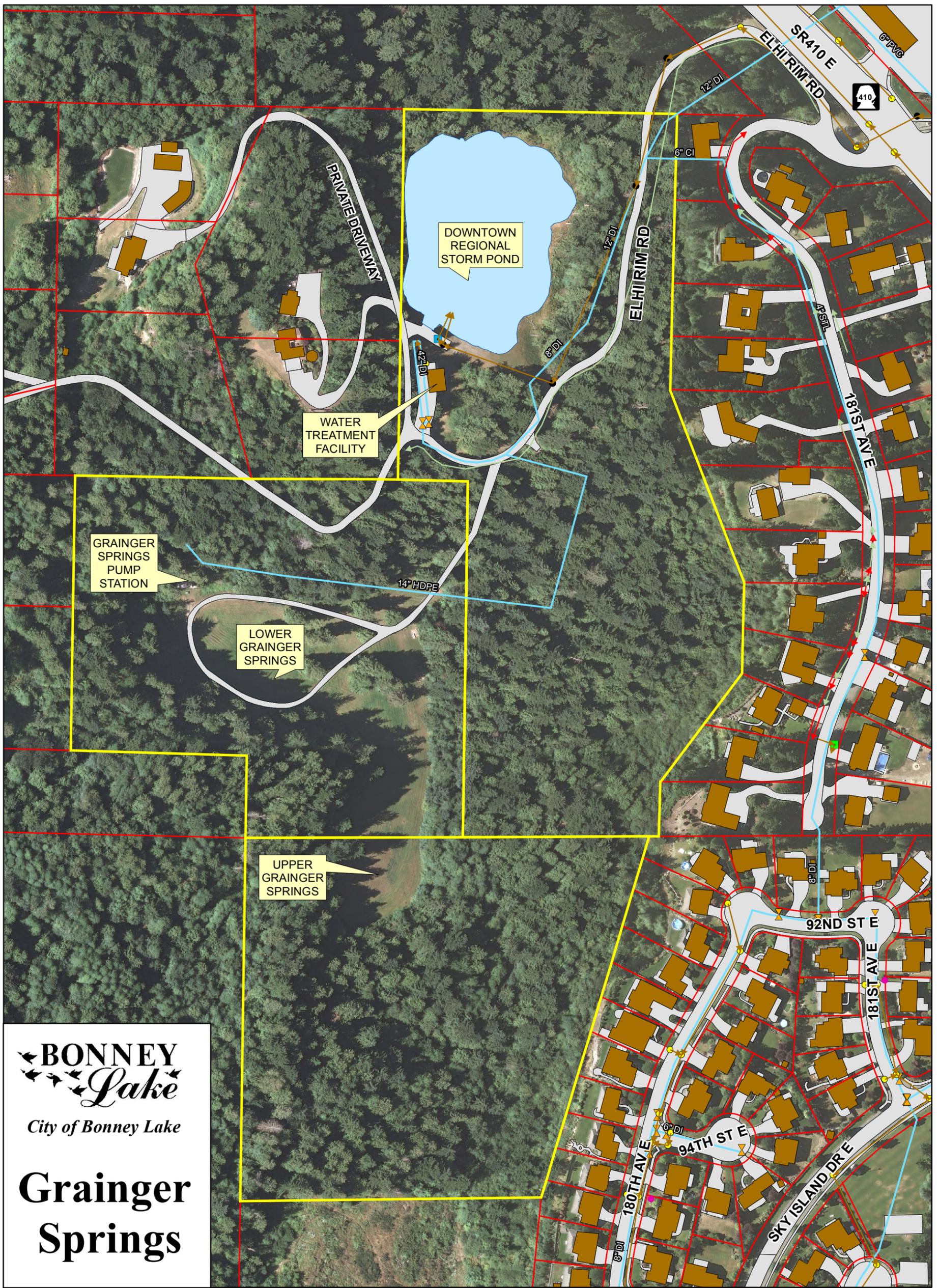
Date:

Date: 6/30/16

City of Bonney Lake - Grainger Springs Site Upgrade Project

Date: June 22, 2016

Bid No.	Units	Description	Qty	Engineers Estimate		Northeast Electric		Award Construction		Prospect Construction	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
SCHEDULE A											
A1	LS	Mobilization/Demobilization, Site Preparation and Cleanup	1	\$ 50,000.00	\$ 50,000.00	\$ 48,000.00	\$ 48,000.00	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00
A2	LS	Demolition	1	\$ 50,000.00	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00	\$ 10,500.00	\$ 10,500.00	\$ 10,000.00	\$ 10,000.00
A3	LS	Site Improvements	1	\$ 25,000.00	\$ 25,000.00	\$ 65,000.00	\$ 65,000.00	\$ 42,000.00	\$ 42,000.00	\$ 40,000.00	\$ 40,000.00
A4	tons	CSTC	217	\$ 70.00	\$ 15,190.00	\$ 26.00	\$ 5,642.00	\$ 44.00	\$ 9,548.00	\$ 29.83	\$ 6,473.11
A5	tons	Asphalt Paving	333	\$ 200.00	\$ 66,600.00	\$ 90.64	\$ 30,183.12	\$ 95.00	\$ 31,635.00	\$ 90.64	\$ 30,183.12
A6	LS	Generator	1	\$ 118,000.00	\$ 118,000.00	\$ 70,000.00	\$ 70,000.00	\$ 86,000.00	\$ 86,000.00	\$ 75,000.00	\$ 75,000.00
A7	LS	Generator Structure	1	\$ 60,000.00	\$ 60,000.00	\$ 65,000.00	\$ 65,000.00	\$ 75,000.00	\$ 75,000.00	\$ 98,925.77	\$ 98,925.77
A8	LS	Electrical	1	\$ 260,000.00	\$ 260,000.00	\$ 200,000.00	\$ 200,000.00	\$ 225,000.00	\$ 225,000.00	\$ 240,000.00	\$ 240,000.00
A9	LS	Minor Change	1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
				Construction Cost: Schedule A		\$ 659,790.00		\$ 539,683.00		\$ 560,582.00	
				WSST @ 8.8%.....		\$ 58,061.52		\$ 47,492.10		\$ 49,331.22	
				Total Cost Schedule A - Including WSST.....		\$ 717,851.52		\$ 587,175.10		\$ 609,913.22	
SCHEDULE B											
B1	ton	CSTC	36	\$ 70.00	\$ 2,520.00	\$ 26.00	\$ 936.00	\$ 44.00	\$ 1,584.00	\$ 33.12	\$ 1,192.32
B2	tons	Asphalt Paving	60	\$ 200.00	\$ 12,000.00	\$ 90.33	\$ 5,419.80	\$ 95.00	\$ 5,700.00	\$ 100.60	\$ 6,036.00
				Construction Cost: Schedule B.....		\$ 14,520.00		\$ 7,284.00		\$ 7,228.32	
				WSST @ 8.8%.....		\$ 1,277.76		\$ 559.31		\$ 636.09	
				Total Cost Schedule B - Including WSST.....		\$ 15,797.76		\$ 7,924.99		\$ 7,864.41	
				Total Cost - Schedule A&B inc. WSST.....		\$ 733,649.28		\$ 576,836.84		\$ 617,777.63	



BONNEY
Lake

City of Bonney Lake

Grainger Springs

-  Grainger Springs City-Owned Property
-  Downtown Regional Storm Pond
-  Tax Parcel
-  Building
-  Impervious Surface

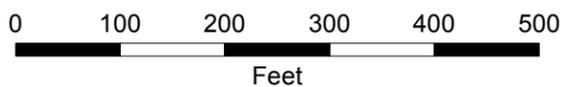
Pierce County 2011 Ortho Aerial Image

Water System

-  Water Main
-  Gate Valve
-  Valve
-  Blow Off

Stormwater System

-  Channel
-  Culvert
-  Pipe
-  Catch Basin
-  Manhole
-  Dry Well
-  Vault



City of Bonney Lake, Washington
City Council Agenda Bill (AB)

Department/Staff Contact: PW / Douglas Budzynski	Meeting/Workshop Date: 12 July 2016	Agenda Bill Number: AB16-91
Agenda Item Type: Resolution	Ordinance/Resolution Number: 2546	Councilmember Sponsor: Donn Lewis

Agenda Subject: Award contract to RH-2 Engineering for programming and construction services as part of the effort of the Grainger Springs Upgrade Project.

Full Title/Motion: A Resolution Of The City Council Of The City Of Bonney Lake, Pierce County, Washington, Authorizing A Contract Awarding The Professional Services Agreement To Rh-2 Engineering, Inc To Complete Programming Effort And Construction Services For The Grainger Springs Upgrade.

Administrative Recommendation: Recommendation Approval

Background Summary: The services to be provided by RH-2 will include completing the telemetry and software development effort and startup support of the new communications at the site, review of material submittals from the Construction Contractor, and provide on-site observation support when requested by the City. The PSA from RH-2 is in the amount of \$88,500. This amount will be paid from the Construction Services, \$104,500.00, portion of the project that was approved in Resolution 2545, the award contract of the construction effort for the Grainger Springs Upgrade.

Attachments: Resolution 2546, PSA, Map

BUDGET INFORMATION

Budget Amount	Current Balance	Required Expenditure	Budget Balance	Fund Source
\$1,116,329.00	\$995,663.00	\$739,019.84	\$256,643.16	<input type="checkbox"/> General <input checked="" type="checkbox"/> Utilities <input type="checkbox"/> Other

Budget Explanation: 401.102.034.594.34.62.04 Grainger Springs Upgrade
 Construction Contract: \$576,836.84 + 10% Contingency: \$57,683.00 + Programming/Construction Services: \$104,500.00 for Total Amount = \$739,019.84. Revenue Source: Water SDCs

COMMITTEE, BOARD & COMMISSION REVIEW

Council Committee Review: Community Development *Approvals:* Yes No
 Date: July 5, 2016
 Chair/Councilmember Donn Lewis
 Councilmember Dan Swatman
 Councilmember James Rackley
 Forward to: **Consent Agenda:** Yes No

Commission/Board Review:

Hearing Examiner Review:

COUNCIL ACTION

Workshop Date(s): Public Hearing Date(s):
 Meeting Date(s): July 12, 2016 Tabled to Date:

APPROVALS

Director: **Mayor:** **Date Reviewed by City Attorney:**
 (if applicable)

RESOLUTION NO. 2546

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BONNEY LAKE, PIERCE COUNTY, WASHINGTON, AUTHORIZING A CONTRACT WITH RH-2 ENGINEERING, INC. FOR SERVICES TO PROVIDE CONSTRUCTION SERVICES AND PROGRAMMING EFFORTS FOR THE GRAINGER SPRINGS UPGRADE PROJECT.

WHEREAS, the City opened bids on June 22, 2016 for the Grainger Springs Upgrade Construction and the low bidder was determined to be Northeast Electric for the amount of \$576,836.84 which includes tax;

WHEREAS, the City Council has approved by Resolution 2545, the agreement with Northeast Electric for the construction of the Grainger Springs Upgrade project; and

WHEREAS, the City approved by Resolution 2545, the allocation of funding for software programming and construction services in the amount of \$104,500.00; and

WHEREAS, the City received a quote from RH-2 Engineering, Inc. to complete software programming effort and construction services as part of the Grainger Springs Upgrade Project in the amount of \$88,500.00; and

NOW THEREFORE, THE CITY COUNCIL OF THE CITY OF BONNEY LAKE, WASHINGTON DOES HEREBY RESOLVE AS FOLLOWS:

That the City of Bonney Lake Council does hereby authorize the Mayor to sign the attached professional services agreement with RH-2 Engineering, Inc.

PASSED by the City Council this 12th day of July, 2016.

Neil Johnson, Jr., Mayor

AUTHENTICATED:

Harwood T. Edvalson, MMC, City Clerk

APPROVED AS TO FORM:

Kathleen Haggard, City Attorney

Contract Amendment No. 2
City of Bonney Lake
Grainger Springs Site Upgrade
Services During Construction and Telemetry and Control Development
RH2 Project No. BON 515.100

In accordance with our Professional Services Agreement for the Grainger Springs Site Upgrade, dated August 11, 2015, this is an authorization to revise the project Scope of Work, as described below. The work will be performed and invoiced using the terms and conditions listed in the original agreement, plus previous amendments and/or agreements.

Add the following items to the Scope of Work:

Reference attached **Exhibit A** and **Exhibit B**.

The engineering fee authorization is \$88,500.

Please sign this authorization in the space provided below and mail or fax to RH2 Engineering, Inc., 22722 29th Drive SE, Suite 210, Bothell, WA 98021. FAX (425) 951-5401.

RH2 Engineering, Inc.

City of Bonney Lake



Signature

Signature

Geoffrey G. Dillard, Director

Print Name/Title

Print Name/Title

6-16-16

Date

Date

EXHIBIT A
Scope of Work
City of Bonney Lake
Grainger Springs Site Upgrade
Amendment No. 2
Services During Construction and
Telemetry and Control Development
 June 2016

Background

The first phase of this project included the design of the generator and on-site improvements. During the current phase, RH2 Engineering, Inc., (RH2) will perform services during construction and telemetry and control development for the Grainger Springs Site Upgrade for the City of Bonney Lake (City).

The major elements of this Scope of Work are summarized in the following tasks:

Task 1 – Services During Construction

Objective: This Scope of Work identifies the services and tasks the City has requested RH2 provide during the construction phase of this project. It is intended that RH2 will be the main point of contact for the contractor with regard to design technical issues, and RH2 will take the lead on submittal reviews and requests for information (RFIs). It is anticipated that RH2 will assist the City in the following activities:

- Submittal reviews.
- RFI assistance.
- On-site observation during major construction activities.
- Assistance during startup and testing.
- Pre-construction conference.
- Provide record drawings.

Approach:

1.1 **Submittal Reviews** – Perform submittal reviews up to the amount budgeted in the attached **Exhibit B**. In the event that additional submittal review assistance is needed, the City will provide specific authorization to RH2. The attached **Exhibit B** anticipates that only the following submittals are to be reviewed:

- Crushed Surfacing
- Paving (Asphalt)
- Fencing
- Demolition Plan
- Concrete Mix Design
- Admixture Data
- Masonry Mortar and Grout
- Reinforcing Steel Shop Drawings

City of Bonney Lake
Grainger Springs Site Upgrade

Amendment No. 2
Exhibit A - Scope of Work

- CMU
 - Letter of Certification for Masonry Prism Testing
 - Shop Drawings
 - Concrete Anchors
 - Trusses
 - Caulk
 - Roofing System
 - Insulation Systems
 - Painting and Coating
 - Equipment Signs
 - Pipe Markings
 - Danger Signs
 - Wiring Diagram or Connection Schematic
 - Interconnection Diagram
 - Branch Circuit Panelboard
 - Conduit and Fittings
 - Outlet and Junction Boxes
 - Electrical Handholes and Vaults
 - Wire and Cables
 - Switches and Receptacles
 - Light Fixtures
 - Automatic Transfer Switch
 - Electrical Grounding Equipment
 - Engine Generator Set
 - Control Panel Modification Hardware
 - Programmable Logic Controllers (PLC)
 - Ethernet Network Switches
 - Fiber Optic Patch Panels
 - Operator Interfaces (OI)
 - Network Equipment Enclosure
 - Hardware Submittals
 - System Plan Submittals
 - As-built Plans
- 1.2 **RFIs** – Respond to RFIs during the construction phase of the project, provide design clarification with support from the City, and provide up to thirty-eight (38) hours of assistance in providing design and clarification(s) on an on-call basis, as reflected in the attached **Exhibit B**. In the event that additional assistance is needed, the City will provide specific authorization to RH2.
- 1.3 **On-site Observation** – Provide on-site observation visits during this project (not including the startup and testing visit included in subtask 1.4 or the control and instrumentation observations included in Task 2). It is anticipated that full-time observation will be necessary during access road construction, and part-time observation will only be necessary during the other portions of the

City of Bonney Lake
Grainger Springs Site Upgrade

Amendment No. 2
Exhibit A - Scope of Work

project. Ten (10) days of full-time observation (eight (8) hours per day) and twenty-five (25) days of part-time observation (four (4) hours per day) has been budgeted for this effort. Prepare written records of observations, progress, and discussions that took place during the observation visits.

- 1.4 **Startup and Testing Services** – Coordinate with the City and the manufacturer’s representative for testing and startup activities. Review the testing protocols developed by the contractor and manufacturer’s representative, and assist with the functional startup troubleshooting process, up to the amount budgeted in the attached **Exhibit B**. *Exhibit B* assumes one (1) day of on-site support during startups.
- 1.5 **Pre-construction Conference** –Attend the pre-construction meeting.
- 1.6 **Record Drawings** – Coordinate with the contractor to obtain field records, review field records, and revise contract drawings to prepare as-built records.

Assumptions:

- *Submittals and submittal-related communications will be directed through RH2.*
- *Submittals will be submitted electronically.*
- *RH2 will manage (log, inventory, and track) RFI response.*
- *RH2 will review each submittal no more than two (2) times.*
- *RH2 will provide a representative at weekly construction progress meetings.*
- *RH2 will perform a final walkthrough with the contractor and the City.*
- *RH2 will procure the services of a special inspection/ testing company for concrete and soil testing.*
- *RH2 will coordinate with the contractor and manufacturer’s representative for testing and startup activities.*

RH2 Deliverables:

- Electronic responses to reviewed submittals.
- Electronic responses to RFIs and change orders.
- Construction observation reports for RH2 on-site visits.
- Meeting agenda and minutes for the pre-con meeting.
- 3 hard copies of plan and specifications for the contractor.
- Half-size hard copy of record drawings.

Task 2 – Telemetry and Control Software Development

Objective: This Scope of Work identifies the services and tasks the City has requested RH2 to provide during the construction phase of this project for telemetry and control system software development of the telemetry panel. It is anticipated that RH2 will assist the City in the following activities:

- Coordinate with the City's master telemetry and human machine interface (HMI) control system integrator for modifying and incorporating the telemetry system upgrades into the City's existing control system.
- Provide software development for converting the Grainger Springs Pump Station and Treatment Plant programmable logic controller (PLC) software from RSLogix 500 to RSLogix 5000.
- Provide software development for converting the Grainger Springs Pump Station and Treatment Plant OI software from the older Panelview software to the upgraded FactoryTalk View software.
- Perform field testing of the upgraded telemetry panels.
- Provide the City with training and operations and maintenance (O&M) documentation for the telemetry software.

Approach:

- 2.1 **Coordination with the City's Master Telemetry and HMI Integrator** – Provide the City and the City's master telemetry and HMI integrator, Parametrix, with data point definition for control components in the design. *This data will be used by RH2 for software development purposes and will be used by Parametrix for integrating the facility controller with the City's HMI computer systems.* Meet with the City and Parametrix up to one (1) time for control system coordination.
- 2.2 **PLC Software Development** – Perform PLC software development for converting PLC software. *The PLC will be an Allen-Bradley L2 Series CompactLogix controller.*
- 2.3 **Operator Interface Software Development** – Perform OI software development for converting the OI software. *The OI will be an Allen-Bradley PanelView Plus 7.*
- 2.4 **Control System Field Testing and Startup** – Perform control system field testing and startup services for the PLC and OI software.
- 2.5 **Training and Operations and Maintenance Documents** – Provide software training and O&M material for the PLC and OI software. *PLC and OI code will be provided to the City on a CD-ROM as part of the O&M material.*

Assumptions: *The City's master telemetry and HMI computer system integrator, Parametrix, will be responsible for software modifications at the City's master telemetry panel and HMI computer system for integrating the upgrades into the City's existing supervisory control and data acquisition (SCADA) system. Facility data point definitions will be provided by RH2 to Parametrix at least one (1) month in advance of subtask 2.4: Control System Field Testing and Startup.*

RH2 Deliverables:

- O&M material.
- PLC and OI code on CD.

EXHIBIT B

City of Bonney Lake

Grainger Springs Site Upgrade

Amendment No. 2

SDC and Telemetry and Control Development

Fee Estimate

	Description	Total Hours	Total Labor	Total Expense	Total Cost
Task 1	Services During Construction				
1.1	Perform submittal reviews	66	\$ 11,394	\$ 45	\$ 11,439
1.2	Respond to requests for information	38	\$ 6,508	\$ 9	\$ 6,517
1.3	Provide on-site construction observation	180	\$ 27,000	\$ 1,339	\$ 28,339
1.4	Assist with startup and testing services	16	\$ 2,691	\$ 54	\$ 2,745
1.5	Attend pre-construction conference	8	\$ 1,395	\$ 459	\$ 1,854
1.6	Prepare as-builts	68	\$ 10,692	\$ 120	\$ 10,812
	Subtotal	376	\$ 59,680	\$ 2,026	\$ 61,706
Task 2	Telemetry and Control Software Development				
2.1	Coordinate with the City's Master Telemetry and HMI Integrator	8	\$ 1,632	\$ 41	\$ 1,673
2.2	Develop PLC software	36	\$ 7,344	\$ 184	\$ 7,528
2.3	Develop Operator Interface Software	20	\$ 4,080	\$ 102	\$ 4,182
2.4	Perform Control System field testing and startup	50	\$ 9,736	\$ 732	\$ 10,468
2.5	Provide training and O&M documents	14	\$ 2,632	\$ 312	\$ 2,944
	Subtotal	128	\$ 25,424	\$ 1,370	\$ 26,794
AMENDMENT NO. 2 TOTAL		504	\$ 85,104	\$ 3,396	\$ 88,500

Contract Amendment No. 2
City of Bonney Lake
Grainger Springs Site Upgrade
Services During Construction and Telemetry and Control Development
RH2 Project No. BON 515.100

In accordance with our Professional Services Agreement for the Grainger Springs Site Upgrade, dated August 11, 2015, this is an authorization to revise the project Scope of Work, as described below. The work will be performed and invoiced using the terms and conditions listed in the original agreement, plus previous amendments and/or agreements.

Add the following items to the Scope of Work:

Reference attached **Exhibit A** and **Exhibit B**.

The engineering fee authorization is \$88,500.

Please sign this authorization in the space provided below and mail or fax to RH2 Engineering, Inc., 22722 29th Drive SE, Suite 210, Bothell, WA 98021. FAX (425) 951-5401.

RH2 Engineering, Inc.

City of Bonney Lake



Signature

Signature

Geoffrey G. Dillard, Director

Print Name/Title

Print Name/Title

6-16-16

Date

Date

EXHIBIT A
Scope of Work
City of Bonney Lake
Grainger Springs Site Upgrade
Amendment No. 2
Services During Construction and
Telemetry and Control Development
 June 2016

Background

The first phase of this project included the design of the generator and on-site improvements. During the current phase, RH2 Engineering, Inc., (RH2) will perform services during construction and telemetry and control development for the Grainger Springs Site Upgrade for the City of Bonney Lake (City).

The major elements of this Scope of Work are summarized in the following tasks:

Task 1 – Services During Construction

Objective: This Scope of Work identifies the services and tasks the City has requested RH2 provide during the construction phase of this project. It is intended that RH2 will be the main point of contact for the contractor with regard to design technical issues, and RH2 will take the lead on submittal reviews and requests for information (RFIs). It is anticipated that RH2 will assist the City in the following activities:

- Submittal reviews.
- RFI assistance.
- On-site observation during major construction activities.
- Assistance during startup and testing.
- Pre-construction conference.
- Provide record drawings.

Approach:

1.1 **Submittal Reviews** – Perform submittal reviews up to the amount budgeted in the attached **Exhibit B**. In the event that additional submittal review assistance is needed, the City will provide specific authorization to RH2. The attached **Exhibit B** anticipates that only the following submittals are to be reviewed:

- Crushed Surfacing
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City of Bonney Lake
Grainger Springs Site Upgrade

Amendment No. 2
Exhibit A - Scope of Work

- CMU
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 - Operator Interfaces (OI)
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- 1.2 **RFIs** – Respond to RFIs during the construction phase of the project, provide design clarification with support from the City, and provide up to thirty-eight (38) hours of assistance in providing design and clarification(s) on an on-call basis, as reflected in the attached **Exhibit B**. In the event that additional assistance is needed, the City will provide specific authorization to RH2.
- 1.3 **On-site Observation** – Provide on-site observation visits during this project (not including the startup and testing visit included in subtask 1.4 or the control and instrumentation observations included in Task 2). It is anticipated that full-time observation will be necessary during access road construction, and part-time observation will only be necessary during the other portions of the

project. Ten (10) days of full-time observation (eight (8) hours per day) and twenty-five (25) days of part-time observation (four (4) hours per day) has been budgeted for this effort. Prepare written records of observations, progress, and discussions that took place during the observation visits.

- 1.4 **Startup and Testing Services** – Coordinate with the City and the manufacturer’s representative for testing and startup activities. Review the testing protocols developed by the contractor and manufacturer’s representative, and assist with the functional startup troubleshooting process, up to the amount budgeted in the attached **Exhibit B**. *Exhibit B* assumes one (1) day of on-site support during startups.
- 1.5 **Pre-construction Conference** –Attend the pre-construction meeting.
- 1.6 **Record Drawings** – Coordinate with the contractor to obtain field records, review field records, and revise contract drawings to prepare as-built records.

Assumptions:

- *Submittals and submittal-related communications will be directed through RH2.*
- *Submittals will be submitted electronically.*
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- *RH2 will review each submittal no more than two (2) times.*
- *RH2 will provide a representative at weekly construction progress meetings.*
- *RH2 will perform a final walkthrough with the contractor and the City.*
- *RH2 will procure the services of a special inspection/ testing company for concrete and soil testing.*
- *RH2 will coordinate with the contractor and manufacturer’s representative for testing and startup activities.*

RH2 Deliverables:

- Electronic responses to reviewed submittals.
- Electronic responses to RFIs and change orders.
- Construction observation reports for RH2 on-site visits.
- Meeting agenda and minutes for the pre-con meeting.
- 3 hard copies of plan and specifications for the contractor.
- Half-size hard copy of record drawings.

Task 2 – Telemetry and Control Software Development

Objective: This Scope of Work identifies the services and tasks the City has requested RH2 to provide during the construction phase of this project for telemetry and control system software development of the telemetry panel. It is anticipated that RH2 will assist the City in the following activities:

- Coordinate with the City's master telemetry and human machine interface (HMI) control system integrator for modifying and incorporating the telemetry system upgrades into the City's existing control system.
- Provide software development for converting the Grainger Springs Pump Station and Treatment Plant programmable logic controller (PLC) software from RSLogix 500 to RSLogix 5000.
- Provide software development for converting the Grainger Springs Pump Station and Treatment Plant OI software from the older Panelview software to the upgraded FactoryTalk View software.
- Perform field testing of the upgraded telemetry panels.
- Provide the City with training and operations and maintenance (O&M) documentation for the telemetry software.

Approach:

- 2.1 **Coordination with the City's Master Telemetry and HMI Integrator** – Provide the City and the City's master telemetry and HMI integrator, Parametrix, with data point definition for control components in the design. *This data will be used by RH2 for software development purposes and will be used by Parametrix for integrating the facility controller with the City's HMI computer systems.* Meet with the City and Parametrix up to one (1) time for control system coordination.
- 2.2 **PLC Software Development** – Perform PLC software development for converting PLC software. *The PLC will be an Allen-Bradley L2 Series CompactLogix controller.*
- 2.3 **Operator Interface Software Development** – Perform OI software development for converting the OI software. *The OI will be an Allen-Bradley PanelView Plus 7.*
- 2.4 **Control System Field Testing and Startup** – Perform control system field testing and startup services for the PLC and OI software.
- 2.5 **Training and Operations and Maintenance Documents** – Provide software training and O&M material for the PLC and OI software. *PLC and OI code will be provided to the City on a CD-ROM as part of the O&M material.*

Assumptions: *The City's master telemetry and HMI computer system integrator, Parametrix, will be responsible for software modifications at the City's master telemetry panel and HMI computer system for integrating the upgrades into the City's existing supervisory control and data acquisition (SCADA) system. Facility data point definitions will be provided by RH2 to Parametrix at least one (1) month in advance of subtask 2.4: Control System Field Testing and Startup.*

RH2 Deliverables:

- O&M material.
- PLC and OI code on CD.

EXHIBIT B

City of Bonney Lake

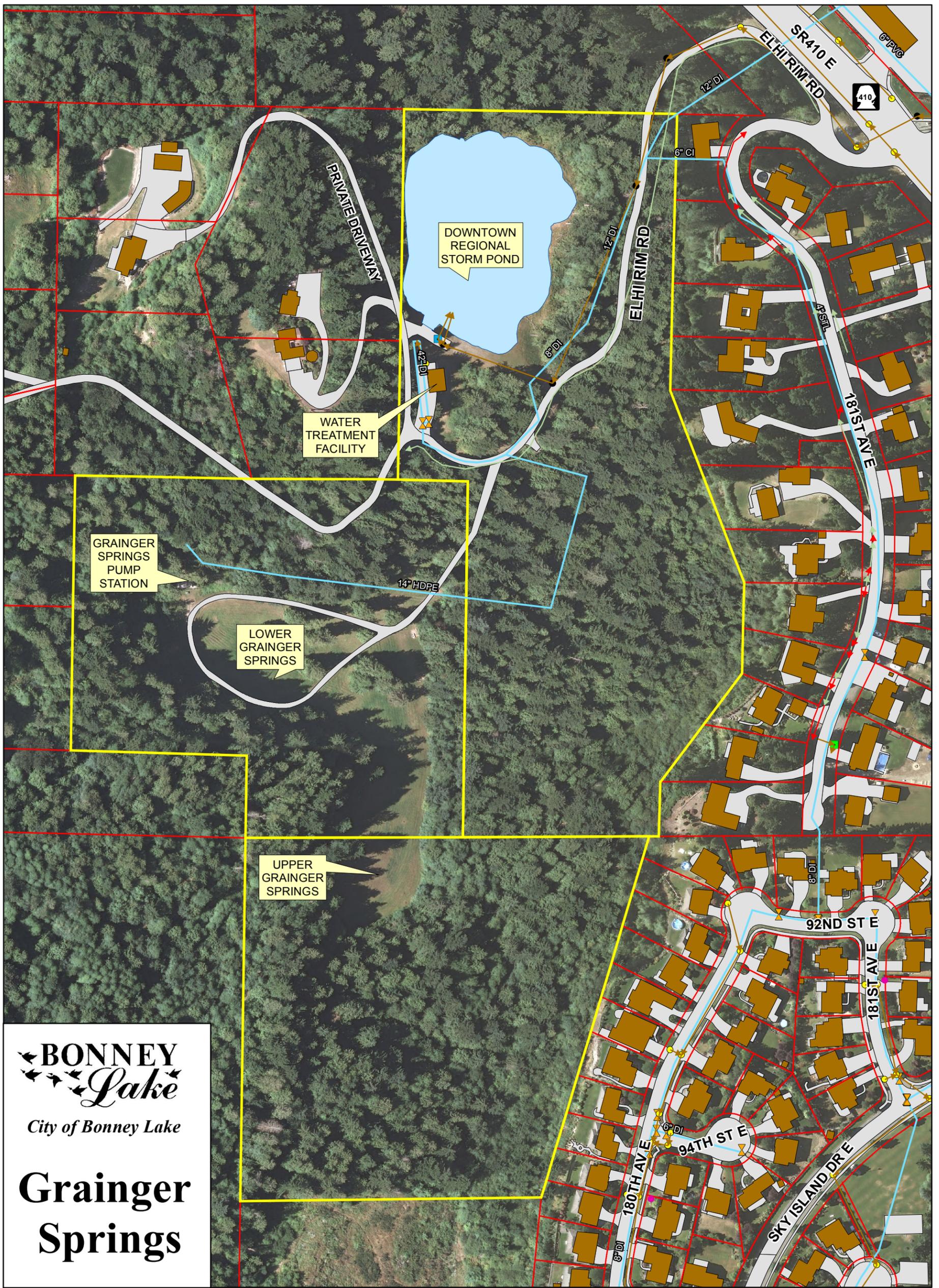
Grainger Springs Site Upgrade

Amendment No. 2

SDC and Telemetry and Control Development

Fee Estimate

	Description	Total Hours	Total Labor	Total Expense	Total Cost
Task 1	Services During Construction				
1.1	Perform submittal reviews	66	\$ 11,394	\$ 45	\$ 11,439
1.2	Respond to requests for information	38	\$ 6,508	\$ 9	\$ 6,517
1.3	Provide on-site construction observation	180	\$ 27,000	\$ 1,339	\$ 28,339
1.4	Assist with startup and testing services	16	\$ 2,691	\$ 54	\$ 2,745
1.5	Attend pre-construction conference	8	\$ 1,395	\$ 459	\$ 1,854
1.6	Prepare as-builts	68	\$ 10,692	\$ 120	\$ 10,812
	Subtotal	376	\$ 59,680	\$ 2,026	\$ 61,706
Task 2	Telemetry and Control Software Development				
2.1	Coordinate with the City's Master Telemetry and HMI Integrator	8	\$ 1,632	\$ 41	\$ 1,673
2.2	Develop PLC software	36	\$ 7,344	\$ 184	\$ 7,528
2.3	Develop Operator Interface Software	20	\$ 4,080	\$ 102	\$ 4,182
2.4	Perform Control System field testing and startup	50	\$ 9,736	\$ 732	\$ 10,468
2.5	Provide training and O&M documents	14	\$ 2,632	\$ 312	\$ 2,944
	Subtotal	128	\$ 25,424	\$ 1,370	\$ 26,794
AMENDMENT NO. 2 TOTAL		504	\$ 85,104	\$ 3,396	\$ 88,500



BONNEY
Lake

City of Bonney Lake

Grainger Springs

-  Grainger Springs City-Owned Property
-  Downtown Regional Storm Pond
-  Tax Parcel
-  Building
-  Impervious Surface

Water System

-  Water Main
-  Gate Valve
-  Valve
-  Blow Off

Stormwater System

-  Channel
-  Culvert
-  Pipe
-  Catch Basin
-  Manhole
-  Dry Well
-  Vault

Pierce County 2011 Ortho Aerial Image

