



CITY COUNCIL REGULAR MEETING AGENDA

Monday, April 4, 2016, 7:00 PM

City Municipal Center, 616 NE 4th Avenue

NOTE: There are two public comment periods included on the agenda. Anyone wishing to address the City Council may come forward when invited; please state your name and address. Public comments are typically limited to three minutes, and written comments may be submitted to the City Clerk. Special instructions for public comments will be provided at the meeting if a public hearing or quasi-judicial matter is scheduled on the agenda.




I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

III. ROLL CALL

IV. PUBLIC COMMENTS

V. CONSENT AGENDA

- A. Approve the minutes of the March 21, 2016 Camas City Council Meeting and the Workshop minutes of March 21, 2016.
 -  [March 21, 2016 Camas City Council Workshop Minutes - Draft](#)
 - [March 21, 2016 Camas City Council Regular Meeting Minutes - Draft](#)
- B. Approve claim checks as approved by the Finance Committee.
- C. Authorize the Mayor to provide a letter to the Grass Valley Parent Teacher Association (PTA) that grants permission to sell raffle tickets. (Submitted by Mitch Lackey)
 -  [Grass Valley PTA Request](#)
- D. Authorize the Mayor to sign the consultant agreement with Harper Houf Peterson Righellis (HHPR), Inc. for engineering, permitting and preliminary design services as needed for slope failure repair caused by the December 2015 storms for the Lacamas Lane Landslide Project in an amount not to exceed \$136,896.00. The project is eligible for funding reimbursement through Federal Emergency Management Agency (FEMA) at a rate of 75% of the total. At this time the remaining 25% is anticipated to be covered by the Stormwater Utility Fund with some matching funds possible from the Washington State Office of Emergency Management (OEM). The expense budget line item for the project will be included in the 2016 Spring Omnibus Budget under the Capital projects list. (Submitted by James Carothers)
 -  [Lacamas Lane Landslide Consultant Agreement](#)
- E. Authorize the Mayor to sign the professional services agreement with HDJ, a division of PBS Engineering and Environmental, Inc. for Development Review Assistance in 2016 for the Public Works Department in an amount not to exceed \$30,000. The need for additional assistance with development review and inspection was presented to Council at the March 7, 2016 Workshop. It is anticipated that additional revenue collected for development review and

inspection will offset the additional consultant cost. This contract work will occur as needed. The budget line item expense will be covered in the 2016 Spring Omnibus Budget. (Submitted by James Carothers)

 [Development Review Assistance Agreement](#)

[Engineering Development Presentation from 3-7-16](#)

- F. Authorize the Mayor to sign Consultant Services Agreement Supplement 3 with HDJ Design Group, PLLC for construction services for NW 6th Avenue and NW Norwood Intersection Improvements in the amount of \$126,436.75. The total contract amount with this supplement is not to exceed \$404,544.51. This contract is included in the 2016 Budget and is funded by the general obligation bond (GO). Funding for the project in its entirety, including this agreement supplement, will be addressed in the 2016 Spring Omnibus Budget. (Submitted by James Carothers)

 [NW 6th & Norwood Consultant Agreement Supplement 3](#)

- G. Authorize the Mayor to sign Change Order No. 2 for required additional work on the Slow Sand Water Treatment Plant project to Rotschy, Inc. in the amount of \$66,660.07. This project is included in the 544' Zone Water Main Treatment capital budget line item. Explanation of funding for this change order and project are outlined in the attached memorandum. (Submitted by James Carothers)

 [Water Treatment Plant Change Order 2](#)

[Slow Sand Change Order No. 2 Memo](#)

- H. Authorize the Mayor to sign Change Order No. 3 for required additional work for the STEP Sewer Transmission Main project to McDonald Excavating, Inc. in the amount of \$132,995.40 and to add 17 working days to the contract. A full description of the nine items included with this change order are included in the attached Change Order No. 3. The total for this change order is \$132,995.40 and is amply funded by a Public Works Trust Fund (PWTF) loan and by the Water Utility Fund. This project is now substantially complete. Change Order No. 3 is for 5.2% of the original contract bid. The total amount of all change orders is 7.5% of the original contract bid. (Submitted by James Carothers)

 [Sewer Transmission Main Change Order 3](#)

- I. Authorize Retainage Release for the Washougal River Overlook project to Michael Green Construction, Inc. in the amount of \$2,762.23. Approval for retainage release has been received from the Washington Departments of Labor and Industries, Revenue and Employment Security. (Submitted by James Carothers)

 [Washougal River Overlook Final Pay Estimate](#)

[Department of Revenue Release](#)

[Employment Security Release](#)

[Labor & Industries Release](#)

- J. Authorize the City to rescind the contract with Haag and Shaw Inc. dated February 26, 2016, relating to 2016 STEP/STEF Tank Pumping project. The contractor utilized incorrect Labor and Industry Prevailing Wage Rates in determining their quote. (Submitted by Sam Adams)

 [Haag and Shaw Inc. Signed Quote](#)

NOTE: Any item on the Consent Agenda may be removed from the Consent Agenda for general discussion or action.


VI. NON-AGENDA ITEMS

- A. Staff
- B. Council

VII. MAYOR

- A. Announcements

VIII. MEETING ITEMS

- A. NW 6th Avenue and NW Norwood Intersection Improvements Contract Bid
Details: Staff opened bids for this project on Tuesday, March 29, 2016, and the apparent low bidder was McDonald Excavating, Inc. The bid tabulations are attached for Council's information. The Base Bid with Additive Alternate No. 1, which is the least expensive possibility for awarding the project, is \$1,943,821.73. The other potential award amounts are the Base Bid plus Additive Alternates No. 1 and No. 3 at a cost of \$2,036,856.73; the Base Bid plus Additive Alternate No. 2 at a cost of \$2,107,496.73; and the Base Bid plus Additive Alternate No. 2 and No. 3 at a cost of \$2,200,531.73. Staff does not recommend in any scenario the selection of Additive Alternate No. 2, Cement Concrete Pavement in the roundabout, due to the high cost and lack of funding availability. Staff will provide a detailed summary of the project costs and potential options for awarding the project, including a review of the attached NW 6th Avenue Corridor Revenue and Expenditure Summary.
Presenter: Steve Wall, Public Works Director
Recommended Action: Staff recommends that Council deliberate on the alternatives and the related funding sources and expenses, determine to select either the Base Bid plus Additive Alternate No. 1 or the Base Bid plus Additive Alternates No. 1 and No. 3, and award to the low bidder, McDonald Excavating, Inc.
 [NW 6th & Norwood Bid Tabulations](#)
[NW 6th Ave Corridor Revenue and Expenditure Summary](#)
- B. Resolution No. 16-006 Revising the Position Descriptions for the Represented Positions within the Information Systems Division, including creation of a new position.
Details: This resolution will revise the current represented positions within the Information Systems Division. The Information Systems Analyst position will become Information Technology Systems Analyst/Programmer and the Information Systems Technician will become Information Technology Support Specialist. The Analyst/Programmer position will receive a 6% wage adjustment after a review of comparable positions. This resolution will also create a new position and salary scale for an Information Technology Network Administrator. This topic was an agenda item at the March 21, 2016, workshop.
Presenter: Jennifer Gorsuch, Administrative Services Director
Recommended Action: Staff recommends Council move to adopt Resolution No. 16-006.



[Resolution 16-006 Revising Position Description within the Information Systems](#)

[Exhibit A Information Technology Systems Analyst/Programmer](#)

[Exhibit B Information Technology Support Specialist](#)

[Exhibit C Information Technology Network Administrator](#)

IX. PUBLIC COMMENTS

X. ADJOURNMENT

NOTE: The City welcomes participation of its citizens in the public meeting process. Effort will be made to ensure anyone with special needs can participate. For more information call 360.834.6864.



CITY COUNCIL WORKSHOP MEETING MINUTES - DRAFT

Monday, March 21, 2016, 4:30 PM

City Municipal Center, 616 NE 4th Avenue

I. CALL TO ORDER

Mayor Scott Higgins called the meeting to order at 4:30 p.m.

II. ROLL CALL

Present: Greg Anderson, Bonnie Carter, Don Chaney, Tim Hazen, Steve Hogan and Shannon Turk

Excused: Melissa Smith

Staff: Sam Adams, Phil Bourquin, Pete Capell, Leisha Copsey, Jennifer Gorsuch, Cathy Huber Nickerson, Mitch Lackey, Robert Maul, Heather Rowley, Nick Swinhart, Ronda Syverson, Steve Wall and Alicia Pacheco (intern)

Press: Heather Acheson, Camas-Washougal Post Record

III. PUBLIC COMMENTS

No one from the public wished to speak.

IV. WORKSHOP TOPICS

Mayor Scott Higgins stated that the representative from Comcast was running late due to traffic. The Comcast Report will be presented to Council when the representative arrives.

A. Request to Sell Raffle Tickets

Details: The Grass Valley Parent Teacher Association (PTA) requested City Council permission to sell raffle tickets for the Annual Carnival & Silent Auction. Camas Municipal Code (CMC) 09.20.090 regulates gambling and raffles within the City of Camas.

Presenter: Mitch Lackey, Chief of Police


 [Trisha Brotherton E-Mail](#)

This item will be placed on the April 4, 2016 Consent Agenda for Council's consideration.

B. Technology Department Position Description Revisions

Details: Position descriptions within the Information Technology Department are being revised to meet the changing needs of the department and the overall City operations. Additionally, a new position is being created for the department.

Presenter: Jennifer Gorsuch, Administrative Services Director

 [Memorandum to Council](#)
[Information Technology Analyst/Programmer](#)
[Information Technology Support Specialist](#)
[Information Technology Network Administrator](#)

A resolution will be placed on the April 4, 2016 Regular Meeting Agenda for Council's consideration.

C. Professional Services Contract Amendment with BergerABAM for the 2016 City of Camas Comprehensive Plan Update

Details: The contract amendment is not to exceed \$21,753.00 for the additional work necessary for the completion (finalizing) of the 2016 City of Camas Comprehensive Plan Update. An initial contract in the amount of \$79,980.00 was approved in December of 2014 and a balance of \$2,377.03 remains as of February 25, 2016. The initial contract anticipated that the "City may need additional comprehensive plan services in 2016 and would request a separate scope of services for this work that may include: additional comprehensive plan document and mapping preparation". The 2016 budget anticipated the amendment and funds remain available for professional services under the Planning Department budget to cover the costs associated with the amended contract.

Presenter: Phil Bourquin, Community Development Director

 [BergerABAM Contract Amendment](#)
[BergerABAM Contract](#)
[BergerABAM February Invoice](#)

This item was also included on the March 21, 2016 Consent Agenda for Council's consideration.

D. Community Development Miscellaneous and Updates

Details: This is a placeholder for miscellaneous or emergent items.

Presenter: Phil Bourquin, Community Development Director

There were no miscellaneous items or updates.

E. Prevailing Wage and Competitive Bid Requirements

Details: At a prior meeting, the City Council asked staff to provide additional details regarding the requirements for the use of prevailing wages for City projects. Staff prepared the attached presentation and provided additional information about prevailing wages and the related topic of competitive bid requirements.

Presenter: Steve Wall, Public Works Director

 [Prevailing Wage and Competitive Bid Requirements](#)

Discussion ensued and staff responded to questions from Council.

F. Comcast Report

Details: Tess Fields provided Council and the public with a report about the number of subscribers, franchise fees paid, speed increases planned for the next year, and customer service initiatives. The report also included information about sponsorship opportunities and programs to provide low cost internet and computers to low income families. Fields responded to questions during the presentation.

Presenter: Tess Fields, Comcast Cable Corporation, Director of Government Affairs

G. Steigerwald Lake Restoration Project and Steigerwald Wellfield Development Update

Details: Staff provided an update to the City Council regarding the Steigerwald Lake Floodplain Restoration Project being sponsored by the Bonneville Power Administration (BPA) and led by the Lower Columbia Estuary Partnership and the Port of Camas-Washougal. The presentation also included information regarding concerns that have been raised by Washougal and Camas staff associated with the siting of the proposed future wellfield site in relation to the restoration project and ongoing coordination efforts with the Restoration Project Team.

Presenter: Sam Adams, Utilities Manager and Steve Wall, Public Works Director

 [Steigerwald Lake Restoration Project Presentation](#)

Discussion ensued and staff responded to questions from Council. Staff will provide Council with periodic updates as the project moves forward.

H. Public Works Miscellaneous and Updates

Details: This is a placeholder for miscellaneous or emergent items.

Presenter: Steve Wall, Public Works Director

There were no miscellaneous items or updates.

I. City Administrator Miscellaneous Updates and Scheduling

Details: This is a placeholder for miscellaneous or scheduling items.

Presenter: Pete Capell, City Administrator

Capell informed Council about the AWR 209 Working with the Media: A Short Course for Rural First Responders training. The training will be held Thursday, May 26, 2016, from 8:00 a.m. to 4:00 p.m. at the Lacamas Lake Lodge.

Capell reported that the Lean Process-Improvement meetings have begun and gave Council a brief update.

Capell stated that he attended the Camas-Washougal Fire Joint Policy Advisory Committee (JPAC) meeting and gave Council a brief overview. He added that there was a recommendation for the City to proceed with purchasing a replacement ambulance.

Capell gave Council a brief overview of the Administrative Committee meeting that he attended. He noted that the committee will be working on Municipal Codes.

V. COUNCIL COMMENTS AND REPORTS

Chaney commented about the JPAC meeting he attended.

Hogan stated that he plans to attend the AWR 209 training that Capell spoke about. He added that he attended the Administrative Committee meeting.

Anderson attended the Administrative Committee meeting, the JPAC meeting and the East County Fire & Rescue (ECFR) meeting. He also gave Council a brief overview of the C-TRAN meeting he attended. Mayor Higgins added to Anderson's comments about C-TRAN.

Anderson stated that he will be attending a meeting with ECFR regarding shared services and an Economic Development Strategy Committee for Economic Incentives meeting.

Carter attended the Planning Commission meeting.

Turk informed Council that a group of students and adults from Hosoe, Camas' Sister City, are visiting and invited everyone to attend the potluck on Wednesday at Liberty Middle School at 6:00 p.m. Mayor Higgins added that there are a few seats left for the delegation dinner on Tuesday and to contact Turk if anyone is interested.

Turk reported that a Lodging Tax Advisory Committee meeting will be scheduled soon.

Mayor Higgins asked Council to let him know if anyone was interested in serving as the Regional Cities Representative for the Lower Columbia Fish Recovery Board.

VI. PUBLIC COMMENTS

No one from the public wished to speak.

VII. ADJOURNMENT

The meeting adjourned at 6:14 p.m.

NOTE: The City welcomes participation of its citizens in the public meeting process. Effort will be made to ensure anyone with special needs can participate. For more information call 360.834.6864.



CITY COUNCIL REGULAR MEETING MINUTES - DRAFT

Monday, March 21, 2016, 7:00 PM

City Municipal Center, 616 NE 4th Avenue

I. CALL TO ORDER

Mayor Scott Higgins called the meeting to order at 7:00 p.m.

II. PLEDGE OF ALLEGIANCE

III. ROLL CALL

Present: Greg Anderson, Bonnie Carter, Don Chaney, Tim Hazen, Steve Hogan and Shannon Turk

Excused: Melissa Smith

Staff: Phil Bourquin, Pete Capell, Leisha Copsey, Jennifer Gorsuch, Cathy Huber Nickerson, Shawn MacPherson, Robert Maul, Heather Rowley, Steve Wall and Alicia Pacheco (intern)

Press: No one from the press was present

IV. PUBLIC COMMENTS

Tim Johnson, 6160 NW Larkspur, Camas, addressed Council regarding the Parklands at Camas Meadows.

V. CONSENT AGENDA

- A. Approved the minutes of the March 7, 2016 Camas City Council Meeting and the Workshop minutes of March 7, 2016.

 [March 7, 2016 Camas City Council Workshop Minutes - Draft](#)

[March 7, 2016 Camas City Council Regular Minutes - Draft](#)

- B. Approved the claim checks numbered 128976-129116 in the amount of \$1,590,430.58.

- C. Authorized the write-off of the February 2016 Emergency Medical Services (EMS) billings in the amount of \$74,542.89. This is the monthly uncollectable balance of Medicare and Medicaid accounts that are not collectable after receiving payments from Medicare, Medicaid and secondary insurance. (Submitted by Pam O'Brien)

- D. Authorized Pay Estimate No. 10 to AAA Septic Service for Project WS-748 2015 STEP/STEF Tank Pumping in the amount of \$7,688.47 for work through February 29, 2016. This project provides for on-going pumping of STEP and STEF tanks throughout Camas and is funded by the Sewer Fund. (Submitted by James Carothers)

 [Septic Tank Pumping Pay Estimate 10](#)

- E. Authorized Pay Estimate No. 9 to Rotschy, Inc. for Project WS-709C Slow Sand Water Treatment Plant, in the amount of \$511,949.73 for work through February 29, 2016. This project is included in the 544' Zone Water Main and Treatment capital budget line item. (Submitted by James Carothers)

 [Water Treatment Plant Pay Estimate 9](#)

- F. Authorized Pay Estimate No. 8 to McDonald Excavating, Inc. for Project WS-714 STEP Sewer Transmission Main in the amount of \$122,510.81 for work through February 29, 2016. This project is funded through a Public Works Trust Fund (PWTF) Loan. (Submitted by James Carothers)

 [Sewer Transmission Main Pay Estimate 8](#)

- G. Authorized the Mayor to sign the construction materials testing contract with Columbia West Engineering, Inc. for various 2016 funded public works construction projects in an amount not to exceed \$40,210. This work will be funded by the specific project for which the testing is conducted. (Submitted by James Carothers)

 [Construction Materials Testing Contract](#)

- H. Authorized the Mayor to sign the consultant agreement with Harper Houf Peterson Righellis Inc. for work to complete the design, plans and specifications for Project P-911 Heritage Trailhead Parking Expansion in an amount not to exceed \$98,335. This work is funded in the 2016 budget and funding for the project in its entirety will be addressed with the upcoming Spring Budget Omnibus package. (Submitted by James Carothers)

 [Heritage Trailhead Parking Consultant Contract](#)

- I. Authorized the Mayor to sign the maintenance contract agreement with The Resource Company, Inc. for Project SS-566D NW Friberg-Strunk Street Wetland Mitigation Monitoring and Maintenance in an amount not to exceed \$18,409.08 for years 2016 and 2017. This project is budgeted in 2016 and is funded by the the Storm Drainage Fund. (Submitted by James Carothers)

 [Friberg-Strunk Street Wetland Maintenance Contract](#)

- J. Authorized the Mayor to sign the monitoring and maintenance agreement with Ecological Land Services for Project SS-565C NW 38th Avenue, Phase 2 Wetland Mitigation Monitoring and Maintenance in an amount not to exceed \$75,750 for years 2016-2020. (Submitted by James Carothers)

 [NW 38th Avenue Ph. 2 Monitoring & Maintenance Contract](#)

- K. Authorized the Mayor to sign the maintenance and monitoring agreement with The Resource Company Inc. for S-545C NW Leadbetter Drive Wetland Mitigation Monitoring and Maintenance in an amount not to exceed \$56,986.98 for years 2016 through 2020. This work is funded by the Storm Drainage Fund. (Submitted by James Carothers)

 [NW Leadbetter Wetland Monitoring & Maintenance Contract](#)

- L. Awarded Project S-595 Franklin Neighborhood Improvements from NE 14th Avenue to NE 19th Avenue to McDonald Excavating, Inc. in the amount of \$576,628.28. This project is in the 2016 budget and is funded by a Community Development Block Grant (CDBG), the water and sewer funds and the North Urban Growth Area (NUGA) Sewer Bond. (Submitted by James Carothers)

 [Franklin Neighborhood Improvements Bids](#)

- M. Authorized the Mayor to sign a Professional Services Contract Amendment with BergerABAM for the additional work necessary for the completion (finalizing) of the 2016 City of Camas Comprehensive Plan Update in an amount not to exceed \$21,753.00. (Submitted by Phil Bourquin)

 [BergerABAM Contract Amendment](#)

It was moved by Council Member Chaney, seconded by Council Member Hazen, to approve the Consent Agenda as amended. The motion carried unanimously.

VI. NON-AGENDA ITEMS

- A. Staff

There were no comments from staff.

- B. Council

There were no comments from Council.

VII. MAYOR

- A. Announcements

Mayor Higgins informed Council that he was provided a report from Linda Dietzman, Clark County Mosquito Control District Representative. A copy of the report will be placed in Council members mailboxes.

B. Mayor's Volunteer Spirit Award

 [March Award - Mark Klein](#)


Mayor Higgins presented Mark Klein with a Volunteer Spirit Award.

VIII. MEETING ITEMS

A. Ordinance No. 16-003 Adopting a New Chapter of the Camas Municipal Code (CMC) Relating to Clearing and Grading

Details: City staff prepared a new title for the CMC Chapter 15.50 relating to the permitting of clearing and grading activity. The Planning Commission held a public hearing on January 27, 2016. The Planning Commission carried a recommendation of approval for the attached ordinance. The City Council held a public hearing on March 7, 2016 and directed the City Attorney to draft an ordinance for adoption.

Presenter: Robert Maul, Planning Manager and Phil Bourquin, Community Development Director

 [Ordinance No. 16-003 Adopting a New Chapter 15.50 of the Camas Municipal Code Staff Report](#)
[Exhibit A - Clearing and Grading](#)

It was moved by Council Member Turk, seconded by Council Member Carter, that Ordinance No. 16-003 be read by title only. The motion carried unanimously.

It was moved by Council Member Turk, seconded by Council Member Carter, that Ordinance No. 16-003 be adopted and published according to law. The motion carried unanimously.

B. Ordinance No. 16-004 Parklands at Camas Meadows - Mixed Use Planned Development Overlay Zone

Details: An ordinance establishing a Mixed Use Planned Development (MXPD) Overlay Zone designation for certain property within the City of Camas. Council considered in a closed record meeting on March 7, 2016 a request of Parklands at Camas Meadows, LLC to establish a MXPD zone for certain properties. The ordinance prepared reflects City Council's direction in this matter.

Presenter: Phil Bourquin, Community Development Director

 [Ordinance No. 16-004 MXPD Parklands at Camas Meadows](#)

It was moved by Council Member Hogan, seconded by Council Member Carter, that Ordinance No. 16-004 be read by title only. The motion carried unanimously.

It was moved by Council Member Hogan, seconded by Council Member Carter, that Ordinance No. 16-004 be adopted and published according to law. The motion carried unanimously.

C. Resolution No. 16-005 Approving Parklands at Camas Meadows Development Agreement and Master Plan

Details: A resolution approving a Development Agreement and Master Plan. City Council held a public hearing to consider a proposed Development Agreement and Master Plan by Parklands at Camas Meadows, LLC on March 7, 2016. The resolution reflects the direction of Council.

Presenter: Phil Bourquin, Community Development Director

 [Resolution No. 16-005 Parklands Development Agreement](#)
[Parklands Development Agreement](#)
[Parklands Development Agreement Exhibit D MXPDP Master Plan \(1\)](#)

It was moved by Council Member Carter, seconded by Council Member Hogan, that Resolution No. 16-005 be read by title only. The motion carried unanimously.

It was moved by Council Member Carter, seconded by Council Member Hogan, that Resolution No. 16-005 be adopted. The motion carried unanimously.

IX. PUBLIC COMMENTS

No one from the public wished to speak.

X. ADJOURNMENT

The meeting adjourned at 7:15 p.m.

NOTE: The City welcomes participation of its citizens in the public meeting process. Effort will be made to ensure anyone with special needs can participate. For more information call 360.834.6864.

Julie Norcross

From: Trisha-gmail <trishabrotherton@gmail.com>
Sent: Tuesday, January 19, 2016 1:55 PM
To: Police Department Email
Subject: Notice of Auction & Raffle Event

Good afternoon ~

On May 13, 2016, from 5:30 – 8:00 PM, Grass Valley Elementary PTA will be holding our 6th Annual Carnival & Silent Auction. We will have carnival/amusement games (cake walk, fishing game etc.) and a raffle with the silent auction. We do not anticipate exceeding \$5000 in profit from the entry ticket (\$5 per child) or from the raffle, therefore we will not be applying for a gambling license.

We are aware of the WA state raffle and amusement game rules and will follow the same practices as we did last year. We are currently requesting items to be donated, therefore we do not know what we will have as raffle items at this time. We plan to sell raffle tickets one week in advance of the carnival/auction and at the event. Raffle tickets will be \$1 each.

Here are a few additional procedures we will follow, per the law:

- All raffle tickets will be numbered.
- Detailed item information, time of drawing, cost per ticket & if winner must be present will be announced prior to the event and will also be displayed during the event.
- Only adults will buy and sell tickets.
- No need to be a PTA member to purchase tickets, the raffle is open to anyone.
- All tickets will remain the same price before and during the event.
- The raffle drawing will be held during the event.
- We will retain all tickets for one year following the event.
- No free tickets will be given away.
- No credit card payment for raffle tickets will be accepted.

Please advise if you would like additional information.

Trisha Brotherton
2016 Auction Chair
Grass Valley Elementary PTA
3000 NW Grass Valley Drive
Camas, WA 98607
503-703-3424



TO: Jim Hodges – City of Camas

FROM: Chuck Harper - Harper Houf Peterson Righellis Inc.

DATE: March 28, 2016

SUBJECT: Lacamas Lane Slide Repair – Phase 1
Investigation and Concept Engineering Consulting Services
Professional Services Proposal and Agreement

Harper Houf Peterson Righellis Inc. (HHPR) in association with Apex Companies, LLC (APEX) and Archaeological Investigations NW, Inc. (AINW) proposes to provide the geotechnical investigation and engineering, environmental studies and cultural resources investigations, surveying and preliminary concept engineering services associated with the Lacamas Lane Slide Repair located southwest of the intersection of NW Lake Road and NW Lacamas Lane.

SCOPE OF SERVICES

HHPR, APEX and AINW will provide the geotechnical, environmental, cultural, surveying and engineering services for the subject project per Exhibit "A" – Scope of Services.

PROPOSED PROFESSIONAL FEES

Based on the scope of services and assumptions noted in Exhibit "A", Harper Houf Peterson Righellis Inc. proposes to be compensated on a time and material basis per Exhibit "B" (Lacamas Lane Slide Repair – Phase 1 Consulting Services) with a total estimated not to exceed fee of \$136,896. The breakdown in Exhibits "B" approximates the breakdown and is offered for informational purposes only; actual distribution by task may vary as the services are performed.

AGREEMENT

Please refer to Exhibit "C" for HHPR's Standard Terms and Conditions. Changes to the assumptions or project description that result in significant revisions to our work will be considered additional services. The fee for additional services will be discussed and agreed upon prior to performing those services.

HHPR agrees to comply in accordance with all relative regulations of Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21.

If you agree with this proposal, please sign on the space provided and return a signed copy.

HARPER HOUF PETERSON RIGHELLIS INC.

CITY OF CAMAS

Charles L. Harper, PE

Principal

BY: _____

Title: _____

Date: _____

EXHIBIT “A”

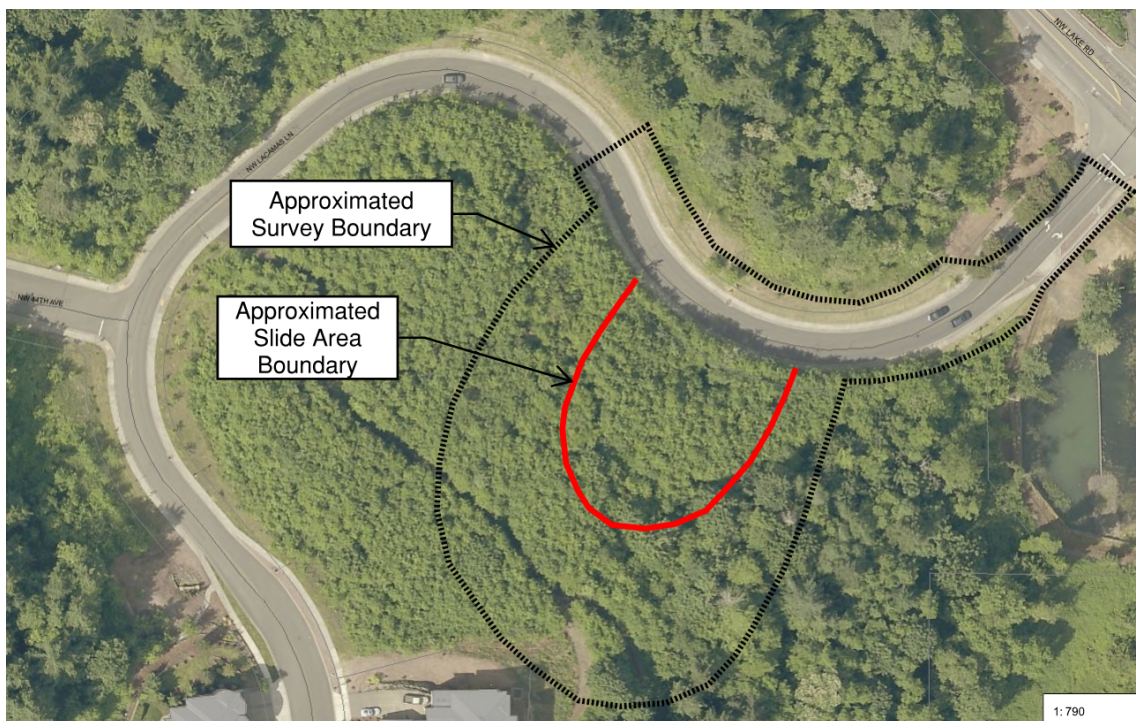
Scope of Services

Lacamas Lane Slide Repair – Phase 1 Investigation and Concept Engineering Consulting Services

Project Description / Background

The Lacamas Lane landslide area is located along Lacamas Lane west of Lake Road in the City of Camas. The slide occurred south of Lacamas Lane as shown below. The area was mapped as ancient landslide terrain and the slope that failed appeared to be intact material. During the recent record rainfalls and flooding, the ancient slide appears to have reactivated.

The geologic formation present is the Troutdale Formation. In this location, the Troutdale formation consists of the Hyaloclastic sandstone member, with weakly consolidated interbedded sandstone and conglomerate, with inclusions of basaltic hyaloclastic (fragments formed by thermal shock when hot lava comes in contact with cool sea or lake water) debris. Low strength clay layers and zones produced by weathering are not uncommon.



The slide was generally translational and appeared to be a combination of a flow slide and a block slide. The slide reached equilibrium prior to reaching the roadway although a large number of trees were lying in the street. The top of the slide terminates in a large, nearly vertical scarp. Based on the boulder-rich consistency of the landslide debris observed, the relatively moderate slope, and the geologic bedrock conditions described above, the land sliding at this location may be the result of translational movement of soil and bedrock material on the dip slope. Alternatively, the slide may be the reactivation of the ancient slide mass soils.

Scope of Services

Task 1: Project Management and Coordination

HHPR shall perform the following tasks involved in the design of the Project.

1.1 - Project Management

- HHPR shall provide management, coordination, and direction to the Project team.
- HHPR shall schedule and administer project team meetings as needed.
- HHPR shall establish a quality management program, and designate responsibility for review of technical work and other deliverable products.

1.2 - Project Coordination

- HHPR shall organize and hold project meetings with key Project team members, as well as representatives from the City of Camas, FEMA, and other agencies as needed.
- HHPR shall coordinate Project activities with the City.

Deliverables

- Meeting agendas, attendance, and summaries (*4 meetings anticipated incl. 1 w/ FEMA*).
- General project administration including document files, summaries, invoicing, etc. (*for approximately a three month period*).

Task 2: Data Collection

HHPR will perform topographic surveying and data collection services to include the following:

2.1 - Surveying

- Establish a control network throughout the project limits based on the Clark County horizontal and vertical datum (NAD 83/91 & NGDV 29/47).
- Conduct research of existing records for information on deeds, surveys, plats, road rights-of-way and easements along the project corridor.
- The survey field crew will locate property corner and roadway monumentation from the plat of Lakeridge. The Project Surveyor will then review the field data and determine the right-of-way location based upon the plat of Lakeridge.
- Perform a topographic survey of the slide area above the existing roadway. The topographic limits shall extend 200 feet from the perimeter of the exposed earth within the slide area. HHPR will conduct research of existing records for information on available as-built and utility maps, call one-call utility locates and then field survey existing above ground features (i.e. edge of pavement, curbs, sidewalks, buildings, trees 8" DBH or greater, utilities, etc.) as well as elevations.

- Map geotechnical test pits, archeological features if those features are flagged prior to the start of the survey work.
- Prepare surface model reflecting collected topographic survey and break lines.

2.2 - Base Mapping

- Upon completion of topographic survey and development of surface model, HHPR will prepare an existing conditions base map showing mapped features and utilities collected from both survey and as-built plans.
- Final base map will be prepared in Autocad Civil 3d 2016 to HHPR standards.

2.3 - Site Visits – Site Visits and Project Photos

- HHPR will conduct site visits to verify site condition and confirm design applications.
- HHPR will conduct a site visit to take project photos to prepare project photo log in order to document pre-project conditions.

Deliverables

- Topographic Survey and Surface Model
- Project Base-map
- Project Photo Log

Task 3: Utility Coordination

3.1 - Utility Coordination

- Contact utilities within the project limits and obtain existing system mapping. Review mapping for consistency with project base map.
- Conduct a utility reconnaissance of the project area to determine visual evidence of underground and above ground utility facilities and confirm utility provided facility maps and project base map completeness.
- Identify and discuss with each utility special requirements associated with their facility relocation or modification.

3.2 - Utility Meetings *(To be added with Phase 2 Services)*

3.3 – Conflict Identification, Analysis, Resolution *(To be added with Phase 2 Services)*

Deliverables

- Existing utility system mapping

Assumptions

- City will provide utility plans, GIS and other supporting documents for City utilities within the project corridor.
- Utilities will provide as-built system maps of their facilities within the project corridor.

Task 4: Geotechnical Services *(Services provided by APEX Companies LLC)*

This task includes completing a geotechnical evaluation for the design of a landslide repair scheme. It includes working with the Design Team and City staff to design a system that will stabilize the impacted area.

The purpose of this study would be to assist the design team in developing a repair for the landslide. The key geotechnical issues associated with the project will include: an investigation of any potential geologic hazards associated with the project site, evaluating the subsurface soil and groundwater conditions, and providing design recommendations for a repair system to stabilize the slope.

- Complete a review of existing geotechnical and geological information available. This review will include published geology maps, NRCS soil surveys, and past geotechnical reports for the area.
- Complete a detailed geologic reconnaissance of the site. An Engineering Geologist will walk available portions of the site to observe surface manifestations of geotechnically related issues and underlying geology. The reconnaissance will include the condition of surface improvements (evidence of past settlement or failure), surface vegetation, surface fills, soil exposures, springs or seeps, soft ground, and evidence of slope movement.
- Mark the proposed exploration locations in the field in order to complete the necessary utility location activities.
- Complete three to four drilled borings at the head of the slope with site access coming from the pedestrian pathway. A trackhoe will clear pathways through the trees to reach drill sites along the landslide. A further two borings will be completed adjacent to the street at the toe of the slide.
 - The upper borings will be completed to depths ranging from 30 to 80 feet and the lower borings to depths ranging from 20 to 30 feet, depending on conditions encountered.
 - Samples will be collected and transported to the office for further classification and testing.
 - Borings will be backfilled in accordance with WSDOT regulations.

- Maintain a log of the soils encountered in the explorations and collect soil samples for laboratory testing.
- Select samples will be transported to a subcontract laboratory. A suite of classification and strength tests will be completed to develop information for use in the stability model.
- Complete computerized slope stability analyses using the program SLOPE/W. A statistical analysis of all assumed parameters will be included. The slope stability analysis will be used to develop a preferred repair methodology and to determine the type, size, and location of the repair.
- Prepare and submit a draft geotechnical report for the project. The report will contain the following:
 - Detailed logs of subsurface explorations.
 - Site plans indicating the exploration locations and relevant features as well as interpreted geology.
 - Laboratory testing results.
 - Comprehensive descriptions of the subsurface conditions prepared by an Engineering Geologist.
 - Description of and results of the stability analysis.
 - Preliminary recommendations for the design of the slope repair.
- Consult with the design team to develop the final design.
- Subsequent to the completion of the design process, a final geotechnical report incorporating requested changes/updates from the project team's review of the draft report will be prepared.
- Coordinate geotechnical tasks with other design tasks.
- Attendance at up to two project meetings.

Deliverables

- Draft geotechnical report (*electronic PDF copy*)
- Final geotechnical report (*electronic PDF copy and up to 5 hard copies*)

Assumptions

The above scope of work is based upon the following assumptions:

- Roadway traffic shall not be impacted by the field work, and therefore traffic control has not be included.
- Field work will be performed during daylight hours.
- If required, the City will issue a street use permit at no cost to the Consultant.

Task 5: Environmental and Cultural Resources Services

5.1 - National Environmental Policy Act (NEPA) Compliance

The February 2, 2016 Federal Disaster Declaration (FEMA-4253-DR) included the Lacamas Lane Slide. Therefore, a NEPA document will be prepared following FEMA's NEPA Desk Reference (2013). Based on the project site conditions and expected extent and type of impacts, it is presumed the project qualifies under a Level 3 Categorical Exclusion (CATEX) (<https://www.fema.gov/fema-categorical-exclusions>):

Improvements to existing facilities and the construction of small scale hazard mitigation measures in existing developed areas with substantially completed infrastructure, when the immediate project area has already been disturbed, and when those actions do not alter basic functions, do not exceed capacity of other system components, or modify intended land use; provided the operation of the completed project will not, of itself, have an adverse effect on the quality of the human environment...

A Level 3 CATEX requires full review, consultation, and documentation (as described in the NEPA Desk Reference) for:

- National Historic Preservation Act;
- Archeological & Historical Preservation Act;
- Endangered Species Act;
- Farmlands Protection Policy Act;
- Section 404 of the Clean Water Act;
- Executive Orders 11988 (Floodplain Management), 11990 (Protection of Wetlands), and 12898 (Environmental Justice);
- Other environmental laws and executive orders if applicable, such as the Safe Drinking Water Act (SDWA) Sole Source Aquifer Program (Troutdale Aquifer); and
- Determination if extraordinary circumstances as defined by FEMA in 44 CFR 10.8(d)(3) are associated with the project.

HHPR will prepare a brief outline resource memo (in bulleted format) of conditions and interpretations of impacts for each of the items identified above for a Level 3 CATEX.

HHPR will attend an office meeting with the FEMA project manager or environmental staff to review and discuss the project, the Level 3 CATEX resource document, the procedures and schedule of the NEPA process, and confirm a Level 3 CATEX is appropriate.

Deliverables

- Level 3 CATEX resource memo (*electronic draft to City staff*)
- One office visit/meeting with FEMA staff.

Assumptions

- Level 3 CATEX resource memo will be based on information gathered prior to contract award (in February 2016) and will not incorporate specific design or construction information;
- Level 3 CATEX resource memo will be less than 3 pages and may include supplemental maps and tables as appropriate;
- A single review cycle of the resource memo, and comments on draft will be limited in extent and typically editorial in character;
- No change in NEPA guidance or requirements by FEMA or other federal agencies

5.2 - NEPA Draft and Final Documents (*To be added with Phase 2 Services*)

5.3 - Endangered Species Act (ESA) Compliance

Database research and a field survey will be conducted to identify federally listed species in the project area. This information will be used to prepare an ESA compliance document, presumably a No Effect Letter, addressing potential direct and indirect effects to plant, fish, and wildlife species that are listed under the ESA. The effort of the subtask will be:

- Research information on the location and status of special status plants, fish, and wildlife (i.e., federally listed threatened, endangered or proposed for listing species) target species. Information will be obtained from Washington Department of Natural Resources (Clark County GIS database), WDFW (website), US Fish and Wildlife (website) and NOAA Fisheries (website).
- Review literature and scientific data to determine target species (if identified in project area), distribution, and habitat needs.
- Conduct an on-site inspection of the area of potential effect to determine the likely presence of target species and to determine whether suitable habitat exists within the project area.

Deliverables

- Field notes and database printouts.

Assumptions

- No pre-consultation meetings with resource agencies will be required.
-

5.4 - ESA Draft and Final Documents *(To be added with Phase 2 Services)*

5.5 - Sole Source Aquifer Program Compliance *(To be added with Phase 2 Services)*

5.6 - SEPA Compliance

This project requires preparation of a SEPA Checklist. Staff will prepare the Checklist in accordance with city and state regulations and policies, and is expected to be prepared using technical memoranda/reports and project-specific investigations and design work. The Checklist includes 16 environmental elements to be evaluated, some of which are more pertinent to this project than others. The natural resource-related elements (such as Water, Plants, and Animals) and associated analysis can be based on information obtained for the wetland, ESA, and critical area ordinance effort and project design information. Evaluation of the human environment (such as Air, Energy, Environmental Health, Transportation, Public Services, and Utilities) can be made from project-specific studies or the project design proper. Historic/Cultural evaluation will be based on the findings of the project-specific cultural resources study. Review and approval will be by City planning and Washington State Department of Ecology staff.

HHPR will prepare a preliminary Checklist (in bulleted format) of conditions and interpretations of impacts for each of the items identified above. The purpose of the preliminary document is to identify data gaps and needs.

Deliverables

- Preliminary Checklist *(electronic draft to City staff)*.
- Attend an office meeting with City staff.

Assumptions

- Preliminary Checklist will be based on information gathered in February 2016 (prior to contract award) and will not incorporate specific design or construction information;
- Preliminary Checklist will not include maps, photographs, technical reports, etc., and will not incorporate or consider specific design or construction information;
- A single review cycle of the resource memo, and comments on draft will be limited in extent and typically editorial in character;
- Meeting with City staff combined with meeting in Task 5.8.

5.7 - SEPA Final Document *(To be added with Phase 2 Services)*

5.8 - City of Camas Critical Areas and Significant Tree Permit

The land north of Lacamas Lane and directly south of the slide is mapped as a Non-riparian Habitat Conservation Area. These areas are part of the Camas Biodiversity Area, a WDFW Priority Habitat recognized for Mature Timber and associated ecological values. At the resolution of the GIS map the buffer of this conservation area appears to overlap the site. More accurate conservation areas and buffer determinations need to be made, in part, because of mid-2000 harvest of the Douglas fir stand at the site and uncertain limits of the project.

Vegetation removal and impacts to the Douglas-fir stand mitigation may need to be addressed. The extent of these issues and the solutions will depend on the physical extent of the engineering design, construction methods, and the prior mitigation plan.

Although no ESA-listed species are mapped on the site, the area is mapped as potentially having tall bugbane (*Cimicifuga elata*), a federal Plant Species of Concern. As required by the Camas Municipal Code, a habitat review will be made to evaluate the site *if* safe to traverse the slide area

For this phase HHPR will:

- Attend an office visit with City staff to review the project and discuss concerns or recommendations planning staff may have regarding jurisdiction and critical area issues.
- Determine buffer of the conservation area in conjunction with HHPR environmental and survey staff.
- Meeting with City staff combined with meeting in Task 5.6.

Deliverables

- Attend an office meeting with City staff.

5.9 - Critical Areas Report *(To be added with Phase 2 Services)*

5.10 – Cultural Resources Services *(Services provided by Archaeological Investigations NW, Inc.)*

The project will need to meet compliance with Section 106 of the National Historic Preservation Act, and will involve a cultural resource survey. Since no historic resources are in the project area, the cultural resource study would consist of an archaeological survey; this survey would also complete the archaeological study needed to satisfy the City of Camas' Archaeological Resource Preservation ordinance, assuming the City requests this project be reviewed for compliance of this ordinance. The standards and guidelines developed by the Washington State Department of Archaeology and Historic Preservation (DAHP) would be followed, and professionally qualified staff with strong experience in the project area would direct the study.

The survey will include a background review of archaeological and historic resource potential, field survey, and preparation of a report documenting the research and fieldwork and providing recommendations for additional study, if needed. The report would be submitted to the DAHP and Tribes for review. The fieldwork would consist of a pedestrian survey or—if field conditions are dangerous—a simple field inspection. Areas that are likely to retain an archaeological resource will be shovel tested during the field survey.

None of the area along the targeted portion of NE Lacamas Lane has previously been included in an archaeological or a cultural resource study, based on a review of the Washington State database and other records. However, there have been several archaeological surveys closer to Lacamas Lake nearby to the east—off both sides of Lake Road—and archaeological resources in the vicinity of the project are common.

The following tasks will be performed.

- Conduct an archaeological pedestrian survey of the Area of Potential Effect (APE) and excavate shovel tests in areas where the land is intact or an archaeological resource is likely.
 - Up to 4 shovel tests may be needed.
 - One archaeological resource is assumed to be within the project APE and would be recorded.
- No buildings or structures that may have been constructed 45 years ago or more are within the APE; therefore, a historic resource inventory will not be needed.
- Summarize the findings in a survey report for FEMA review and for submittal to the City.
 - Recommend a Finding of Effect based on the possible impacts, or recommend additional evaluation phase study.
 - Once the report is approved by FEMA, send copies of the report via Certified Mail to the list of 8 Tribes and DAHP, to satisfy the City's archaeological ordinance.
- If resources cannot be avoided, additional effort to evaluate them may be needed. Resource evaluation would be a second phase of the study.

Task 6: Engineering and Landscape - Concept Alternatives

6.1 – Design Concept Alternatives

Based on the geotechnical investigation, HHPR will develop preliminary slide repair concepts and alternatives to the 10 percent design stage. Review documents will consist of drawings, and a preliminary opinion of probable construction cost. At this design level, the repair concept for the project is established.

Deliverables

- Vicinity map
- Up to three concept alternatives for the slide repair.
- Cross-sections for each concept.
- Probable costs for each concept.
- Narrative of environmental, right of way, permitting and other issues for each concept.

City Deliverables to the HHPR Team

Project Coordination

The City will assist the HHPR team in managing relationships with other jurisdictions involved in the project, adjacent property owners and the public. The City will provide staff to meet and discuss the project with the Consultant as needed. The City will provide written comments pertaining to the design submittals.

Right of Entry Permits

The City will obtain any required right of access to private parcels within the project area.

Utility List

The City will provide HHPR with a list of local contacts for utilities within the project limits.



Exhibit "B"
Lacamas Lane Slide Repair - Phase 1
Consulting Services

Professional Services Fee Proposal Estimate
March 28, 2016

Task and Description	Harper Houf Peterson Righellis Inc. (Project Management, Environmental, Engineering, & Landscape)														Geotechnical	Cultural Resources	Total Per
	PM	P.Engr	Designer	CAD	S. Scientist	Planner	Landscape	Surv.Mgr	P.Surv.	Surv.T	Surv.CC	Surv.IP	Clr	Reim.	Apex Companies, LLC	Archaeological Invest. NW	Task
Task 1: Project Management and Administration																	\$16,450.00
1.1 Project Management (3 months @ 4 hours/week)	48.00												12.00	\$50.00			\$9,410.00
1.2 Project Coordination (up to 3 City Meetings and 1 FEMA meetings)	16.00	16.00			8.00								4.00	\$200.00			\$7,040.00
Task 2: Data Collection																	\$27,380.00
2.1 Surveying								4.00	36.00	32.00	80.00	80.00	3.00	\$200.00			\$23,720.00
2.2 Base Mapping								1.00	2.00	12.00				\$0.00			\$1,640.00
2.3 Site Visits and Project Photos	2.00	4.00	8.00										1.00	\$30.00			\$2,020.00
Task 3: Utility Coordination	0.50	4.00	8.00										1.00	\$10.00			\$1,737.50
Task 4: Geotechnical Services	1.00	1.00												\$0.00	\$47,446.00		\$47,781.00
Task 5: Environmental and Cultural Services																	\$18,977.50
5.1 NEPA Investigation and Memo	1.00				28.00								1.00	\$20.00			\$4,335.00
5.2 NEPA Draft and Final Documents (Phase 2 Services)																	
5.3 ESA Investigation ONLY	0.50				12.00									\$0.00			\$1,827.50
5.4 ESA Draft and Final Documents (Phase 2 Services)																	
5.5 Sole Source Aquifer Program Compliance (Phase 2 Services)																	
5.6 SEPA Compliance - Preliminary Checklist	1.00				8.00	12.00							2.00	\$10.00			\$3,185.00
5.7 SEPA Compliance - Preliminary Checklist																	
5.8 City Critical Areas and Significant Tree Permit - Investigation ONLY	0.50				24.00									\$0.00			\$3,567.50
5.9 City Critical Areas Report																	
5.10 Cultural Resources Services	0.50													\$0.00		\$5,975.00	\$6,062.50
Task 6: Engineering and Landscape - Concept Alternatives																	\$24,570.00
Engineering and Concept Plans (up to 3 options)	6.00	24.00	24.00	48.00										\$100.00			\$12,310.00
Landscape and Concept Plans (up to 3 options)	3.00						16.00							\$20.00			\$2,465.00
Cost Sections (up to 3 options)	3.00	6.00	12.00											\$5.00			\$2,870.00
Cost Estimating (up to 3 options)	6.00	18.00	6.00				3.00							\$5.00			\$4,985.00
Concept Design Narrative	2.00	8.00	2.00										1.00	\$0.00			\$1,940.00
	\$175.00	\$160.00	\$115.00	\$95.00	\$145.00	\$140.00	\$120.00	\$160.00	\$140.00	\$100.00	\$110.00	\$70.00	\$80.00	\$650.00	\$47,446.00	\$5,975.00	
Total Hours - HHPR	91.00	81.00	60.00	48.00	80.00	12.00	19.00	5.00	38.00	44.00	80.00	80.00	25.00				\$136,896.00

Totals by Consultants	
Harper Houf Peterson Righellis Inc	\$83,475.00
Apex Companies, LLC	\$47,446.00
Archaeological Invest. NW	\$5,975.00
	\$136,896.00

EXHIBIT C – STANDARD TERMS AND CONDITIONS

Unless otherwise stated (or enclosed) in the contract, the following terms and conditions will apply.

Authorization to Proceed. Any request by Client for HHPR to proceed with work shall constitute an express acceptance to all terms of this agreement, including these general provisions.

Termination and Assignment. Either Client or HHPR may terminate this Agreement by giving 30 days written notice to the other party. In such event, Client shall immediately pay HHPR in full for all work previously authorized and performed prior to effective date of termination. This Agreement is between Client and HHPR and is not transferable without the written consent of the other party.

Fees and Estimates. Charges for services will be billed in accordance with HHPR's standard bill rates. Bill rates are reviewed and may be adjusted annually.

Indemnification, Insurance & Limitation of Liability. Client hereby agrees to indemnify and hold harmless HHPR from any claim, demand, loss or liability, including reasonable attorney's fees that results from for any loss, damage, or liability arising from any acts by the Client, its agents, staff, and/or other consultants or agents that act at the direction of Client.

HHPR is covered by a general liability insurance policy with an aggregate limit of \$2 million / \$1 million per occurrence and a professional liability with an aggregate limit of \$2 million / \$2 million per claim. Client agrees that in no case shall HHPR's liability to the Client for any cause or combination of causes, in the aggregate, exceed the amount of HHPR's remaining professional liability coverage.

Professional Standards. HHPR services shall be performed in a manner consistent with that degree of care, skill, and diligence maintained by professionals providing similar services in HHPR's local community at the time that HHPR provides services under this Agreement. HHPR makes no warranties, whether express or implied, with respect to the services rendered hereunder.

Ownership of Documents. It is understood and agreed that the calculations, drawings, and specifications prepared pursuant to this Agreement ("Work Product"), whether in hard copy or electric media including BIM models form, are instruments of professional services intended for one-time use by Client only for this project only. Work Product is and shall remain the property of HHPR. Client shall not obtain the right to use the Work Product, even for one-time use unless all amounts due under this Agreement are paid in full and HHPR agrees in writing. If Client is in possession of any Work Product and has not paid any amount due hereunder, HHPR may demand return of the Work Product, and may specifically enforce Client's obligation to return such Work Product subject to duties imposed upon Client under the Washington State Public Records Act.

Payment Terms & Conditions. Monthly invoices will be issued for all work covered by this agreement. Client agrees that if it disputes any portion of an invoice, Client must notify HHPR of such dispute in writing within 30 days of the invoice date or will otherwise waive any right to dispute the invoice.

Invoices are due and payable on receipt. All amounts more than 30 days past due will be subject to finance charges. Finance charges are computed at a periodic rate of 1.5% per month. Failure to timely pay any amounts is a material breach of this Agreement. In such event, HHPR may suspend service and obligations and may further withhold plans, documents, and other information. HHPR may claim a lien for all materials, labor, and services furnished if any amount due hereunder is not timely paid.

In addition to the principal amount and finance charges due, Client agrees to pay HHPR all collection costs that HHPR incurs, regardless of whether or not litigation is initiated, including but not limited to reasonable attorney's fees, court costs, and charges for HHPR staff time (at HHPR's standard rates).

Notice of Claims. Client shall, and expressly agrees to, provide HHPR immediate written notice of any facts that could potentially result in any potential claim against HHPR, including but not limited to any dispute, any claimed damages, any perceived failure by HHPR, or otherwise. As a condition precedent to any recovery from HHPR, Client shall give HHPR written notice of any such claim or facts that could result in a claim not later than ten (10) days after the date the client receives notice of the potential claim. Client's failure to provide such notice, for any reason, shall constitute waiver of such claim.

Venue. Any litigation initiated in connection with this agreement shall take place in Clark County, Washington, unless such case involves a lien claim that must be litigated elsewhere as a matter of law. All claims of any nature that relate to this Agreement shall be subject to Washington law, unless such claims relate to the foreclosure of a lien and are, as a matter of law, subject to the laws of another state.

Enforceability / All Terms Material. All provisions herein are material to HHPR's agreement to provide services, and were expressly negotiated by the parties. In case any one or more of the provisions contained in this agreement shall be held illegal, the enforceability of the remaining provisions contained herein shall not be impaired.



**SHORT FORM OF AGREEMENT
BETWEEN CITY OF CAMAS
AND
HDJ
A DIVISION OF PBS ENGINEERING AND
ENVIRONMENTAL INC.
FOR
PROFESSIONAL SERVICES**

Prepared by

ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

and

Issued and Published Jointly by



and modified by

Miller Nash LLP, attorneys at law (May 2007)

AGREEMENT BETWEEN CLIENT AND HDJ A DIVISION OF PBS ENGINEERING AND ENVIRONMENTAL INC.

FOR PROFESSIONAL SERVICES

THIS IS AN AGREEMENT effective as of April 4, 2016 ("Effective Date") between

City of Camas ("Client")
616 NE 4th Avenue
Camas WA 98607
360-817-1590 Phone
360-834-1535 Fax

(If not signed by the Client within 30 days of the Effective Date then this Agreement shall be void)

and HDJ a Division of PBS Engineering and Environmental Inc. ("HDJ")
314 W. 15th Street
Vancouver, WA 98660-2927
360-695-3488 Phone
360-695-8767 Fax

HDJ agrees to provide the services described below to Client for 2016 On-call Service ("Project").
Description of HDJ's Services: See attached scope Exhibit A

Client and HDJ further agree as follows:

1.01 Basic Agreement

A. HDJ shall provide, or cause to be provided, the services set forth in this Agreement, and Client shall pay HDJ for such Services as set forth in Paragraph 9.01. This Agreement will not take effect, and HDJ shall have no obligation to provide services set forth in this Agreement, until Client returns a signed copy of this Agreement and pays an initial retainer.

The retainer for this matter will be \$0

It will be held in the HDJ's bank account and used to pay the final billing for the services to be provided by HDJ. The retainer is generally only a portion of the amount of fees and costs that will be charged for the work to be done. Client shall be responsible for paying the monthly invoices as set forth in Paragraph 2.01B.

2.01 Payment Procedures

A. *Preparation of Invoices.* HDJ will prepare a

monthly invoice in accordance with HDJ's standard invoicing practices and submit the invoice to Client.

B. *Payment of Invoices.* Invoices are due and payable upon receipt. If Client fails to make any payment due HDJ for services and expenses within 30 days after HDJ's invoice date, the amounts due HDJ may be increased at the rate of 1.5% per month (or the maximum rate of finance charge permitted by law, if less) from said thirtieth day. In addition, HDJ may, without liability, after giving seven days written notice to Client, suspend services under this Agreement until HDJ has been paid in full all amounts due for services, expenses, and other related charges. Payments may be credited first to interest and then to principal.

3.01 Additional Services

A. If authorized by Client, or if required because of changes in the Project, HDJ may furnish services in addition to those set forth above.

B. Client shall pay HDJ "Time & Materials" for such additional services as follows: For additional services of HDJ's employees engaged directly on the Project an amount equal to the cumulative hours charged to the Project by each class of HDJ's employees times standard hourly rates for each applicable billing class; plus reimbursable expenses and HDJ's consultants' charges, if any. The actual cost for Reimbursable Expenses will be billed at the actual cost plus 10%. In addition, the Client agrees to pay all costs and expenses incurred by HDJ on Client's behalf, including any such moneys that HDJ may advance on Client's account for any purpose whatsoever. Client shall be solely responsible for paying for all applicable sales tax, permits, licenses, and official inspections, and the cost thereof shall not be deducted from the payment due HDJ.

4.01 Termination

A. The obligation to provide further services under this Agreement may be terminated:

1. For cause,

a. By either party upon 30 days written notice in the event of substantial failure by the other party to perform in accordance with the Agreement's terms through no fault of the terminating party.

b. By HDJ:

1) upon seven days written notice if HDJ believes that HDJ is being requested by Client to furnish or perform services contrary to HDJ's responsibilities as a licensed professional; or

2) upon seven days written notice if the HDJ's services for the Project are delayed or suspended for more than 90 days for reasons beyond HDJ's control.

3) HDJ shall have no liability to Client on account of such termination.

c. Notwithstanding the foregoing, this Agreement will not terminate as a result of a substantial failure under paragraph 4.01.A.1.a if the party receiving such notice begins, within seven days of receipt of such notice, to correct its failure and proceeds diligently to cure such failure within no more than 30 days of receipt of notice; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 60 days after the date of receipt of the notice.

2. For convenience, by Client effective upon the receipt of notice by HDJ.

B. The terminating party under paragraphs 4.01.A.1 or 4.01.A.2 may set the effective date of termination at a time up to 30 days later than otherwise provided to allow HDJ to demobilize personnel and equipment from the Project site, to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble Project materials in orderly files. In the event of termination for any reason, Client shall be responsible for paying all compensation for services rendered by HDJ under this Agreement.

5.01 Controlling Law

A. This Agreement is to be governed by the law of the state in which the Project is located.

6.01 Successors, Assigns, and Beneficiaries

A. Client and HDJ each is hereby bound and the partners, successors, executors, administrators, and legal representatives of Client and HDJ (and to the extent permitted by paragraph 6.01.B the assigns of Client and HDJ) are hereby bound to the other party to this Agreement and to the partners, successors, executors, administrators, and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements, and obligations of this Agreement.

B. Neither Client nor HDJ may assign, sublet, or transfer any rights under or interest (including, but without limitation, moneys that are due or may become due) in this Agreement without the written consent of the other, except to the extent that any assignment, subletting, or transfer is mandated or restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

7.01 General Considerations

A. The standard of care for all professional engineering and related services performed or furnished by HDJ under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. HDJ makes no warranties, express or implied, under this Agreement or otherwise, in connection with HDJ's services. HDJ and its consultants may use or rely upon the design services of others, including, but not limited to, contractors, manufacturers, and suppliers.

B. HDJ shall not at any time supervise, direct, or have control over any contractor's work, nor shall HDJ have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, for safety precautions and programs incident to a contractor's work progress, nor for any failure of any contractor to comply with laws and regulations applicable to contractor's work.

C. HDJ neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work in accordance with the contract between Client and such contractor.

D. HDJ shall not be responsible for the acts or omissions of any contractor, subcontractor, or supplier, or of any contractor's agents or employees or any other persons (except HDJ's own employees) at the Project site or otherwise furnishing or performing any of construction work; or for any decision made on interpretations or clarifications of the construction contract given by Client without consultation and advice of HDJ.

E. All design documents prepared or furnished by HDJ are instruments of service, and HDJ retains all ownership and property interest (including the copyright and the right of reuse) in such documents, whether or not the Project is completed.

F. To the fullest extent permitted by law, Client and HDJ (1) waive against each other, and the other's employees, officers, directors, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to the Project, and (2) agree that HDJ's total liability to Client under this Agreement shall be limited to \$50,000 or the total amount of compensation received by HDJ, whichever is greater.

G. The parties acknowledge that HDJ's scope of services does not include any services related to a Hazardous Environmental Condition (the presence of asbestos, PCBs, petroleum, hazardous substances or waste, and radioactive materials). If HDJ or any other party encounters a Hazardous Environmental Condition, HDJ may, at its option and without liability for consequential or

any other damages, suspend performance of services on the portion of the Project affected thereby until Client: (i) retains appropriate specialist consultants or contractors to identify and, as appropriate, abate, remediate, or remove the Hazardous Environmental Condition; and (ii) warrants that the Site is in full compliance with applicable Laws and Regulations.

8.01 Total Agreement

A. This Agreement (consisting of pages 1 to 5 inclusive together with any expressly incorporated exhibit), constitutes the entire agreement between Client and HDJ and supersedes all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a duly executed written instrument.

9.01 Payment "Time & Materials" (Hourly Rates Plus Reimbursable Expenses & Sub-consultants)

A. Using the procedures set forth in paragraph 2.01, Client shall pay HDJ as follows:

1. An amount equal to the cumulative hours charged to the Project by each class of HDJ's employees times standard hourly rates for each applicable billing class for all services performed on the Project, plus reimbursable expenses and HDJ's consultants' charges, if any. Rate tables available upon request.
2. The total compensation is estimated to be:

a. HDJ Services an estimated amount of	<u>\$29,500</u>
b. Reimbursable Expenses an estimated amount of	<u>\$500</u>
c. Sub-consultants Charges an estimated amount of	<u>\$0</u>

B. The HDJ's compensation is conditioned on the time to complete HDJ's services not exceeding 9 months. Should the time to complete HDJ's services be extended beyond this period, total compensation to HDJ shall be appropriately adjusted.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date of which is indicated on page 1.

CLIENT:

By:

Name/Title:

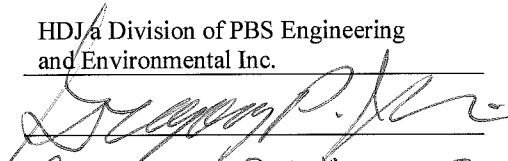
Date Signed:

HDJ a Division of PBS Engineering
and Environmental Inc.

By:

Name/Title:

Date Signed:


Gregory P. Jellison, Principal
3/29/16

Contact name and address
for giving notices:

Contact name and address for
giving notices:

Exhibit "A"
Scope of Services

The consultant shall be on call to perform professional engineering consulting services for the City. The following is a list of services that the Consultant shall provide as requested by the City:

1. Development Review

When requested by the City, the Consultant shall provide development review services. Services may include, but are not limited to:

- a. Act as imbedded City staff
- b. Coordinate land use and plan reviews with City discipline groups
- c. Review traffic impact analysis reports and studies
- d. Review final plats
- e. Review of development construction plan sets following City standards and the project condition of approval
- f. Create red line review plan sets
- g. Creation of a summary letter of outstanding plan deficiencies
- h. Communicate all review comments directly to City staff
- i. Development construction inspection services
 - i. Attend preconstruction conference
 - ii. Development inspections
 - iii. Warranty reviews
 - iv. Other development related inspections as needed
- j. Attend meetings with City staff on an "as-needed" basis
- k. Exclusion: Consultant shall have no direct contact with developers and their engineering staff.

2. Construction Management

When requested by the City, the consultant shall provide construction management services. Services may include, but are not limited to:

- 1) Constructability review
- 2) Construction project administration
- 3) Construction management
- 4) Inspection services
- 5) Construction engineering support
- 6) Project closeout

HDJ Design Group, PLLC - Fee Schedule

Effective Date January 1, 2016

<u>Classification</u>	<u>Hourly Rate</u>
<u>ENGINEERING</u>	
Engineer - Principal	\$200.00
Engineer- Associate Principal	\$180.00
Engineer - Manager VI	\$155.00
Engineer – Project V	\$142.00
Engineer - IV	\$132.00
Engineer – III	\$124.00
Engineer – II	\$115.00
Engineer – I	\$106.00
Engineering Intern	\$67.00
Design Technician – IV	\$119.00
Design Technician – III	\$115.00
Design Technician – II	\$107.00
Design Technician – I	\$98.00
<u>TRAFFIC ENGINEERING</u>	
Traffic Engineer –Manager VI	\$160.00
Traffic Engineer – Project V	\$146.00
Traffic Technician - III	\$124.00
Traffic Counter	\$84.00
<u>GEOTECHNICAL ENGINEERING</u>	
Geotechnical Engineering	\$155.00
Geotechnical Engineer- I	\$124.00
Geohydrologist	\$155.00
Geophysicist	\$155.00
Geotechnical Engineering Technician	\$84.00
<u>LAND SURVEYING</u>	
Surveyor- Principal	\$155.00
Surveyor- Manager	\$142.00
Surveyor- PLS	\$129.00
Surveyor- LSIT	\$103.00
Survey Technician – I	\$93.00
Surveyor Assistant	\$78.00

HDJ Design Group, PLLC - Fee Schedule Continued
Effective Date January 1, 2016

<u>Classification</u>	<u>Hourly Rate</u>
Crew Chief- 2 Person	\$156.00
Crew Chief- Person W/ Robotic Equipment	\$125.00
 <u>LANDSCAPE ARCHITECTURE</u>	
Landscape – Manager VI	\$138.00
Landscape- Project V	\$130.00
Landscape - IV	\$114.00
Landscape - III	\$100.00
Landscape – II	\$92.00
Landscape – I	\$82.00
 <u>PLANNING</u>	
Planning- Manager V	\$138.00
Planner – Project IV	\$122.00
Planner - III	\$100.00
Planner - II	\$92.00
Planner- I	\$82.00
 <u>CONSTRUCTION</u>	
Construction - Sr. Manager VI	\$148.00
Construction – Manager V	\$138.00
Construction Inspector – III	\$112.00
Construction Inspector – II	\$92.00
Construction Inspector – I	\$80.00
 <u>CADD DRAFTING</u>	
CADD- Manager	\$122.00
CADD Drafter – III	\$90.00
CADD Drafter – II	\$84.00
CADD Drafter – I	\$78.00
 PROJECT ASSISTANT	 \$76.00
GRAPHIC SPECIALIST	\$92.00
ADMINISTRATIVE	\$62.00

DIRECT NON-SALARY EXPENSES COST+10%

Direct non-salary expenses are identifiable charges for travel, long distance telephone, postage, drafting supplies not normally kept on hand, printing and binding, film processing, etc.

Engineering Development Review



Engineering Development Services

Engineering Manager, Project Manager, Engineer I, Engineering Technician

2 years +/-

- Pre-application Review
- Application Review
- Staff Report and Conditions Preparation
- **Construction Plans Review**
- Intra-department Coordination
- Consultant & Applicant Coordination
- Final Plat Approval
- **Construction Inspection**
- Final Acceptance
- Bonding Approval
- Warranty Items
- Encroachment Permits

Development Projects

Residential Developments:

Kate's Close Subdivision, 29 lots

Hills at Round Lake Subdivision, Phase 5A & 5B, 25 lots

Swan's Nest Short Plat, 8 lots

Belz Place Subdivision, Phase 1, 48 lots

Belz Place Subdivision, Phase 2, 55 lots

Valencia Short Plat, 3 lots

Province Estates, 41 lots

C.J. Dens, 289 lots

Windust Subdivision, 199 lots

Feno Short Plat, 4 lots

Development Projects

Residential Developments continued:

Green Mt. Mixed Use PRD, Phase 1A, 22 lots, & 1B, 36 lots

Green Mt. Mixed Use PRD, Phase 1D, 21 lots, & 1E, 28 lots

Village at Camas Meadows, Phase 1, 64 to 77 lots & 138 apartments

Riverview Apartments, 120 units

Green Mt. Estates Subdivision, 354 lots

Loft's at Camas Meadows, ,102 apartments

Meadows Subdivision, 14 lots

Parklands at Camas Meadows, 44 lots

Development Projects

Non-Residential developments:

CSD High School parking expansion for 198 additional parking spots

NW Natural 2.2 miles of new 12" pipeline

Camas Montessori School

One Stop Mini Storage, Phases 2 – 5

Parklands at Camas Meadows

6th & Birch restaurant & lofts

Riverview Bank & Apartments

NW 38th Ave. Dental Offices

Camas Lakeland, LLC (Camas Produce)

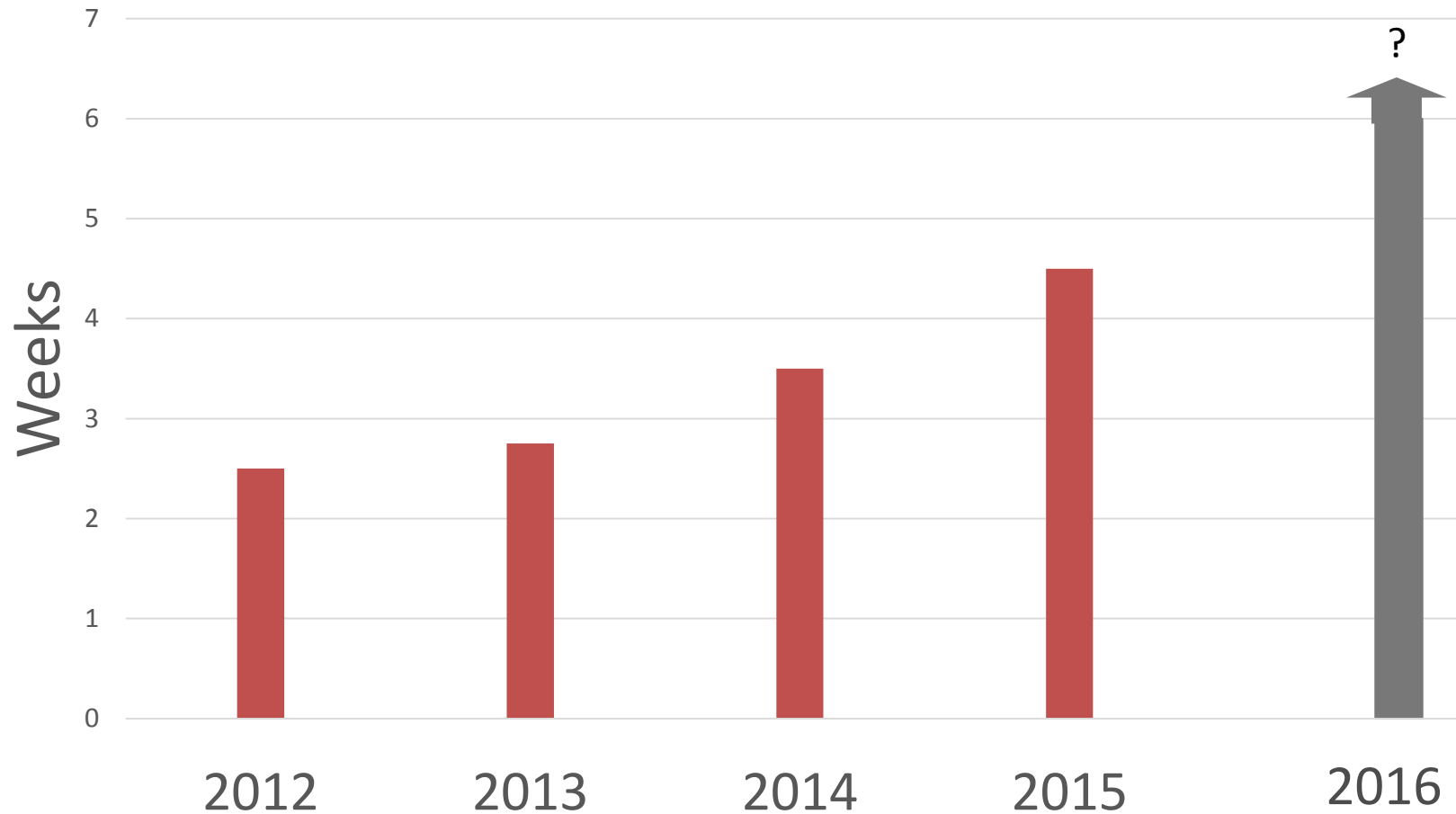
Grace Four Square Church Gym project

Engineering Staffing for Development Review

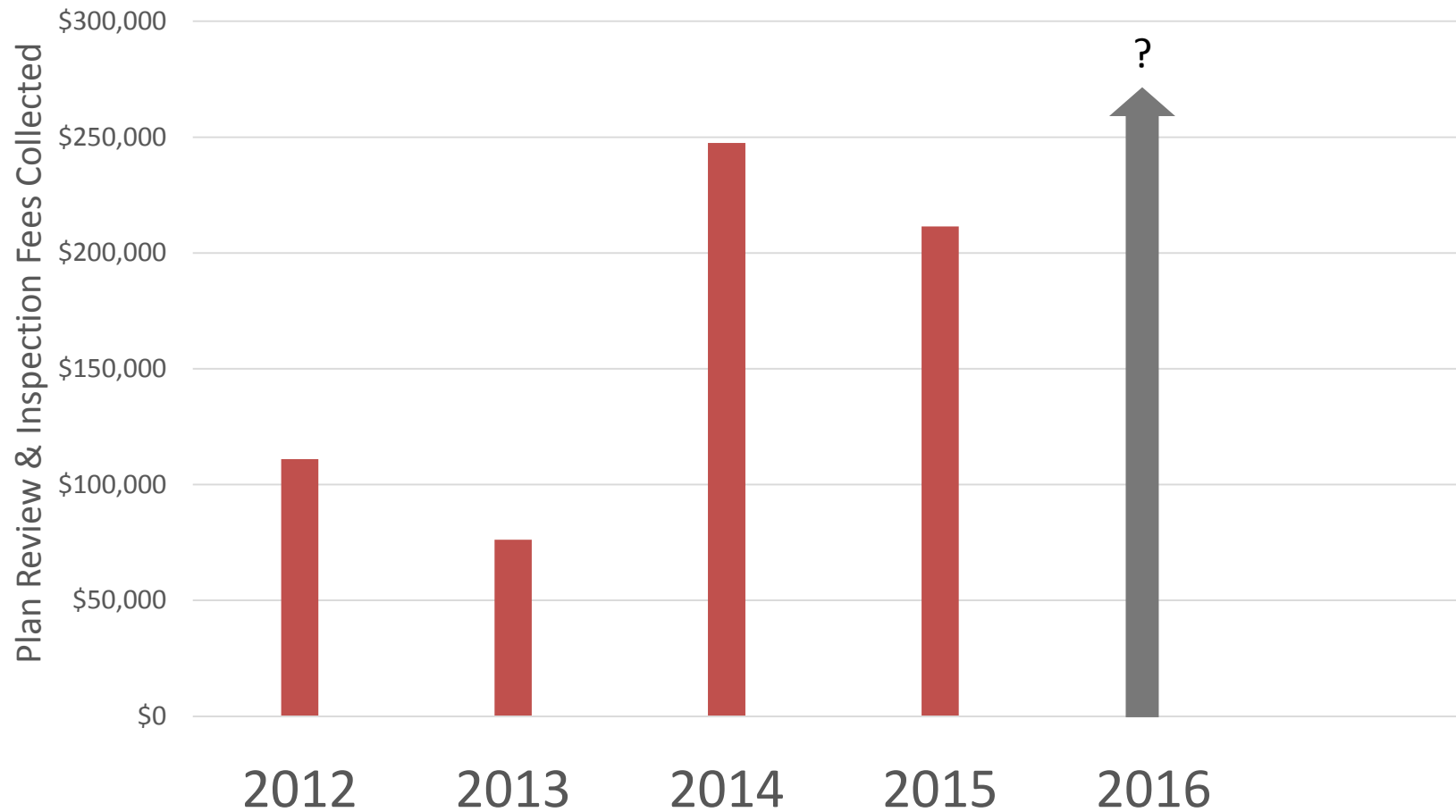


Construction Drawings Review Time

First Iteration Only



Engineering Plan Review & Inspection Fees



Proposal

- Staff is seeking \$30,000 for consultant assistance with Plan Review and Construction Inspection.
- Benefits
 - Decrease Plan Review Timelines
 - As-needed Assistance
 - Reduce Staff Overtime and Overload
 - Increased revenue anticipated to offset this cost



Supplemental Agreement Number <u>03</u>		Organization and Address	
Original Agreement Number S-584		HDJ Design Group, PLLC 314 W 15th Street Vancouver, WA 98660-2927 Phone: 360-695-3488	
Project Number S-584	Execution Date 2/29/2016	Completion Date 12/31/2016	
Project Title NW 6th and Norwood Intersection		New Maximum Amount Payable \$ 404,544.51	
Description of Work Intersection Improvements including the design of a roundabout			

The Local Agency of City of Camas

desires to supplement the agreement entered into with HDJ Design Group, PLLC

and executed on 7/8/2014 and identified as Agreement No. _____

All provisions in the basic agreement remain in effect except as expressly modified by this supplement.

The changes to the agreement are described as follows:

I

Section 1, SCOPE OF WORK, is hereby changed to read:

See attached exhibits A through D. The fee for construction administration and support (Exhibit D) is based on HDJ's 2016 billing rates.

II

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the number of calendar days for completion of the work to read: Completion Date 12/31/2016

III

Section V, PAYMENT, shall be amended as follows:

Current Contract and supplements \$278,107.76 + Supplement #3 \$126,436.75

NEW CONTRACT TOTAL \$404,544.51

as set forth in the attached Exhibit A, and by this reference made a part of this supplement.

If you concur with this supplement and agree to the changes as stated above, please sign in the appropriate spaces below and return to this office for final action.

By: Thomas Dennis

Consultant Signature

By: _____

Approving Authority Signature

Exhibit A
Scope of Work – Additional Design Services
Supplemental Agreement #3

NW 6th Avenue and Norwood Intersection
City of Camas Agreement Number S-584

February 29, 2016

TASK J – ADDITIONAL SERVICES

The sub-tasks under Additional Services include work performed by HDJ during the design phase of the project. These sub-tasks were added at the request of the City of Camas. Detailed description follows:

Subtask J.1 – Survey Services during CPU Potholing

HDJ's survey crew staked the location of the potholes during the coordination with CPU. Field information was imported into the base drawing and provided to the design team to address potential utility conflicts.

Subtask J.2 – Illumination, addition of decorative poles

The design of the illumination system was revised to provide decorative poles throughout the project.

Subtask J.3 – Structural Engineering Services

This subtask included the services of a structural engineer sub-consultant, Aptum, to design structural components, such as retaining wall, for the project. HDJ provided drafting services for the structural drawings.

Subtask J.4 – Stake Right of Way and TCE

HDJ's survey crew staked the right-of-way and temporary construction easement for the project.

Subtask J.5 – Preparation of Exhibit for Master Sign Permit (Banner Poles)

HDJ prepared an exhibit for the Banner Pole permit.

Subtask J.6 – WSDOT Revisions

This task includes addressing WSDOT plan revisions after the final design submittal. The revisions including re-sizing of street signs.

Subtask J.7 – Contract Alternates

This task includes plan changes to show construction alternates.

	HDJ Design Group PLLC (Engineering/Management)														HDJ	Subs	SUB	BUDGET
Task and Description	ENG- PRINCIPAL	TRAFFIC MANAGER	ENG - MANAGER VI	ENG III (PE)	ENG II	LA MANAGER	LA III	CADD	Survey LSIT	Survey- Mngr	Survey Crew (2)	Survey Assistant	TECH-III	Expense	TOTAL	Aptum	TOTAL	AMOUNT
Previous contract agreement through 30% Design, including Supplement 1																		\$74,639.17
Invoice Adjustment (credit)																		
Budget remaining from Supplement 1																		
Supplement 2 Budget																		\$203,468.59
TASK J- ADDITIONAL SERVICES																		
Sub-task J.1 Survey Services during CPU Potholing									3.50		8.50				1,642.00		0.00	\$1,642.00
Sub-task J.2 Illumination - addition of decorative poles		4.50	5.50		2.50								7.00		2,586.50		0.00	\$2,586.50
Sub-task J.3 Structural Engineering Services			0.25			2.00	8.00								1,075.50	1,500.00	1,500.00	\$2,575.50
Sub-task J.4 Stake Right of Way and TCE			0.25								5.00	3.00			1,025.50		0.00	\$1,025.50
Sub-task J.5 Preparation of Exhibit for Master Sign Permit (Banner Poles)	0.25					3.00	0.25	4.75							906.50		0.00	\$906.50
Sub-task J.6 WSDOT Design Revisions		1.25		9.00	7.25				3.00						2,385.75		0.00	\$2,385.75
Sub-task J.7 Contract Alternates	2.00	2.00		3.00	8.00	1.00	1.00						2.00		2,421.00		0.00	\$2,421.00
B&O tax (1.8%)															27.00			\$27.00
TOTAL HOURS	2.25	7.75	6.00	12.00	17.75	6.00	9.25	4.75	6.50	0.00	13.50	3.00	9.00					
HOURLY RATES	200.00	155.00	150.00	120.00	112.00	135.00	96.00	90.00	100.00	138.00	152.00	76.00	112.00					
Supplement 3 Design Budget	450.00	1,201.25	900.00	1,440.00	1,988.00	810.00	888.00	427.50	650.00	0.00	2,052.00	228.00	1,008.00	0.00	12,069.75	1,500.00	1,500.00	13,569.75
Supplement 3 Construction Management, See Exhibit D for details																		112,867.00
Total Contract																		404,544.51

SUPPLEMENT 3
EXHIBIT C

SCOPE OF WORK
Construction Administration Services

S-584 NW 6th Avenue & Norwood Intersection Improvements Project
City of Camas, WA

General Description:

The City of Camas has asked HDJ to perform construction management support for the NW 6th Avenue and Norwood Intersection Project. The project is currently in the Final Design phase, and is expected to start construction in May 2016. HDJ is proposing the scope items below to accommodate this work.

In general, the construction engineering phase will involve, but not be limited to, the following key components and deliverables:

- Preparation and Submittal of Monthly Invoices to City for Services Performed
- Limited Construction Management and Administration
- Attendance at Preconstruction Conference
- Preparation of Record of Materials (ROM)
- Review of Material Submittals
- Tracking of Weekly Statements of Working Days
- Review of Contractor Monthly Pay Estimates and Submittal to City
- Review of Contractor Proposals for Alternate "Or Equal" Materials.
- Attendance at Weekly On-Site Construction Meetings
- Construction engineering support
- Survey verification
- Preparation of Draft Project Closeout Paperwork
- Preparation and Submittal of Construction Record Drawings

Assumptions:

The following assumptions are specific to the work involved with construction management and inspection:

1. There will not be any interaction with federal agencies in relation to this project.
2. The City will be responsible for all utility coordination.
3. Construction will be completed in the 120 working days allotted to the project, with an assumed 24 weeks of construction.

4. The City will be performing construction inspection and providing copies to HDJ's Construction Manager with daily inspection reports and pay notes.
5. Construction staking will be performed by the Contractor.
6. Probable start of construction: May 2016
7. Probable end of construction: October 2016
8. The City will be responsible for bid opening, award recommendation, and contract execution for the proposed project.
9. A Construction Stormwater General permit has been obtained for this project. The City will be responsible for submitting any required documentation to the Department of Ecology to meet the requirements of the permit.
10. The City will have an Interagency Agreement with WSDOT.
11. The City will create a pre-construction photo and video log.
12. The City will have a separate contract for material and construction testing services.
13. Certified payrolls verifying state prevailing wage rates will not be required.
14. The City will function as the primary Construction Manager and will provide final approval of all paperwork items. The City's Construction Manager will be responsible for distribution of paperwork items to the Contractor, City Inspector, and HDJ's Construction Manager.
15. The City's Construction Manager will be responsible for any negotiations or management of disputes with the Contractor, utility companies, or private property owners.
16. HDJ's Construction Manager and Project Assistant will prepare draft versions of paperwork, as described in this scope, and will provide the drafts to the City's Construction Manager for review and approval. HDJ will maintain this documentation as items are reviewed and approved.
17. In this scope, "HDJ" is used to represent both HDJ's Construction Manager and Project Assistant, unless otherwise indicated in the task description.

Scope of work

Task K – Project Management and Coordination

Sub-Task K.1 – Contract Administration, Invoicing, and Progress Reports
HDJ will perform project management services to include the following:

- 1) Prepare and submit monthly invoices. Each invoice will include: date period covered by invoice, number of hours worked during the billing period with billing rates shown; expenses and associated mark-ups; total cost for labor and expenses for the billing period; and a total amount summarizing labor, and expenses. No additional markup will be included in the billing by HDJ.
- 2) Prepare a Contract Summary Report to accompany the monthly invoices. The Contract Summary Report will list each invoice as well as current invoice with an itemized summary of invoice numbers, dates, and amounts billed for labor, and

expenses. The Contract Summary Report will also list the total amount billed to date, total amount remaining under contract, and contract expiration date.

- 3) Maintain all contract-required documentation. Provide copies of project files and records to the City for audits and public information requests. All final documents shall be provided in electronic format as requested.

Sub Task K.1 – Deliverables

- Monthly invoices, and Contract Summary Reports.
- Project Documentation.

Sub-Task K.2 – Preconstruction and Kickoff Meetings

- 1) An initial kickoff/coordination meeting will be conducted with HDJ's project team and City staff to establish procedures/protocols and communication requirements for the project. This meeting should occur prior to bid advertisement.
- 2) HDJ will assist the City with coordination of the preconstruction conference.

Exclusions: Preparation of Pre-construction meeting agenda. Scheduling of meetings. Distribution of Pre-construction meeting notes to all parties.

Sub-Task K.2 – Deliverables

- Preconstruction Conference Meeting Notes provided to the City.
- Kickoff coordination Meeting Notes provided to the City.

Sub-Task K.3 – Project Monitoring and Reporting

Project monitoring will include the coordination of design and construction services team members and project scheduling. HDJ duties will include the following:

- 1) Project Management: General coordination with client, other consultants, and stakeholders on construction-related items.

Sub-Task K.3 – Deliverables

- Copies of all written communications.

Sub-Task K.4 – Pre-construction Support

Pre-construction Support will include the review of plans, specification engineer's estimate and working day calculations. This work will also include the coordination and transition from design to construction management including support during the contract advertisement and bid period.

HDJ scope of work includes the following:

- 1) HDJ's Construction Manager will review the plans, specials, and estimates in advance of the Preconstruction Meeting.
- 2) HDJ's Construction Manager will assist City staff with addressing construction-related questions that may arise during the bidding period and after bid award.

Sub-Task K.4 – Deliverables

- Copies of all written communications.

Sub-Task K.5 – WSDOT Coordination

HDJ will facilitate and coordinate with WSDOT to ensure timely receipt and acknowledgement of staging and traffic control plans, testing reports, and material acceptance criteria, such as Material Certificates of Compliance. HDJ will assist the City with obtaining a Temporary Access Break from WSDOT.

Sub-Task K.5 – Deliverables

- Copies of all written communications with WSDOT.
- Temporary Access Break from WSDOT.

Task L – Construction Management and Engineering

Sub-Task L.1 – Prepare Record of Materials (ROM)

HDJ will prepare a ROM and maintain a documented record of all material submittals. HDJ will log in and track each approved submittal by the City. HDJ duties will include the following:

- 1) HDJ will develop the Record of Materials (ROM) with material acceptance criteria.
- 2) HDJ will provide the City with a draft ROM for approval and update the ROM acceptance criteria as needed by the City during construction.

Sub-Task L.1 – Deliverables

- Record of Materials (ROM)

Sub-Task L.2 – On-site Meetings

HDJ will attend on-site project progress and utility coordination meetings. Other specific pre-work meetings may include the following (based on need during construction or Contractor request): traffic control/staging, construction surveying, HMAC paving, and striping. HDJ will issue meeting notes for each meeting attended. Generally, the City's Construction Manager, HDJ's Construction Manager or project assistant, City Inspector, and Contractor will be in attendance. Progress meetings will be used to promote effective communication between the City, HDJ, Contractor and other project

stakeholders. For budgeting purposes, this task assumes that HDJ personnel will attend meetings every other week during construction, for a total of 12 on-site meetings.

Exclusions: Preparation of meeting agenda. Scheduling of meetings. Distribution of meeting notes to all parties.

Sub-Task L.2 – Deliverables

- Construction Meeting Notes provided to the City.

Sub-Task L.3 – Material Submittals

HDJ will receive and review material submittals (Manufacturer's Certificates of Compliance, Certificates of Material Origin, cut sheets, Qualified Product List sheets, etc.), construction sequence schedules, shop drawings, and other items required from the Contractor to ensure compliance with contract requirements. HDJ will review the following submittals, including but not limited to: material specific submittals, HMA and concrete mix designs, retaining wall calculations and drawings, illumination materials, landscape items and others required by construction contract specifications.

For budgeting purposes, this task assumes a total of 24 material submittals.

HDJ scope includes the following:

- 1) HDJ will receive, review, and maintain all material submittals, with assistance from structural engineering sub-consultant and geotechnical engineering sub-consultant for submittals pertinent to those areas of expertise. Upon completion of review, HDJ will provide a recommendation to the City of appropriate approval requirements for material submittals.

Exclusions: Approval and issuance to Contractor of approved material submittals.

Sub-Task L.3 – Deliverables

- Copies of Approved Material Submittals with associated HDJ recommendations for approval.
- Copies of all written communications with the Contractor.

Sub-Task L.4 – Construction Administration and Engineering

The City's Construction Manager will be the direct point of contact for the City Inspector and Contractor and will coordinate with all project stakeholders. HDJ's Construction Manager will coordinate with the City Inspector and City Construction Manager throughout the duration of the project, keep a record of decisions made, review and recommend solutions to change order requests and

review progress and final progress estimates. HDJ will review and track all Contractor labor compliance documentation, including subcontracts, utilization reports and subcontractor paid reports. HDJ will review the following submittals, including but not limited to: traffic control plans, staging plans, erosion and pollution control plans, quality control plan, construction schedules, and others required by construction contract specifications.

HDJ duties will include the following:

- 1) HDJ will receive and review the SPCC Plan and Construction Staging and Access Plan, and provide the City with a recommendation of approval criteria.
- 2) HDJ will review the Contractor's proposed Monthly Pay Estimate. HDJ will provide a draft Monthly Pay Estimate to the City for review and approval. Assumed a total of 6 monthly estimates plus the final estimate. Assumed that City Inspector will provide HDJ with pay notes no later than 3 days after the last day of the billing month.
- 3) HDJ will receive and review City Inspector's daily report recording all pertinent information such as: Contractor's hours on the site, weather conditions, and data relative to potential Change Orders, Minor Change Orders, or changed conditions, site visitors, daily activities, and decisions.
- 4) HDJ will receive and review Contractor's Erosion Control Inspection reports and Traffic Control Reports. HDJ will notify the City Construction Manager if any irregularities or concerns are identified.
- 5) HDJ will receive and review all Requests to Sublet for approval of Subcontractors, and provide the City with a recommendation of approval criteria.
- 6) HDJ will receive, review, and determine the acceptability of any and all schedules provided by the contractor. These may include the Progress Schedule, Schedule of Submittals, and Schedule of Values. Assumed a total of 24 weekly schedules.
- 7) HDJ will track and prepare a weekly statement of Working Days. Assumed a total of 24 statements.

Exclusions: Approval and issuance to Contractor of approved submittals, including but not limited to: traffic control plans, staging plans, erosion and pollution control plans, quality control plans, and construction schedules. Approval or acceptance of erosion control inspection or traffic control reports. Approval and issuance to Contractor of approved Requests to Sublet. Approval and issuance of Weekly Statement of Working Days, or addressing Contractor disputes regarding Working Days calculations.

Sub-Task L.4 – Deliverables

- Copies of all plans and reports provided by the Contractor with recommendations of approval criteria.
- Copies of Erosion Control Inspection Reports to the City for submission to The Department of Ecology

- Draft of Monthly Pay Estimates for review and approval.
- Copies of City Inspector's daily reports
- Copies of all written communications.
- Record of field decisions
- Record of Contractor labor compliance, including subcontracts
- Weekly Statement of Working Days provided to the City for approval and issuance.
- Copies of all Schedules provided by the Contractor.

Sub- Task L.5 – Response to Questions and Change Orders

HDJ will assist the City in response to requests for information (RFI) and response for clarifications (RFC) by the Contractor, and provide supplemental information as needed to maintain the progress of the work. If field adjustments are required as a result of a change in conditions or a desired change by the City, HDJ will prepare necessary change order documents and plan revisions under direction of the City Construction Manager. HDJ will provide the City with draft change order documents for review, approval, and issuance to the Contractor.

HDJ's duties will include the following:

- 1) HDJ will assist the City with addressing construction questions and draft up to 10 RFI's from the Contractor. HDJ will provide drafts to the City for approval and issuance to the Contractor.
- 2) HDJ will assist the City with processing up to 5 RFC's from the Contractor.
- 3) HDJ will assist the City with preparing up to 5 change orders as needed, and provide these to the City for approval and issuance to the Contractor.
- 4) HDJ will prepare up to 2 design changes associated with change orders (including exhibits) during the construction process.

Exclusions: Approval and issuance of change order paperwork to Contractor. Negotiation or coordination with Contractor on nature of change order work, payments, or other items.

Sub-Task L.5 – Deliverables

- Draft RFI's to the City for approval and issuance to the Contractor.
- Draft RFC's to the City for approval and issuance to the Contractor.
- Draft Change Orders to the City for approval and issuance to the Contractor.

Sub-Task L.6 – Survey Staking Checks

HDJ Survey Department will perform survey checks as requested by the City. For budgeting purposes, this task assumes a two-person survey crew for up to 50

hours. Additional time is included for office preparation of survey data for exporting.

Sub-Task L.6 – Deliverables

- Copies of all written communications.
- Electronic AutoCAD files, if requested by the City

Task M – Construction Observation

Sub-Task M.1 – Site Visits

HDJ's Construction Manager will perform site visits as necessitated by concerns or issues arising from construction, when requested by the City. HDJ's Landscape Manager will perform site visits as necessitated by concerns or issues arising from landscape construction, when requested by the City.

For budgeting purposes, this task assumes the City will request site visits by the HDJ Construction Manager for no more than 16 hours and site visits by the HDJ Landscape Manager for no more than 8 hours, over the course of construction activities.

Sub-Task M.1 – Deliverables

- Copies of all written communications.
- Copies of observation reports.

Sub-Task M.2 – Geotechnical Support

HDJ will coordinate for geotechnical support services with HartCrowser, Inc., to address any questions that may arise in regards to this field of expertise, including doweling in concrete pavement and unsuitable excavation. This task assumes that HartCrowser, Inc., will perform no more than 2 site visits throughout the duration of construction, and allows for up to 4 hours of communication and correspondence from HartCrowser, Inc.

For budgeting purposes, this task assumes 6 hours total for HDJ communication and correspondence with sub-consultant and project stakeholders.

Sub-Task M.2 – Deliverables

- Copies of all construction recommendations provided by HartCrowser, Inc.
- Copies of all test results and reports by HartCrowser, Inc.

Sub-Task M.3 – Structural Support

HDJ will coordinate for structural support services with Aptum, Inc., to address any questions that may arise in regards to this field of expertise, including construction of walls. This task assumes that Aptum, Inc., will perform no more than 2 site visits throughout the duration of construction, and allows for up to 4 hours of communication and correspondence from Aptum, Inc.

For budgeting purposes, this task assumes 6 hours total for HDJ communication and correspondence with sub-consultant and project stakeholders.

Sub-Task M.3 – Deliverables

- Copies of all construction recommendations provided by Aptum, Inc.
- Copies of all test results and reports by Aptum, Inc.

Task N – Project Closeout and As-builts

Sub-Task N.1 – As-builts

The Final Plans will be revised to conform to construction record drawings from information supplied by the Contractor, City Inspector, and HDJ Survey Department.

HDJ's duties will include the following:

- 1) HDJ will prepare Construction Record Drawings based on As-built information provided by the City's Inspector, and survey data collected by HDJ Survey Department.
- 2) HDJ will submit the complete set to the City for approval. Upon receiving approval of as-builts, HDJ will provide 1 full size Mylar set and 4 disks, each with one electronic copy in PDF format

Sub-Task N.1 – Deliverables

- Construction Record Drawing in Mylar and electronic formats.

Sub-Task N.2 – Close-out Documentation

HDJ will compile project closeout documentation and coordinate with the Contractor and the City to obtain the required documents. HDJ will assemble project documentation and deliver to the City at project completion.

- 1) The City Construction Manager will perform all final inspections and will provide HDJ with a list of punch list items. The City Construction Manager will establish dates of substantial, physical, and contract completion and will provide HDJ with these dates.
- 2) HDJ will prepare draft letters of substantial, physical, and contract completion for review, approval, and issuance by the City.
- 3) HDJ will assemble all construction documentation in binders for delivery to the City.

Exclusions: Final inspections and project punch list. Establishment of substantial, physical, and contract completion dates.

Sub-Task N.2 – Deliverables

- Draft letters of substantial, physical, and contract completion for approval and issuance by the City.
- Hard copy of all construction documentation and electronic files on CD.

Reimbursable Expenses

HDJ has included reimbursable expenses for:

- 1) Vehicle mileage
- 2) Printing, copying, or binding services

	HDJ Design Group PLLC (Engineering/Construction Administration)											HDJ	SUBCONSULTANTS		SUB	BUDGET
	ENG-Principal	ENG-VI	ENG-III	Traffic-Eng	LA-Mngr	Survey-Mngr	Survey Crew	Survey Tech LSIT	TECH-III	ADMIN	Expense	TOTAL	Geotechnical	Structural		
Task and Description													HartCrowser	Aptum	TOTAL	AMOUNT
TASK K - PROJECT MANAGEMENT AND COORDINATION																\$12,127.00.
Sub-task K.1 Contract Administration, Invoicing, and Progress Reports	8.00	10.00	2.00							1.00		3,460.00			0.00	\$3,460.00
Sub-task K.2 Preconstruction and Kickoff Meetings	4.00	2.00	8.00									2,102.00			0.00	\$2,102.00.
Sub-task K.3 Project Monitoring and Reporting		8.00	12.00									2,728.00			0.00	\$2,728.00.
Sub-task K.4 Preconstruction Support		4.00	8.00									1,612.00			0.00	\$1,612.00
Sub-task K.5 WSDOT Coordination		1.00							18.00			2,225.00			0.00	\$2,225.00.
TASK L - CONSTRUCTION MANAGEMENT AND ENGINEERING																\$78,742.00.
Sub-task L.1 Prepare Record of Materials (ROM)			6.00						32.00			4,424.00			0.00	\$4,424.00.
Sub-task L.2 On-site Meetings			30.00	2.00	2.00							4,316.00			0.00	\$4,316.00.
Sub-task L.3 Material Submittals			24.00		12.00				72.00			12,912.00	200.00	200.00	400.00	\$13,312.00.
Sub-task L.4 Construction Administration and Engineering			72.00	12.00					200.00			33,848.00			0.00	\$33,848.00.
Sub-task L.5 Response to Questions (RFIs) and Change Orders	10.00		32.00						50.00			11,718.00			0.00	\$11,718.00.
Sub-task L.6 Survey Staking Checks						6.00	50.00	24.00				11,124.00			0.00	\$11,124.00.
TASK M - CONSTRUCTION OBSERVATION																\$6,976.00.
Sub-task M.1 Site Visits	4.00		16.00		8.00							3,888.00			0.00	\$3,888.00.
Sub-task M.2 Geotechnical Support			6.00									744.00	800.00		800.00	\$1,544.00.
Sub-task M.3 Structural Support			6.00									744.00		800.00	800.00	\$1,544.00.
TASK N - PROJECT CLOSEOUT AND AS-BUILTS																\$11,986.00.
Sub-task N.1 As-builts	4.00		24.00				16.00	6.00				6,890.00			0.00	\$6,890.00.
Sub-task N.2 Close-out Documentation			4.00						40.00			5,096.00			0.00	\$5,096.00.
Reimbursable Expenses											3,000.00	3,000.00			0.00	\$3,000.00.
B&O Tax 1.8%												0.00	18.00	18.00	36.00	\$36.00.
TOTAL HOURS	30.00	25.00	250.00	14.00	22.00	6.00	66.00	30.00	412.00	1.00						
HOURLY RATES	200.00	155.00	124.00	160.00	138.00	142.00	156.00	103.00	115.00	62.00						
TOTAL DOLLARS	6,000.00	3,875.00	31,000.00	2,240.00	3,036.00	852.00	10,296.00	3,090.00	47,380.00	62.00	3,000.00	110,831.00	1,018.00	1,018.00	2,036.00	112,867.00.



City of Camas
Contract Change Order

Order No. 2 Date February 25, 2016

Contract for WS-709C Slow Sand Water Treatment Plant Project

To Rotschy, Incorporated
(Contractor)

You are hereby requested to comply with the following changes from the contract plans and specifications:

Description of Changes (Supplemental Plans and Specifications Attached)	Decrease in Contract Price	Increase in Contract Price
--	-------------------------------	-------------------------------

A. Use Moisture-Resistant MDF for Cabinet Core – Lump Sum		\$ 579.26
B. Upsize to 52-Lug Panel – Lump Sum		\$ 811.30
C. Furnish and Install 40" x 48" Louver in lieu Of 48" x 40" Louver – Lump Sum		\$ 1,835.40
D. Furnish and Install conduit, wire, and controls for HVAC Ops through SCADA – L.S.		\$ 3,257.89
E. Furnish and Install Septic System – Lump Sum		\$ 23,378.40
F. Modify Chemical Metering Pump – Lump Sum		\$ 1,675.55
G. Install Storm System for Filter Basin Entry Ramps – Lump Sum		\$14,530.36
H. Furnish and Install 18" Diameter Culverts for Logging Road – L.S.		\$4,178.09
I. Furnish and Install 5/8" Marine Plywood for Pipe Gallery- L.S.		\$8,306.42
J. Furnish and Install Flap Valves – Lump Sum		\$2,334.19
K. Furnish and Install Round Rock Landscaping – L.S.		\$1,007.36

Subtotal: \$61,894.22

**7.7% Sales Tax: \$4,765.85

**Clark County

Net Change in Contract Price:

\$ 66,660.07

NOTES: **A)** Use Moisture-Resistant MDF for Cabinet construction per COP #5. Approved by Jim Hodges, P.M. **B)** Change DPL-1 To a 52-Lug Panel per COP #6. Approved by Steve Durspek **C)** A typo on the Plans resulted in the purchase of an incorrect Louver size order, per COP #7. Approved by Jim Hodges. **D)** Provide conduit, wire, and controls to allow HVAC to inter-face with SCADA System through RTU, per COP #8. Approved by Jim Hodges. **E)** Furnish and Install Septic System per COP #9. **F)** The Chemical Feed System was modified to provide predictable and trouble-free operation over all likely service levels per COP #10. Approved by Jim Hodges. **G)** Furnish and Install catch basins, storm pipe, reinforced concrete aprons and other items required to capture run-off at each basin entry ramp per COP #11. This item was required to prevent water from collecting and freezing on the driveway and parking lot each winter. Approved by Jim Hodges. **H)** There were (3) existing 18" diameter culverts crossing the logging road that were not shown on the plans. They had to be replaced after installation of the pipelines in the road. Approved by Jim Hodges **I)** The Pipe Gallery is a heated, concrete room filled with pipelines and instruments. Code Required installation of rigid foam insulation on the walls and ceiling. The marine plywood was installed over the insulation, and will protect the insulation and allow for mounting of instruments and equipment. Approved by Jim Hodges **J)** Flap Valves were installed on (2) Day-lited storm pipes to prevent animal intrusion. Approved by Jim Hodges **K)** A weed barrier and river-rock was installed in the planter area around the Lab Building. Approved by Steve Durspek.

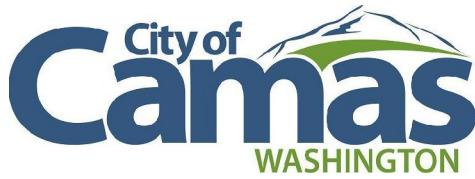
The amount of the contract will be **increased** by the sum of: Sixty Six Thousand Six Hundred Sixty and 07/100 Dollars (\$66,660.07)

The contract total, including the original contract total, this and previous change orders will be **increased** to Five Million Eight Hundred Thirty Seven Thousand Seventy One and 63/100 Dollars (\$5,837,071.63)

The substantial completion date shall be changed to March 16, 2016. All other contract dates remain unchanged.

This document will become a supplement to the contract and all provisions will apply hereto.

Requested	<u>James Hodges</u> Project Manager	<u>3/14/2016</u> Date
Recommended	<u>Jan C. Caruth</u> Engineering Manager	<u>3/15/2016</u> Date
Accepted	<u>Darin Kysar</u> Contractor	<u>3/14/2016</u> Date
Approved	_____ Mayor	_____ Date



Memorandum

TO: Mayor & Council
FROM: Camas Engineering Staff
DATE: 3/28/2016
SUBJECT: 544' Zone Water Main and Treatment Facility – Change Order No. 2

Introduction

This change order consists of 11 items ranging in cost from \$579.26 to \$23,378.40, with a total cost of \$66,660.07, including sales tax. The largest item ("E") is the permitting, design, and installation of the Septic System for the amount of \$23,378.40. This includes a septic tank, pumping system, drain-field, and related electrical controls. This item was excluded from the original plans because of an on-going discussion related to the number of tanks required to properly serve the facility. Another item ("G") consists of a storm drainage system to catch water run-off before it flows over the parking lot and freezes. This item amounts to \$14,530.36. The remaining items are an assortment of smaller drainage, electrical, mechanical, and architectural items that were not included in the project specifications and drawings. This item was discussed at the Council Workshop held on March 7, 2016.

Budget Impact

Change Order #2 totals \$66,660.07, and represents a project cost increase of 1.13%. The total of all Change Orders to date is 1.83% of the original contract amount. These costs are anticipated to be covered by the most recent Drinking Water SRF Loan that has been awarded to the City in the amount of \$2.6 million by the Washington State Department of Health.

Please note that the City's Bond Counsel is still reviewing the terms of the \$2.6 million SRF Loan and the City has not fully executed the loan paperwork. In the event the SRF loan is not executed by the City, the costs of this Change Order and the remainder of the project will be met through other loan or bond options that would also be supported by the Water Utility Fund (user fees and System Development Charges).

Staff is recommending APPROVAL of Change Order No. 2.



City of Camas
Contract Change Order

Order No. 3 Date February 10, 2016

Contract for WS-714 STEP Sewer Transmission Main Project

To McDonald Excavating, Inc.
(Contractor)

You are hereby requested to comply with the following changes from the contract plans and specifications:

Description of Changes (Supplemental Plans and Specifications Attached)	Decrease in Contract Price	Increase in Contract Price
A. Water Main Break at STA 74+00 LUMP SUM -		\$ 25,000.00
B. Leaking Sanitary Main at STA 68+00 LUMP SUM -		\$ 6,743.68
C. Repair Storm Pipe – Not Located LUMP SUM -		\$ 1,207.41
D. Modify and Relocate Vault #4 - LUMP SUM -		\$ 9,500.00
E. Install 21" Line-Stop at NW 6 th and Joy Street – LUMP SUM		\$ 26,971.00
F. Replace 6" Water Main at NE 3 rd and 3 rd Place – LUMP SUM		\$ 36,719.00
G. Furnish and Install additional pipe & fittings associated with pipe route change at 3 rd Loop – L.S.		\$ 5,281.23
H. Furnish and Install 12" Diameter C-900 PVC Pipe and Thrust Block- Lump Sum		\$ 7,696.20
I. Furnish and Install 4" Ball Valve And Concrete Vault @ 6 th & Joy – Lump Sum		\$ 3,532.22
Subtotal:		\$122,650.74
8.4% Sales Tax:		\$10,302.66
Net Change in Contract Price:		\$132,995.40

A) An existing steel water main was exposed near the intersection of NE 3rd Ave and NE 3rd Place. The pipe was severely corroded, in very poor condition, and began leaking badly. City Water Operations were dispatched immediately to get the water shut off. The valves serving this pipe were also in poor condition and it took about 90 minutes for City Crews to get the water shut-off. The running water flooded our 24" pipe trench and carried a large volume of sediment into the new sewer pipe. It took several days to clean all the sediment from the pipeline, and several pipeline sections were excavated and disassembled to facilitate sediment removed from the pipe. A 3rd-party Vactor Company, Iron Horse, was retained to clean and dispose of accumulated sediment removed from the pipeline. All of the necessary work was performed by the Contractor or his agents, and observed by the City Inspector. B) An existing 18" Sanitary Sewer Main was exposed at NE 3rd and Joy Street, and was cracked and leaking. The Contractor ordered, purchased, and installed a leak clamp on the leaking pipeline. The leak required the excavation to be backfilled and covered overnight until the proper parts could be found to make repairs. Work was observed and approved in the field by the City Inspector. C) The Contractor hit and severed an un-marked storm sewer pipe north of NE 3rd and Joy Street. The pipeline was repaired as directed by the City Inspector. D) Vault #4 was relocated about 20 feet farther north than the location shown on the plans. This was done to improve public safety. Approved by SRW E) The connection of the new 24" STEP Main at NW 6th and Joy required fabrication and installation of a new Line-Stop Assembly. This work was unexpected and was required due to inaccurate information on the existing As-Built Drawings. All work was observed and approved by the Project Engineer and City Inspector. F) The Contractor replaced a 6" watermain, and related valves and fittings, across NE 3rd Avenue, near the intersection of 3rd Place. G) Additional pipe and fittings were to re-route the pipeline at 3rd Loop. Approved by SD. H) 70 L.F. of 12" diameter restrained C-900 pipe was installed immediately south of the new 12" Plug Valve, and connected to new pipe flowing to a manhole. Approved JH. I) A new 4" Tru-union Ball Valve, related fittings, and concrete vault was installed at NE 6th and Joy Street. Approved by JH.

The amount of the contract will be **increased** by the sum of: One Hundred Thirty Two Thousand, Nine Hundred Ninety Five Dollars and 40/100's (\$132,995.40)

The contract total, including the original contract total, this and previous change orders will be **increased** to Two Million, Five Hundred Fifty Eight Thousand, Thirty One 00/100 Dollars (\$2,558,031.00)

The contract period provided for completion will be **(increased)** (decreased) (unchanged): **17 days**

This document will become a supplement to the contract and all provisions will apply hereto.

Requested	<u>James Hodges</u> Project Manager	<u>3/14/2016</u> Date
Recommended	<u>Jim P. Coulter</u> Engineering Manager	<u>3/15/2016</u> Date
Accepted	<u>John M. Ford</u> Contractor	<u>3/14/16</u> Date
Approved	_____ Mayor	_____ Date

CITY OF CAMAS PROJECT NO. P-893 DESCRIPTION: WRG Trail Overlook Terrace		Michael Green Construction, Inc. P.O. Box 142 Washougal, WA 98671 Phone: (360) 817-9948 Original Contract Total: \$57,161.49 (incl. tax)									
PAY ESTIMATE #2-Final Council Meeting Date: December 21, 2015 Work Period Date: November 26, 2015 thru December 15, 2015		ORIGINAL QUANTITIES, ETC.			Previous Estimate Totals		Current Estimate Totals		Totals to Date		
ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITY	UNIT PRICE	CONTRACT TOTAL	QUANTITY PREVIOUS	TOTAL PREVIOUS	QUANTITY THIS EST.	TOTAL THIS EST.	QUANTITY TO DATE	TOTAL TO DATE
1	Mobilization	LS	1.0	\$6,000.00	\$6,000.00	1.00	\$6,000.00			1.00	\$6,000.00
2	Clearing & Grubbing	LS	1.0	\$2,800.00	\$2,800.00	1.00	\$2,800.00			1.00	\$2,800.00
3	Roadway Excavation, Incl. Haul	CY	95.0	\$60.00	\$5,700.00	95.00	\$5,700.00			95.00	\$5,700.00
4	Crushed Surfacing Base Course	CY	19.0	\$79.00	\$1,501.00			45.56	\$3,599.24	45.56	\$3,599.24
5	HMA Cl. 1/2 In. PG 64-22, 3" Depth	TON	11.0	\$230.00	\$2,530.00			15.41	\$3,544.30	15.41	\$3,544.30
6	Erosion/Water Pollution Control	LS	1.0	\$1,800.00	\$1,800.00	1.00	\$1,800.00			1.00	\$1,800.00
7	Stamped, Colored Concrete Terrace	SF	305.0	\$31.48	\$9,601.40	305.00	\$9,601.40			305.00	\$9,601.40
8	CIP, Colored Concrete Wall/Seat Walls with Textured Wall Face	SFF	140.0	\$137.14	\$19,199.60	140.00	\$19,199.60			140.00	\$19,199.60
9	Natural Rock Wall with Existing On-Site Boulders	LS	1.0	\$3,000.00	\$3,000.00	1.00	\$3,000.00			1.00	\$3,000.00
10	Remove & Relocate Existing Bench	EA	1.0	\$600.00	\$600.00						
					\$52,732.00	\$48,101.00		\$7,143.54		\$55,244.54	
ORIGINAL CONTRACT TOTAL					\$52,732.00	Previous Estimate		Current Estimate		Totals to Date	
CHANGE ORDERS					-----	CO'S To Date		CO'S To Date		CO'S To Date	
SUBTOTAL					\$52,732.00	Subtotal		Subtotal		Subtotal	
SALES TAX (8.4%)					\$4,429.49	Sales Tax (8.4%)		Sales Tax (8.4%)		Sales Tax (8.4%)	
TOTAL CONTRACT					\$57,161.49	Total =		Total =		Total =	
RETAINAGE WITHHELD (5%)					(\$2,636.60)	Retainage Withheld (5%)=		Retainage Withheld (5%)=		Retainage Withheld (5%)=	
TOTAL - RETAINAGE					\$54,524.89	Total W/O Retainage =		Total W/O Retainage =		Total W/O Retainage =	
Project Engineer		Date		Contractor		Date		Project Manager		Date	
Chrita Ashby		12/15/15		MGC		12/15/15		James Hager		12/15/15	

300-00-594-760-65

12/16/15

Retainage 300-00.223.400-00

P-893



Washington State
Department of Revenue
PO Box 47474
Olympia, WA 98504-7474

601 769 655

Certificate of Payment of State Excise Taxes by Public Works Contractor

MICHAEL GREEN CONSTRUCTION INC
PO BOX 142
WASHOUGAL WA 98671 0142

CITY OF CAMAS
ANITA ASHTON
616 NE 4TH AVE
CAMAS WA 98607

We hereby certify that taxes, increases and penalties due or to become due from the above-named contractor under Chapter 180, Laws of 1935, as amended, with respect to the following public works contract:

CITY OF CAMAS

P-893, WRG TRAIL OVERLOOK TERRACE

together with all other taxes, increases and penalties due from such contractor, have been paid in full or that they are, in the Department's opinion, readily collectible without recourse to the state's lien on the retained percentage.

This certificate is issued pursuant to the provision of Chapter 60.28 Revised Code of Washington for the sole purpose of informing the state, county, or municipal officer charged with the duty of disbursing or authorizing the payment of public funds to said contractor that the Department of Revenue hereby releases the state's lien on the retained percentage provided by this Chapter for excise taxes due from said contractor.

This certificate does not release said contractor from liability for additional tax that may be later determined to be due with respect to the above-mentioned contract or other activities.

Dated 2-4-16 at Olympia, Washington,

State of Washington
Department of Revenue

Kim Dejo
Certifying Officer

For tax assistance, visit dor.wa.gov or call 1-800-647-7706. To inquire about the availability of this document in an alternate format for the visually impaired, please call (360) 705-6715. Teletype (TTY) users may call 1-800-451-7985.



Employment Security Department

WASHINGTON STATE

February 25, 2016

City of Camas
616 NE 4th Avenue
Camas, WA 98607

Michael Green Construction
P.O. Box 142
Washougal, WA 98671

Contract #: P-893
Project Name: WRG Trail Overlook Terrace

RE: UBI: 601 796 655

This letter confirms that, as of the date shown above, you are not held liable to the Employment Security Department of the State of Washington as you have no Washington workers.

If we may be of further assistance, please call (360) 902-9450 or email publicworks@esd.wa.gov

EMPLOYMENT SECURITY DEPARTMENT

Original – Disbursing Office
Duplicate – Employer
Triplicate – Central Office Files



STATE OF WASHINGTON

DEPARTMENT OF LABOR AND INDUSTRIES

CITY OF CAMAS/A. ASHTON
ATTN: ANITA ASHTON- ENGINEER III
616 NE 4TH AVENUE
CAMAS WA 98607

Certificate of Release of the State's Lien on Public Works Contracts

With this letter, the Washington State Department of Labor & Industries approves of your release or payment of the contract amount retained from the following contractor ---

GREEN CONSTRUCTION INC
PO BOX 142
WASHOUGAL WA 98671

867,729-01 601 769 655

--- related to the following public works contract:

WRG TRAIL OVERLOOK TERRACE
P-893

This approval is for workers' compensation insurance premiums only.

L&I's prevailing wage section separately requires all contractors on the project file an affidavit of wages paid. These affidavits must be approved before retainage can be released.

In our opinion, all workers' compensation insurance premiums, increases, and penalties due to L&I from this contractor have been paid in full or are readily collectible without recourse to the state's lien on the retained percentage.**

This letter's sole purpose is to communicate our release of the state's lien to the public official responsible for paying or authorizing the payment of public funds to the contractor named above.

If we later determine that the contractor owes additional premiums related to the above-mentioned contract or other activities, the contractor is still liable for payment.

Dated March 12, 2016 at Olympia, Washington.

Contract Release Specialist, WENDY BOWE
360-902-5772 or MCWE235@LNI.WA.GOV

** Title 51 RCW authorizes L&I to collect workers' compensation insurance premiums, increases, and penalties. Chapter 60.28 RCW establishes L&I's priority regarding this lien. Chapter 39.12 RCW addresses L&I's requirement for affidavits of wages paid.

QUOTE

2016 STEP & STEF Tank Pumping Project No. WS-763

To the Office of the City Clerk
Camas, Washington

The undersigned hereby certifies that he has examined the location of STEP/STEF tank pumping maps and that the bidding documents and contract governing the work embraced in this improvement, and the method by which payment will be made for said work is understood. The undersigned hereby proposes to undertake and complete the work embraced in this improvement, or as much thereof as can be completed with the money available in accordance with the said bidding documents and contract, and the following schedule of rates and prices:

(Note: Unit prices for all items, all extensions, and total amount of bid should be shown. All entries must be typed or entered in ink.)

Item	Quantity	Description	Unit	Unit Price	Total
Base Bid items:					
1.	800	Residential STEP & STEF Tank Pumping	Each	\$ <u>97.50</u>	\$ <u>78,000.00</u>
2.	15	Emergency Residential STEP & STEF Tank Pumping	Each	\$ <u>97.50</u>	\$ <u>1,462.50</u>
3.	15	Commercial STEP & STEF Tank Pumping	1,000 Gallon	\$ <u>97.50</u>	\$ <u>1,462.50</u>

Subtotal Base Quote

80,925.00

\$ 82,387.50 JOM

8.4% Sales Tax

6,797.70

\$ 6,920.55

Total Base Quote

87,122.70

\$ 89,308.05



Signature of Owner or Authorized Corporate Officer
(This is required for a valid quote.)

Ronda L. Senger

The City of Camas reserves the right to reject any or all quotes if found to be higher than the estimated cost and to waive any formality or technicality in any proposal in the interest of the City. The City of Camas also reserves the right to delete any or all portions of individual bid items.



I, Jennifer Grosuch, hereby certify
that these bid tabulations are correct.

Jennifer Gorsuch, Deputy City Clerk Date

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					Engineer's Estimate: \$1,700,000 - \$1,870,000	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
1	Mobilization	0.67	0.33	LS	\$121,000.00	\$81,070.00
2	Minor Change (\$3,000 bid amount)	0.67	0.33	CALC	\$3,000.00	\$2,010.00
3	Roadway Surveying	0.67	0.33	LS	\$44,000.00	\$29,480.00
4	SPCC Plan	0.67	0.33	LS	\$750.00	\$502.50
5	Construction Staging and Access Plan	0.67	0.33	LS	\$8,000.00	\$5,360.00
6	Project Temporary Traffic Control	0.67	0.33	LS	\$20,000.00	\$13,400.00
7	Traffic Control Supervisor	0.67	0.33	LS	\$15,000.00	\$10,050.00
8	Flaggers	960.00	-----	HR	\$60.00	\$57,600.00
9	Portable Changeable Message Sign	400.00	740.00	HR	\$4.00	\$1,600.00
10	Construct and Remove Temporary Access Point (SR-14 On Ramp)	-----	1.00	LS	\$20,000.00	-----
11	Clearing and Grubbing	0.67	0.33	LS	\$10,000.00	\$6,700.00
12	Roadside Cleanup (\$5,000 Bid Amount)	0.67	0.33	EST	\$5,000.00	\$3,350.00
13	Removal of Structures and Obstructions	0.90	0.10	LS	\$5,000.00	\$4,500.00
14	Roadway Excavation Incl. Haul	2,840.00	1,645.00	CY	\$15.00	\$42,600.00
15	Gravel Borrow Incl. Haul	3,100.00	2,460.00	CY	\$20.00	\$62,000.00
16	Unsuitable Foundation Excavation Incl. Haul	-----	420.00	CY	\$15.00	-----
17	Crushed Surfacing Base Course	1,420.00	875.00	CY	\$40.00	\$56,800.00
18	HMA CL 1/2 In. PG 70-22	1,765.00	675.00	TON	\$95.00	\$167,675.00
19	HMA for Approach CL 1/2 In. PG 70-22	23.00	-----	TON	\$120.00	\$2,760.00
20	Commercial HMA	180.00	90.00	TON	\$100.00	\$18,000.00
21	Planing Bituminous Pavement	3,205.00	-----	SY	\$6.00	\$19,230.00
22	Cement Conc Pavement	120.00	-----	CY	\$350.00	\$42,000.00
23	Temporary Conc. Barrier	1,250.00	250.00	LF	\$25.00	\$31,250.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					Engineer's Estimate: \$1,700,000 - \$1,870,000	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
24	Landscape Wall	336.00	-----	SF	\$70.00	\$23,520.00
25	Column	6.00	-----	EA	\$5,000.00	\$30,000.00
26	Relocate Flag Pole	1.00	-----	LS	\$3,000.00	\$3,000.00
27	Ductile Iron Storm Sewer Pipe, 10 In. Diam.	50.00	-----	LF	\$50.00	\$2,500.00
28	Corrugated Polyethylene Storm Sewer Pipe, 10 In. Diam.	402.00	46.00	LF	\$40.00	\$16,080.00
29	Corrugated Polyethylene Storm Sewer Pipe, 12 In. Diam.	482.00	-----	LF	\$45.00	\$21,690.00
30	Corrugated Polyethylene Storm Sewer Pipe, 18 In. Diam.	207.00	315.00	LF	\$50.00	\$10,350.00
31	Ductile Iron Storm Sewer Pipe, 18 In. Diam.	89.00	-----	LF	\$100.00	\$8,900.00
32	Trench Safety System	1,091.00	361.00	LF	\$1.50	\$1,636.50
33	Manhole 48 In. Diam. Type 1	5.00	1.00	EA	\$2,500.00	\$12,500.00
34	Manhole 60 In. Diam. Type 3	1.00	-----	EA	\$3,200.00	\$3,200.00
35	Modified Combination Curb Inlet	5.00	-----	EA	\$2,000.00	\$10,000.00
36	Catch Basin Type 1	3.00	1.00	EA	\$1,500.00	\$4,500.00
37	Catch Basin Type 2, 48 In. Diam.	1.00	-----	EA	\$2,400.00	\$2,400.00
38	Grate Inlet Type 2	-----	1.00	EA	\$2,100.00	-----
39	Double Curb Inlet	1.00	-----	EA	\$3,000.00	\$3,000.00
40	Ditch Inlet	1.00	-----	EA	\$1,500.00	\$1,500.00
41	Locking Solid Metal Cover and Frame for Catch Basin	1.00	-----	EA	\$1,200.00	\$1,200.00
42	Adjust Inlet	1.00	-----	EA	\$500.00	\$500.00
43	Adjust Manhole	5.00	-----	EA	\$750.00	\$3,750.00
44	Connection to Drainage Structure	1.00	1.00	EA	\$1,000.00	\$1,000.00
45	Removal and Replacement of Unsuitable Material	50.00	-----	CY	\$30.00	\$1,500.00
46	Service Connection 1 In. Diam.	-----	1.00	EA	\$1,500.00	-----
47	Ductile Iron Pipe for Water Main 6 In. Diam.	-----	16.00	LF	\$60.00	-----

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					Engineer's Estimate: \$1,700,000 - \$1,870,000	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
48	Ductile Iron Pipe for Water Main 8 In. Diam.	-----	545.00	LF	\$60.00	-----
49	8-In. X 8-In. Tee	-----	1.00	EA	\$500.00	-----
50	6-In. Fitting	-----	4.00	EA	\$300.00	-----
51	8-In. Fitting	-----	6.00	EA	\$300.00	-----
52	Connect to Existing Water Main	-----	3.00	EA	\$1,000.00	-----
53	Gate Valve 8 In.	-----	4.00	EA	\$1,000.00	-----
54	Adjust Valve Box	-----	4.00	EA	\$300.00	-----
55	Relocate Water Meter and Box	-----	3.00	EA	\$1,000.00	-----
56	Relocate Irrigation Control	-----	1.00	LS	\$3,000.00	-----
57	Compost Amended Biofiltration Swale	-----	1.00	LS	\$15,000.00	-----
58	ESC Lead	20.00	5.00	DAY	\$100.00	\$2,000.00
59	Street Cleaning	40.00	10.00	HR	\$100.00	\$4,000.00
60	Inlet Protection	18.00	2.00	EA	\$80.00	\$1,440.00
61	Stabilized Construction Entrance	-----	160.00	SY	\$25.00	-----
62	Silt Fence	1,000.00	1,430.00	LF	\$5.00	\$5,000.00
63	Wattle	-----	96.00	LF	\$5.00	-----
64	Seeding, Fertilizing, and Mulching	0.47	0.62	ACRE	\$5,000.00	\$2,350.00
65	Topsoil	167.00	27.00	CY	\$40.00	\$6,680.00
66	Compost	57.00	9.00	CY	\$35.00	\$1,995.00
67	Bark Mulch	84.00	13.00	CY	\$40.00	\$3,360.00
68	PSIPE Betulus utilis var jacquemontii - 2" Caliper	13.00	3.00	EA	\$450.00	\$5,850.00
69	PSIPE Cistus x purpureus - 5 Gallon	137.00	23.00	EA	\$40.00	\$5,480.00
70	PSIPE Berberis thunbergii 'Crimson Pygmy' - 2 Gallon	35.00	19.00	EA	\$22.00	\$770.00
71	PSIPE Mahonia repens - 2 Gallon	35.00	6.00	EA	\$22.00	\$770.00
72	PSIPE Spiraea japonica 'Limemound' - 2 Gallon	54.00	17.00	EA	\$22.00	\$1,188.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					Engineer's Estimate: \$1,700,000 - \$1,870,000	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
73	PSIPE Arctostaphylos uva-ursi - 4" Pot	451.00	133.00	EA	\$7.00	\$3,157.00
74	Plant Establishment - 2nd year	1.00	-----	LS	\$10,000.00	\$10,000.00
75	Irrigation System	1.00	-----	LS	\$20,000.00	\$20,000.00
76	Cement Conc. Traffic Curb and Gutter	545.00	1,415.00	LF	\$15.00	\$8,175.00
77	Cement Conc. Traffic Curb	80.00	-----	LF	\$15.00	\$1,200.00
78	Roundabout Central Island Cement Concrete Curb	236.00	-----	LF	\$40.00	\$9,440.00
79	Roundabout Truck Apron Cem. Conc. Curb & Gutter	330.00	-----	LF	\$20.00	\$6,600.00
80	Roundabout Cement Concrete Curb & Gutter	1,350.00	640.00	LF	\$20.00	\$27,000.00
81	Roundabout Splitter Island Nosing Curb	3.00	-----	EA	\$400.00	\$1,200.00
82	Cement Conc. Driveway Entrance Type 1	1.00	-----	EA	\$2,300.00	\$2,300.00
83	Raised Pavement Marker Type 2	0.30	1.50	HUND	\$750.00	\$225.00
84	Monument Case & Cover	-----	4.00	EA	\$1,000.00	-----
85	Cement Conc. Sidewalk	505.00	-----	SY	\$35.00	\$17,675.00
86	Cement Conc. Sidewalk - Thickened	1,020.00	-----	SY	\$40.00	\$40,800.00
87	Cement Conc. Curb Ramp Type 1	2.00	-----	EA	\$1,200.00	\$2,400.00
88	Cement Conc. Curb Ramp Modified	11.00	-----	EA	\$1,200.00	\$13,200.00
89	Detectable Warning Surface	102.00	-----	SF	\$25.00	\$2,550.00
90	Temporary Impace Attenuator	1.00	1.00	EA	\$1,500.00	\$1,500.00
91	Illumination System	0.74	0.26	LS	\$84,000.00	\$62,160.00
92	Permanent Signing	0.78	0.22	LS	\$27,000.00	\$21,060.00
93	Paint Line	2,900.00	-----	LF	\$0.50	\$1,450.00
94	Plastic Line	-----	5,200.00	LF	\$2.50	-----
95	Painted Wide Lane Line	215.00	-----	LF	\$1.50	\$322.50
96	Plastic Wide Lane Line	-----	1,300.00	LF	\$3.50	-----
97	Plastic Stop Line	50.00	33.00	LF	\$10.00	\$500.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					Engineer's Estimate: \$1,700,000 - \$1,870,000	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
98	Plastic Crosswalk Line	700.00	-----	SF	\$6.00	\$4,200.00
99	Plastic Crosshatch Marking	-----	740.00	LF	\$6.00	-----
100	Plastic Traffic Arrow	7.00	7.00	EA	\$200.00	\$1,400.00
101	Removing Paint Line	-----	3,950.00	LF	\$1.00	-----
102	Temporary Pavement Marking-Long Duration	5,100.00	3,800.00	LF	\$0.50	\$2,550.00

SUBTOTALS**\$1,122,611.50****RULE 172 SALES TAX (8.4%)****TOTALS****\$1,122,611.50****BASE BID TOTAL (Items 1-102 Add Both Columns)****Additive Alternate #1**

103	Gravel Borrow Incl. Haul	25.00		CY	\$20.00	\$500.00
104	Crushed Surfacing Base Course	290.00		CY	\$40.00	\$11,600.00
105	HMA CL 1/2 In. GP 70-22	150.00		TON	\$95.00	\$14,250.00

ADDITIVE ALTERNATE #1 TOTAL (Bid Items 103-105)**\$26,350.00****Additive Alternate #2**

106	Cement Concrete Pavement	385.00		CY	\$350.00	\$134,750.00
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PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div>March 29, 2016, at 10:00 a.m.</div>					Engineer's Estimate: \$1,700,000 - \$1,870,000	
<div>Ent. By</div> <div>RLS</div>						
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171

ADDITIVE ALTERNATE #2 TOTAL (Bid Item 106)

\$134,750.00

Additive Alternate #3

107	Banner Pole	1.00		LS	\$12,000.00	\$12,000.00
108	Cement Conc. Sidewalk	380.00		SY	\$35.00	\$13,300.00
109	Illumination System	1.00		LS	\$38,000.00	\$38,000.00

ADDITIVE ALTERNATE #3 TOTAL (Bid Item 107-109)

\$63,300.00

BASE BID TOTAL

ALTERNATE #1 - TOTAL

ALTERNATE #2 - TOTAL

ALTERNATE #3 - TOTAL

Basis of Award will be the Base Bid plus any Alternates selected by the City of Camas. The City will select Altern but not both. Alternate A3 will be awarded at the option of the City of Camas.

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>						McDonald Excavati 2719 Main St. Washougal, WA 360.835.8794
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172	UNIT PRICE
1	Mobilization	0.67	0.33	LS	\$39,930.00	\$178,000.00
2	Minor Change (\$3,000 bid amount)	0.67	0.33	CALC	\$990.00	\$3,000.00
3	Roadway Surveying	0.67	0.33	LS	\$14,520.00	\$23,000.00
4	SPCC Plan	0.67	0.33	LS	\$247.50	\$355.00
5	Construction Staging and Access Plan	0.67	0.33	LS	\$2,640.00	\$355.00
6	Project Temporary Traffic Control	0.67	0.33	LS	\$6,600.00	\$20,800.00
7	Traffic Control Supervisor	0.67	0.33	LS	\$4,950.00	\$10,000.00
8	Flaggers	960.00	-----	HR	-----	\$52.35
9	Portable Changeable Message Sign	400.00	740.00	HR	\$2,960.00	\$3.40
10	Construct and Remove Temporary Access Point (SR-14 On Ramp)	-----	1.00	LS	\$20,000.00	\$31,300.00
11	Clearing and Grubbing	0.67	0.33	LS	\$3,300.00	\$11,130.00
12	Roadside Cleanup (\$5,000 Bid Amount)	0.67	0.33	EST	\$1,650.00	\$5,000.00
13	Removal of Structures and Obstructions	0.90	0.10	LS	\$500.00	\$11,880.00
14	Roadway Excavation Incl. Haul	2,840.00	1,645.00	CY	\$24,675.00	\$28.00
15	Gravel Borrow Incl. Haul	3,100.00	2,460.00	CY	\$49,200.00	\$21.50
16	Unsuitable Foundation Excavation Incl. Haul	-----	420.00	CY	\$6,300.00	\$17.00
17	Crushed Surfacing Base Course	1,420.00	875.00	CY	\$35,000.00	\$45.00
18	HMA CL 1/2 In. PG 70-22	1,765.00	675.00	TON	\$64,125.00	\$92.00
19	HMA for Approach CL 1/2 In. PG 70-22	23.00	-----	TON	-----	\$150.00
20	Commercial HMA	180.00	90.00	TON	\$9,000.00	\$95.00
21	Planing Bituminous Pavement	3,205.00	-----	SY	-----	\$2.80
22	Cement Conc Pavement	120.00	-----	CY	-----	\$450.00
23	Temporary Conc. Barrier	1,250.00	250.00	LF	\$6,250.00	\$30.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: March 29, 2016, at 10:00 a.m.					Ent. By RLS	McDonald Excavati 2719 Main St. Washougal, WA 360.835.8794
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172	UNIT PRICE
24	Landscape Wall	336.00	-----	SF	-----	\$90.00
25	Column	6.00	-----	EA	-----	\$4,150.00
26	Relocate Flag Pole	1.00	-----	LS	-----	\$2,500.00
27	Ductile Iron Storm Sewer Pipe, 10 In. Diam.	50.00	-----	LF	-----	\$75.00
28	Corrugated Polyethylene Storm Sewer Pipe, 10 In. Diam.	402.00	46.00	LF	\$1,840.00	\$60.00
29	Corrugated Polyethylene Storm Sewer Pipe, 12 In. Diam.	482.00	-----	LF	-----	\$60.00
30	Corrugated Polyethylene Storm Sewer Pipe, 18 In. Diam.	207.00	315.00	LF	\$15,750.00	\$82.00
31	Ductile Iron Storm Sewer Pipe, 18 In. Diam.	89.00	-----	LF	-----	\$110.00
32	Trench Safety System	1,091.00	361.00	LF	\$541.50	\$1.00
33	Manhole 48 In. Diam. Type 1	5.00	1.00	EA	\$2,500.00	\$3,750.00
34	Manhole 60 In. Diam. Type 3	1.00	-----	EA	-----	\$4,400.00
35	Modified Combination Curb Inlet	5.00	-----	EA	-----	\$2,250.00
36	Catch Basin Type 1	3.00	1.00	EA	\$1,500.00	\$1,820.00
37	Catch Basin Type 2, 48 In. Diam.	1.00	-----	EA	-----	\$3,915.00
38	Grate Inlet Type 2	-----	1.00	EA	\$2,100.00	\$4,080.00
39	Double Curb Inlet	1.00	-----	EA	-----	\$2,910.00
40	Ditch Inlet	1.00	-----	EA	-----	\$2,650.00
41	Locking Solid Metal Cover and Frame for Catch Basin	1.00	-----	EA	-----	\$310.00
42	Adjust Inlet	1.00	-----	EA	-----	\$150.00
43	Adjust Manhole	5.00	-----	EA	-----	\$265.00
44	Connection to Drainage Structure	1.00	1.00	EA	\$1,000.00	\$1,020.00
45	Removal and Replacement of Unsuitable Material	50.00	-----	CY	-----	\$58.00
46	Service Connection 1 In. Diam.	-----	1.00	EA	\$1,500.00	\$1,900.00
47	Ductile Iron Pipe for Water Main 6 In. Diam.	-----	16.00	LF	\$960.00	\$55.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>						McDonald Excavati 2719 Main St. Washougal, WA 360.835.8794
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172	UNIT PRICE
48	Ductile Iron Pipe for Water Main 8 In. Diam.	-----	545.00	LF	\$32,700.00	\$62.00
49	8-In. X 8-In. Tee	-----	1.00	EA	\$500.00	\$555.00
50	6-In. Fitting	-----	4.00	EA	\$1,200.00	\$92.00
51	8-In. Fitting	-----	6.00	EA	\$1,800.00	\$204.00
52	Connect to Existing Water Main	-----	3.00	EA	\$3,000.00	\$795.00
53	Gate Valve 8 In.	-----	4.00	EA	\$4,000.00	\$1,050.00
54	Adjust Valve Box	-----	4.00	EA	\$1,200.00	\$54.00
55	Relocate Water Meter and Box	-----	3.00	EA	\$3,000.00	\$625.00
56	Relocate Irrigation Control	-----	1.00	LS	\$3,000.00	\$565.00
57	Compost Amended Biofiltration Swale	-----	1.00	LS	\$15,000.00	\$12,170.00
58	ESC Lead	20.00	5.00	DAY	\$500.00	\$75.00
59	Street Cleaning	40.00	10.00	HR	\$1,000.00	\$110.00
60	Inlet Protection	18.00	2.00	EA	\$160.00	\$85.00
61	Stabilized Construction Entrance	-----	160.00	SY	\$4,000.00	\$22.00
62	Silt Fence	1,000.00	1,430.00	LF	\$7,150.00	\$2.50
63	Wattle	-----	96.00	LF	\$480.00	\$4.50
64	Seeding, Fertilizing, and Mulching	0.47	0.62	ACRE	\$3,100.00	\$4,500.00
65	Topsoil	167.00	27.00	CY	\$1,080.00	\$45.00
66	Compost	57.00	9.00	CY	\$315.00	\$45.00
67	Bark Mulch	84.00	13.00	CY	\$520.00	\$45.00
68	PSIPE Betulus utilis var jacquemontii - 2" Caliper	13.00	3.00	EA	\$1,350.00	\$260.00
69	PSIPE Cistus x purpureus - 5 Gallon	137.00	23.00	EA	\$920.00	\$32.00
70	PSIPE Berberis thunbergii 'Crimson Pygmy' - 2 Gallon	35.00	19.00	EA	\$418.00	\$25.00
71	PSIPE Mahonia repens - 2 Gallon	35.00	6.00	EA	\$132.00	\$25.00
72	PSIPE Spiraea japonica 'Limemound' - 2 Gallon	54.00	17.00	EA	\$374.00	\$25.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>						McDonald Excavati 2719 Main St. Washougal, WA 360.835.8794
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172	UNIT PRICE
73	PSIPE Arctostaphylos uva-ursi - 4" Pot	451.00	133.00	EA	\$931.00	\$5.00
74	Plant Establishment - 2nd year	1.00	-----	LS	-----	\$6,500.00
75	Irrigation System	1.00	-----	LS	-----	\$16,000.00
76	Cement Conc. Traffic Curb and Gutter	545.00	1,415.00	LF	\$21,225.00	\$20.00
77	Cement Conc. Traffic Curb	80.00	-----	LF	-----	\$30.00
78	Roundabout Central Island Cement Concrete Curb	236.00	-----	LF	-----	\$70.00
79	Roundabout Truck Apron Cem. Conc. Curb & Gutter	330.00	-----	LF	-----	\$27.00
80	Roundabout Cement Concrete Curb & Gutter	1,350.00	640.00	LF	\$12,800.00	\$20.00
81	Roundabout Splitter Island Nosing Curb	3.00	-----	EA	-----	\$500.00
82	Cement Conc. Driveway Entrance Type 1	1.00	-----	EA	-----	\$4,350.00
83	Raised Pavement Marker Type 2	0.30	1.50	HUND	\$1,125.00	\$600.00
84	Monument Case & Cover	-----	4.00	EA	\$4,000.00	\$650.00
85	Cement Conc. Sidewalk	505.00	-----	SY	-----	\$63.00
86	Cement Conc. Sidewalk - Thickened	1,020.00	-----	SY	-----	\$74.00
87	Cement Conc. Curb Ramp Type 1	2.00	-----	EA	-----	\$2,750.00
88	Cement Conc. Curb Ramp Modified	11.00	-----	EA	-----	\$2,750.00
89	Detectable Warning Surface	102.00	-----	SF	-----	\$28.00
90	Temporary Impace Attenuator	1.00	1.00	EA	\$1,500.00	\$3,300.00
91	Illumination System	0.74	0.26	LS	\$21,840.00	\$101,000.00
92	Permanent Signing	0.78	0.22	LS	\$5,940.00	\$34,500.00
93	Paint Line	2,900.00	-----	LF	-----	\$0.56
94	Plastic Line	-----	5,200.00	LF	\$13,000.00	\$0.90
95	Painted Wide Lane Line	215.00	-----	LF	-----	\$1.30
96	Plastic Wide Lane Line	-----	1,300.00	LF	\$4,550.00	\$1.68
97	Plastic Stop Line	50.00	33.00	LF	\$330.00	\$5.25

PROJECT NO. S-584						McDonald Excavati 2719 Main St. Washougal, WA
DESCRIPTION: NW 6th/Norwood Intersection Improvements						
DATE OF BID OPENING:		Ent. By				
	March 29, 2016, at 10:00 a.m.			RLS		360.835.8794
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172	UNIT PRICE
98	Plastic Crosswalk Line	700.00	-----	SF	-----	\$4.50
99	Plastic Crosshatch Marking	-----	740.00	LF	\$4,440.00	\$1.00
100	Plastic Traffic Arrow	7.00	7.00	EA	\$1,400.00	\$170.00
101	Removing Paint Line	-----	3,950.00	LF	\$3,950.00	\$0.55
102	Temporary Pavement Marking-Long Duration	5,100.00	3,800.00	LF	\$1,900.00	\$0.50

SUBTOTALS **\$506,359.00**

RULE 172 SALES TAX (8.4%) **\$42,534.16**

TOTALS **\$548,893.16**

BASE BID TOTAL (Items 1-102 Add Both Columns) **\$1,671,504.66**

Additive Alternate #1

103	Gravel Borrow Incl. Haul	25.00		CY	-----	\$31.00
104	Crushed Surfacing Base Course	290.00		CY	-----	\$45.00
105	HMA CL 1/2 In. GP 70-22	150.00		TON	-----	\$100.00

ADDITIVE ALTERNATE #1 TOTAL (Bid Items 103-105)

Additive Alternate #2

106	Cement Concrete Pavement	385.00		CY	-----	\$500.00
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PROJECT NO. S-584						McDonald Excavati 2719 Main St. Washougal, WA
DESCRIPTION: NW 6th/Norwood Intersection Improvements						
DATE OF BID OPENING:		Ent. By				
	March 29, 2016, at 10:00 a.m.			RLS		360.835.8794
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172	UNIT PRICE
ADDITIVE ALTERNATE #2 TOTAL (Bid Item 106)						

Additive Alternate #3

107	Banner Pole	1.00		LS	-----	\$18,715.00
108	Cement Conc. Sidewalk	380.00		SY	-----	\$64.00
109	Illumination System	1.00		LS	-----	\$50,000.00

ADDITIVE ALTERNATE #3 TOTAL (Bid Item 107-109)

BASE BID TOTAL **\$1,671,504.66**

ALTERNATE #1 - TOTAL **\$26,350.00**

ALTERNATE #2 - TOTAL **\$134,750.00**

ALTERNATE #3 - TOTAL **\$63,300.00**

Basis of Award will be the Base Bid plus any Alternates selected by the City of Canate A1 or A2, but not both. Alternate A3 will be awarded at the option of the City of Camas.

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					ng, Inc. 98671	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 171	TOTAL Rule 172
1	Mobilization	0.67	0.33	LS	\$119,260.00	\$58,740.00
2	Minor Change (\$3,000 bid amount)	0.67	0.33	CALC	\$2,000.00	\$1,000.00
3	Roadway Surveying	0.67	0.33	LS	\$15,410.00	\$7,590.00
4	SPCC Plan	0.67	0.33	LS	\$237.85	\$117.15
5	Construction Staging and Access Plan	0.67	0.33	LS	\$237.85	\$117.15
6	Project Temporary Traffic Control	0.67	0.33	LS	\$13,936.00	\$6,864.00
7	Traffic Control Supervisor	0.67	0.33	LS	\$6,700.00	\$3,300.00
8	Flaggers	960.00	-----	HR	\$50,256.00	-----
9	Portable Changeable Message Sign	400.00	740.00	HR	\$1,360.00	\$2,516.00
10	Construct and Remove Temporary Access Point (SR-14 On Ramp)	-----	1.00	LS	-----	\$31,300.00
11	Clearing and Grubbing	0.67	0.33	LS	\$7,457.10	\$3,672.90
12	Roadside Cleanup (\$5,000 Bid Amount)	0.67	0.33	EST	\$3,350.00	\$1,650.00
13	Removal of Structures and Obstructions	0.90	0.10	LS	\$10,692.00	\$1,188.00
14	Roadway Excavation Incl. Haul	2,840.00	1,645.00	CY	\$79,520.00	\$46,060.00
15	Gravel Borrow Incl. Haul	3,100.00	2,460.00	CY	\$66,650.00	\$52,890.00
16	Unsuitable Foundation Excavation Incl. Haul	-----	420.00	CY	-----	\$7,140.00
17	Crushed Surfacing Base Course	1,420.00	875.00	CY	\$63,900.00	\$39,375.00
18	HMA CL 1/2 In. PG 70-22	1,765.00	675.00	TON	\$162,380.00	\$62,100.00
19	HMA for Approach CL 1/2 In. PG 70-22	23.00	-----	TON	\$3,450.00	-----
20	Commercial HMA	180.00	90.00	TON	\$17,100.00	\$8,550.00
21	Planing Bituminous Pavement	3,205.00	-----	SY	\$8,974.00	-----
22	Cement Conc Pavement	120.00	-----	CY	\$54,000.00	-----
23	Temporary Conc. Barrier	1,250.00	250.00	LF	\$37,500.00	\$7,500.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div>March 29, 2016, at 10:00 a.m.</div>					ng, Inc. 98671	
Ent. By RLS						
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 171	TOTAL Rule 172
24	Landscape Wall	336.00	-----	SF	\$30,240.00	-----
25	Column	6.00	-----	EA	\$24,900.00	-----
26	Relocate Flag Pole	1.00	-----	LS	\$2,500.00	-----
27	Ductile Iron Storm Sewer Pipe, 10 In. Diam.	50.00	-----	LF	\$3,750.00	-----
28	Corrugated Polyethylene Storm Sewer Pipe, 10 In. Diam.	402.00	46.00	LF	\$24,120.00	\$2,760.00
29	Corrugated Polyethylene Storm Sewer Pipe, 12 In. Diam.	482.00	-----	LF	\$28,920.00	-----
30	Corrugated Polyethylene Storm Sewer Pipe, 18 In. Diam.	207.00	315.00	LF	\$16,974.00	\$25,830.00
31	Ductile Iron Storm Sewer Pipe, 18 In. Diam.	89.00	-----	LF	\$9,790.00	-----
32	Trench Safety System	1,091.00	361.00	LF	\$1,091.00	\$361.00
33	Manhole 48 In. Diam. Type 1	5.00	1.00	EA	\$18,750.00	\$3,750.00
34	Manhole 60 In. Diam. Type 3	1.00	-----	EA	\$4,400.00	-----
35	Modified Combination Curb Inlet	5.00	-----	EA	\$11,250.00	-----
36	Catch Basin Type 1	3.00	1.00	EA	\$5,460.00	\$1,820.00
37	Catch Basin Type 2, 48 In. Diam.	1.00	-----	EA	\$3,915.00	-----
38	Grate Inlet Type 2	-----	1.00	EA	-----	\$4,080.00
39	Double Curb Inlet	1.00	-----	EA	\$2,910.00	-----
40	Ditch Inlet	1.00	-----	EA	\$2,650.00	-----
41	Locking Solid Metal Cover and Frame for Catch Basin	1.00	-----	EA	\$310.00	-----
42	Adjust Inlet	1.00	-----	EA	\$150.00	-----
43	Adjust Manhole	5.00	-----	EA	\$1,325.00	-----
44	Connection to Drainage Structure	1.00	1.00	EA	\$1,020.00	\$1,020.00
45	Removal and Replacement of Unsuitable Material	50.00	-----	CY	\$2,900.00	-----
46	Service Connection 1 In. Diam.	-----	1.00	EA	-----	\$1,900.00
47	Ductile Iron Pipe for Water Main 6 In. Diam.	-----	16.00	LF	-----	\$880.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					ng, Inc. 98671	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 171	TOTAL Rule 172
48	Ductile Iron Pipe for Water Main 8 In. Diam.	-----	545.00	LF	-----	\$33,790.00
49	8-In. X 8-In. Tee	-----	1.00	EA	-----	\$555.00
50	6-In. Fitting	-----	4.00	EA	-----	\$368.00
51	8-In. Fitting	-----	6.00	EA	-----	\$1,224.00
52	Connect to Existing Water Main	-----	3.00	EA	-----	\$2,385.00
53	Gate Valve 8 In.	-----	4.00	EA	-----	\$4,200.00
54	Adjust Valve Box	-----	4.00	EA	-----	\$216.00
55	Relocate Water Meter and Box	-----	3.00	EA	-----	\$1,875.00
56	Relocate Irrigation Control	-----	1.00	LS	-----	\$565.00
57	Compost Amended Biofiltration Swale	-----	1.00	LS	-----	\$12,170.00
58	ESC Lead	20.00	5.00	DAY	\$1,500.00	\$375.00
59	Street Cleaning	40.00	10.00	HR	\$4,400.00	\$1,100.00
60	Inlet Protection	18.00	2.00	EA	\$1,530.00	\$170.00
61	Stabilized Construction Entrance	-----	160.00	SY	-----	\$3,520.00
62	Silt Fence	1,000.00	1,430.00	LF	\$2,500.00	\$3,575.00
63	Wattle	-----	96.00	LF	-----	\$432.00
64	Seeding, Fertilizing, and Mulching	0.47	0.62	ACRE	\$2,115.00	\$2,790.00
65	Topsoil	167.00	27.00	CY	\$7,515.00	\$1,215.00
66	Compost	57.00	9.00	CY	\$2,565.00	\$405.00
67	Bark Mulch	84.00	13.00	CY	\$3,780.00	\$585.00
68	PSIPE Betulus utilis var jacquemontii - 2" Caliper	13.00	3.00	EA	\$3,380.00	\$780.00
69	PSIPE Cistus x purpureus - 5 Gallon	137.00	23.00	EA	\$4,384.00	\$736.00
70	PSIPE Berberis thunbergii 'Crimson Pygmy' - 2 Gallon	35.00	19.00	EA	\$875.00	\$475.00
71	PSIPE Mahonia repens - 2 Gallon	35.00	6.00	EA	\$875.00	\$150.00
72	PSIPE Spiraea japonica 'Limemound' - 2 Gallon	54.00	17.00	EA	\$1,350.00	\$425.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					ng, Inc. 98671	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 171	TOTAL Rule 172
73	PSIPE Arctostaphylos uva-ursi - 4" Pot	451.00	133.00	EA	\$2,255.00	\$665.00
74	Plant Establishment - 2nd year	1.00	-----	LS	\$6,500.00	-----
75	Irrigation System	1.00	-----	LS	\$16,000.00	-----
76	Cement Conc. Traffic Curb and Gutter	545.00	1,415.00	LF	\$10,900.00	\$28,300.00
77	Cement Conc. Traffic Curb	80.00	-----	LF	\$2,400.00	-----
78	Roundabout Central Island Cement Concrete Curb	236.00	-----	LF	\$16,520.00	-----
79	Roundabout Truck Apron Cem. Conc. Curb & Gutter	330.00	-----	LF	\$8,910.00	-----
80	Roundabout Cement Concrete Curb & Gutter	1,350.00	640.00	LF	\$27,000.00	\$12,800.00
81	Roundabout Splitter Island Nosing Curb	3.00	-----	EA	\$1,500.00	-----
82	Cement Conc. Driveway Entrance Type 1	1.00	-----	EA	\$4,350.00	-----
83	Raised Pavement Marker Type 2	0.30	1.50	HUND	\$180.00	\$900.00
84	Monument Case & Cover	-----	4.00	EA	-----	\$2,600.00
85	Cement Conc. Sidewalk	505.00	-----	SY	\$31,815.00	-----
86	Cement Conc. Sidewalk - Thickened	1,020.00	-----	SY	\$75,480.00	-----
87	Cement Conc. Curb Ramp Type 1	2.00	-----	EA	\$5,500.00	-----
88	Cement Conc. Curb Ramp Modified	11.00	-----	EA	\$30,250.00	-----
89	Detectable Warning Surface	102.00	-----	SF	\$2,856.00	-----
90	Temporary Impace Attenuator	1.00	1.00	EA	\$3,300.00	\$3,300.00
91	Illumination System	0.74	0.26	LS	\$74,740.00	\$26,260.00
92	Permanent Signing	0.78	0.22	LS	\$26,910.00	\$7,590.00
93	Paint Line	2,900.00	-----	LF	\$1,624.00	-----
94	Plastic Line	-----	5,200.00	LF	-----	\$4,680.00
95	Painted Wide Lane Line	215.00	-----	LF	\$279.50	-----
96	Plastic Wide Lane Line	-----	1,300.00	LF	-----	\$2,184.00
97	Plastic Stop Line	50.00	33.00	LF	\$262.50	\$173.25

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ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 171	TOTAL Rule 172
98	Plastic Crosswalk Line	700.00	-----	SF	\$3,150.00	-----
99	Plastic Crosshatch Marking	-----	740.00	LF	-----	\$740.00
100	Plastic Traffic Arrow	7.00	7.00	EA	\$1,190.00	\$1,190.00
101	Removing Paint Line	-----	3,950.00	LF	-----	\$2,172.50
102	Temporary Pavement Marking-Long Duration	5,100.00	3,800.00	LF	\$2,550.00	\$1,900.00

SUBTOTALS **\$1,314,886.80 \$553,606.95**

RULE 172 SALES TAX (8.4%) **\$46,502.98**

TOTALS **\$1,314,886.80 \$600,109.93**

BASE BID TOTAL (Items 1-102 Add Both Columns) **\$1,914,996.73**

Additive Alternate #1

103	Gravel Borrow Incl. Haul	25.00		CY	\$775.00	-----
104	Crushed Surfacing Base Course	290.00		CY	\$13,050.00	-----
105	HMA CL 1/2 In. GP 70-22	150.00		TON	\$15,000.00	-----

ADDITIVE ALTERNATE #1 TOTAL (Bid Items 103-105) **\$28,825.00**

Additive Alternate #2

106	Cement Concrete Pavement	385.00		CY	\$192,500.00	-----
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Ent. By RLS						
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 171	TOTAL Rule 172
ADDITIVE ALTERNATE #2 TOTAL (Bid Item 106)					\$192,500.00	

Additive Alternate #3

107	Banner Pole	1.00		LS	\$18,715.00	-----
108	Cement Conc. Sidewalk	380.00		SY	\$24,320.00	-----
109	Illumination System	1.00		LS	\$50,000.00	-----

ADDITIVE ALTERNATE #3 TOTAL (Bid Item 107-109) \$93,035.00

BASE BID TOTAL **\$1,914,996.73**

ALTERNATE #1 - TOTAL **\$28,825.00**

ALTERNATE #2 - TOTAL **\$192,500.00**

ALTERNATE #3 - TOTAL **\$93,035.00**

Basis of Award will be the Base Bid plus any Alternates selected by the City of Can but not both. Alternate A3 will be awarded at the option of the City of Camas.

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					Tapani, Inc. PO Box 1900 Battle Ground, WA 98604 360.687.1148	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
1	Mobilization	0.67	0.33	LS	\$130,000.00	\$87,100.00
2	Minor Change (\$3,000 bid amount)	0.67	0.33	CALC	\$3,000.00	\$2,000.00
3	Roadway Surveying	0.67	0.33	LS	\$40,000.00	\$26,800.00
4	SPCC Plan	0.67	0.33	LS	\$1,000.00	\$670.00
5	Construction Staging and Access Plan	0.67	0.33	LS	\$1,000.00	\$670.00
6	Project Temporary Traffic Control	0.67	0.33	LS	\$10,000.00	\$6,700.00
7	Traffic Control Supervisor	0.67	0.33	LS	\$10,000.00	\$6,700.00
8	Flaggers	960.00	-----	HR	\$52.00	\$49,920.00
9	Portable Changeable Message Sign	400.00	740.00	HR	\$3.00	\$1,200.00
10	Construct and Remove Temporary Access Point (SR-14 On Ramp)	-----	1.00	LS	\$43,000.00	-----
11	Clearing and Grubbing	0.67	0.33	LS	\$7,500.00	\$5,025.00
12	Roadside Cleanup (\$5,000 Bid Amount)	0.67	0.33	EST	\$5,000.00	\$3,350.00
13	Removal of Structures and Obstructions	0.90	0.10	LS	\$20,000.00	\$18,000.00
14	Roadway Excavation Incl. Haul	2,840.00	1,645.00	CY	\$22.00	\$62,480.00
15	Gravel Borrow Incl. Haul	3,100.00	2,460.00	CY	\$30.00	\$93,000.00
16	Unsuitable Foundation Excavation Incl. Haul	-----	420.00	CY	\$22.00	-----
17	Crushed Surfacing Base Course	1,420.00	875.00	CY	\$45.00	\$63,900.00
18	HMA CL 1/2 In. PG 70-22	1,765.00	675.00	TON	\$95.00	\$167,675.00
19	HMA for Approach CL 1/2 In. PG 70-22	23.00	-----	TON	\$160.00	\$3,680.00
20	Commercial HMA	180.00	90.00	TON	\$105.00	\$18,900.00
21	Planing Bituminous Pavement	3,205.00	-----	SY	\$4.00	\$12,820.00
22	Cement Conc Pavement	120.00	-----	CY	\$500.00	\$60,000.00
23	Temporary Conc. Barrier	1,250.00	250.00	LF	\$20.00	\$25,000.00

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ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
24	Landscape Wall	336.00	-----	SF	\$220.00	\$73,920.00
25	Column	6.00	-----	EA	\$7,000.00	\$42,000.00
26	Relocate Flag Pole	1.00	-----	LS	\$5,500.00	\$5,500.00
27	Ductile Iron Storm Sewer Pipe, 10 In. Diam.	50.00	-----	LF	\$65.00	\$3,250.00
28	Corrugated Polyethylene Storm Sewer Pipe, 10 In. Diam.	402.00	46.00	LF	\$50.00	\$20,100.00
29	Corrugated Polyethylene Storm Sewer Pipe, 12 In. Diam.	482.00	-----	LF	\$60.00	\$28,920.00
30	Corrugated Polyethylene Storm Sewer Pipe, 18 In. Diam.	207.00	315.00	LF	\$75.00	\$15,525.00
31	Ductile Iron Storm Sewer Pipe, 18 In. Diam.	89.00	-----	LF	\$130.00	\$11,570.00
32	Trench Safety System	1,091.00	361.00	LF	\$2.00	\$2,182.00
33	Manhole 48 In. Diam. Type 1	5.00	1.00	EA	\$2,700.00	\$13,500.00
34	Manhole 60 In. Diam. Type 3	1.00	-----	EA	\$4,300.00	\$4,300.00
35	Modified Combination Curb Inlet	5.00	-----	EA	\$3,100.00	\$15,500.00
36	Catch Basin Type 1	3.00	1.00	EA	\$2,000.00	\$6,000.00
37	Catch Basin Type 2, 48 In. Diam.	1.00	-----	EA	\$3,400.00	\$3,400.00
38	Grate Inlet Type 2	-----	1.00	EA	\$3,200.00	-----
39	Double Curb Inlet	1.00	-----	EA	\$3,500.00	\$3,500.00
40	Ditch Inlet	1.00	-----	EA	\$2,000.00	\$2,000.00
41	Locking Solid Metal Cover and Frame for Catch Basin	1.00	-----	EA	\$850.00	\$850.00
42	Adjust Inlet	1.00	-----	EA	\$550.00	\$550.00
43	Adjust Manhole	5.00	-----	EA	\$550.00	\$2,750.00
44	Connection to Drainage Structure	1.00	1.00	EA	\$1,200.00	\$1,200.00
45	Removal and Replacement of Unsuitable Material	50.00	-----	CY	\$65.00	\$3,250.00
46	Service Connection 1 In. Diam.	-----	1.00	EA	\$1,500.00	-----
47	Ductile Iron Pipe for Water Main 6 In. Diam.	-----	16.00	LF	\$70.00	-----

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ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
48	Ductile Iron Pipe for Water Main 8 In. Diam.	-----	545.00	LF	\$75.00	-----
49	8-In. X 8-In. Tee	-----	1.00	EA	\$500.00	-----
50	6-In. Fitting	-----	4.00	EA	\$275.00	-----
51	8-In. Fitting	-----	6.00	EA	\$350.00	-----
52	Connect to Existing Water Main	-----	3.00	EA	\$1,800.00	-----
53	Gate Valve 8 In.	-----	4.00	EA	\$1,300.00	-----
54	Adjust Valve Box	-----	4.00	EA	\$350.00	-----
55	Relocate Water Meter and Box	-----	3.00	EA	\$1,100.00	-----
56	Relocate Irrigation Control	-----	1.00	LS	\$800.00	-----
57	Compost Amended Biofiltration Swale	-----	1.00	LS	\$20,000.00	-----
58	ESC Lead	20.00	5.00	DAY	\$30.00	\$600.00
59	Street Cleaning	40.00	10.00	HR	\$130.00	\$5,200.00
60	Inlet Protection	18.00	2.00	EA	\$50.00	\$900.00
61	Stabilized Construction Entrance	-----	160.00	SY	\$16.00	-----
62	Silt Fence	1,000.00	1,430.00	LF	\$3.00	\$3,000.00
63	Wattle	-----	96.00	LF	\$3.00	-----
64	Seeding, Fertilizing, and Mulching	0.47	0.62	ACRE	\$5,500.00	\$2,585.00
65	Topsoil	167.00	27.00	CY	\$28.00	\$4,676.00
66	Compost	57.00	9.00	CY	\$40.00	\$2,280.00
67	Bark Mulch	84.00	13.00	CY	\$45.00	\$3,780.00
68	PSIPE Betulus utilis var jacquemontii - 2" Caliper	13.00	3.00	EA	\$800.00	\$10,400.00
69	PSIPE Cistus x purpureus - 5 Gallon	137.00	23.00	EA	\$25.00	\$3,425.00
70	PSIPE Berberis thunbergii 'Crimson Pygmy' - 2 Gallon	35.00	19.00	EA	\$20.00	\$700.00
71	PSIPE Mahonia repens - 2 Gallon	35.00	6.00	EA	\$20.00	\$700.00
72	PSIPE Spiraea japonica 'Limemound' - 2 Gallon	54.00	17.00	EA	\$20.00	\$1,080.00

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ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
73	PSIPE Arctostaphylos uva-ursi - 4" Pot	451.00	133.00	EA	\$3.50	\$1,578.50
74	Plant Establishment - 2nd year	1.00	-----	LS	\$4,000.00	\$4,000.00
75	Irrigation System	1.00	-----	LS	\$14,000.00	\$14,000.00
76	Cement Conc. Traffic Curb and Gutter	545.00	1,415.00	LF	\$25.00	\$13,625.00
77	Cement Conc. Traffic Curb	80.00	-----	LF	\$60.00	\$4,800.00
78	Roundabout Central Island Cement Concrete Curb	236.00	-----	LF	\$90.00	\$21,240.00
79	Roundabout Truck Apron Cem. Conc. Curb & Gutter	330.00	-----	LF	\$35.00	\$11,550.00
80	Roundabout Cement Concrete Curb & Gutter	1,350.00	640.00	LF	\$27.00	\$36,450.00
81	Roundabout Splitter Island Nosing Curb	3.00	-----	EA	\$1,200.00	\$3,600.00
82	Cement Conc. Driveway Entrance Type 1	1.00	-----	EA	\$5,500.00	\$5,500.00
83	Raised Pavement Marker Type 2	0.30	1.50	HUND	\$600.00	\$180.00
84	Monument Case & Cover	-----	4.00	EA	\$450.00	-----
85	Cement Conc. Sidewalk	505.00	-----	SY	\$80.00	\$40,400.00
86	Cement Conc. Sidewalk - Thickened	1,020.00	-----	SY	\$90.00	\$91,800.00
87	Cement Conc. Curb Ramp Type 1	2.00	-----	EA	\$2,700.00	\$5,400.00
88	Cement Conc. Curb Ramp Modified	11.00	-----	EA	\$3,000.00	\$33,000.00
89	Detectable Warning Surface	102.00	-----	SF	\$25.00	\$2,550.00
90	Temporary Impace Attenuator	1.00	1.00	EA	\$3,200.00	\$3,200.00
91	Illumination System	0.74	0.26	LS	\$100,000.00	\$74,000.00
92	Permanent Signing	0.78	0.22	LS	\$30,000.00	\$23,400.00
93	Paint Line	2,900.00	-----	LF	\$0.55	\$1,595.00
94	Plastic Line	-----	5,200.00	LF	\$1.00	-----
95	Painted Wide Lane Line	215.00	-----	LF	\$1.25	\$268.75
96	Plastic Wide Lane Line	-----	1,300.00	LF	\$1.75	-----
97	Plastic Stop Line	50.00	33.00	LF	\$5.00	\$250.00

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ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
98	Plastic Crosswalk Line	700.00	-----	SF	\$5.00	\$3,500.00
99	Plastic Crosshatch Marking	-----	740.00	LF	\$1.25	-----
100	Plastic Traffic Arrow	7.00	7.00	EA	\$175.00	\$1,225.00
101	Removing Paint Line	-----	3,950.00	LF	\$0.60	-----
102	Temporary Pavement Marking-Long Duration	5,100.00	3,800.00	LF	\$0.50	\$2,550.00

SUBTOTALS**\$1,414,345.25****RULE 172 SALES TAX (8.4%)****TOTALS****\$1,414,345.25****BASE BID TOTAL (Items 1-102 Add Both Columns)****Additive Alternate #1**

103	Gravel Borrow Incl. Haul	25.00		CY	\$35.00	\$875.00
104	Crushed Surfacing Base Course	290.00		CY	\$45.00	\$13,050.00
105	HMA CL 1/2 In. GP 70-22	150.00		TON	\$105.00	\$15,750.00

ADDITIVE ALTERNATE #1 TOTAL (Bid Items 103-105)**\$29,675.00****Additive Alternate #2**

106	Cement Concrete Pavement	385.00		CY	\$550.00	\$211,750.00
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PROJECT NO. S-584					Tapani, Inc.	
DESCRIPTION: NW 6th/Norwood Intersection Improvements					PO Box 1900	
DATE OF BID OPENING:					Battle Ground, WA 98604	
March 29, 2016, at 10:00 a.m.				Ent. By RLS	360.687.1148	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
ADDITIVE ALTERNATE #2 TOTAL (Bid Item 106)						\$211,750.00

Additive Alternate #3

107	Banner Pole	1.00		LS	\$15,000.00	\$15,000.00
108	Cement Conc. Sidewalk	380.00		SY	\$80.00	\$30,400.00
109	Illumination System	1.00		LS	\$50,000.00	\$50,000.00

ADDITIVE ALTERNATE #3 TOTAL (Bid Item 107-109) \$95,400.00

BASE BID TOTAL

ALTERNATE #1 - TOTAL

ALTERNATE #2 - TOTAL

ALTERNATE #3 - TOTAL

Basis of Award will be the Base Bid plus any Alternates selected by the City of Can but not both. Alternate A3 will be awarded at the option of the City of Camas.

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>						Nutter Corporation 7211-A NE 43rd Ave Vancouver, WA 360.573.2000
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172	UNIT PRICE
1	Mobilization	0.67	0.33	LS	\$42,900.00	\$230,000.00
2	Minor Change (\$3,000 bid amount)	0.67	0.33	CALC	\$1,000.00	\$3,000.00
3	Roadway Surveying	0.67	0.33	LS	\$13,200.00	\$23,000.00
4	SPCC Plan	0.67	0.33	LS	\$330.00	\$1,000.00
5	Construction Staging and Access Plan	0.67	0.33	LS	\$330.00	\$15,000.00
6	Project Temporary Traffic Control	0.67	0.33	LS	\$3,300.00	\$20,000.00
7	Traffic Control Supervisor	0.67	0.33	LS	\$3,300.00	\$65,000.00
8	Flaggers	960.00	-----	HR	-----	\$56.00
9	Portable Changeable Message Sign	400.00	740.00	HR	\$2,220.00	\$20.00
10	Construct and Remove Temporary Access Point (SR-14 On Ramp)	-----	1.00	LS	\$43,000.00	\$25,000.00
11	Clearing and Grubbing	0.67	0.33	LS	\$2,475.00	\$35,000.00
12	Roadside Cleanup (\$5,000 Bid Amount)	0.67	0.33	EST	\$1,650.00	\$5,000.00
13	Removal of Structures and Obstructions	0.90	0.10	LS	\$2,000.00	\$35,000.00
14	Roadway Excavation Incl. Haul	2,840.00	1,645.00	CY	\$36,190.00	\$24.00
15	Gravel Borrow Incl. Haul	3,100.00	2,460.00	CY	\$73,800.00	\$32.00
16	Unsuitable Foundation Excavation Incl. Haul	-----	420.00	CY	\$9,240.00	\$60.00
17	Crushed Surfacing Base Course	1,420.00	875.00	CY	\$39,375.00	\$45.00
18	HMA CL 1/2 In. PG 70-22	1,765.00	675.00	TON	\$64,125.00	\$90.00
19	HMA for Approach CL 1/2 In. PG 70-22	23.00	-----	TON	-----	\$154.00
20	Commercial HMA	180.00	90.00	TON	\$9,450.00	\$97.00
21	Planing Bituminous Pavement	3,205.00	-----	SY	-----	\$5.00
22	Cement Conc Pavement	120.00	-----	CY	-----	\$570.00
23	Temporary Conc. Barrier	1,250.00	250.00	LF	\$5,000.00	\$20.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>						Nutter Corporation 7211-A NE 43rd Ave Vancouver, WA 360.573.2000
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172	UNIT PRICE
24	Landscape Wall	336.00	-----	SF	-----	\$115.00
25	Column	6.00	-----	EA	-----	\$8,500.00
26	Relocate Flag Pole	1.00	-----	LS	-----	\$4,500.00
27	Ductile Iron Storm Sewer Pipe, 10 In. Diam.	50.00	-----	LF	-----	\$75.00
28	Corrugated Polyethylene Storm Sewer Pipe, 10 In. Diam.	402.00	46.00	LF	\$2,300.00	\$88.00
29	Corrugated Polyethylene Storm Sewer Pipe, 12 In. Diam.	482.00	-----	LF	-----	\$67.00
30	Corrugated Polyethylene Storm Sewer Pipe, 18 In. Diam.	207.00	315.00	LF	\$23,625.00	\$78.00
31	Ductile Iron Storm Sewer Pipe, 18 In. Diam.	89.00	-----	LF	-----	\$129.00
32	Trench Safety System	1,091.00	361.00	LF	\$722.00	\$2.00
33	Manhole 48 In. Diam. Type 1	5.00	1.00	EA	\$2,700.00	\$3,200.00
34	Manhole 60 In. Diam. Type 3	1.00	-----	EA	-----	\$4,000.00
35	Modified Combination Curb Inlet	5.00	-----	EA	-----	\$2,300.00
36	Catch Basin Type 1	3.00	1.00	EA	\$2,000.00	\$1,500.00
37	Catch Basin Type 2, 48 In. Diam.	1.00	-----	EA	-----	\$3,000.00
38	Grate Inlet Type 2	-----	1.00	EA	\$3,200.00	\$2,800.00
39	Double Curb Inlet	1.00	-----	EA	-----	\$3,200.00
40	Ditch Inlet	1.00	-----	EA	-----	\$2,400.00
41	Locking Solid Metal Cover and Frame for Catch Basin	1.00	-----	EA	-----	\$400.00
42	Adjust Inlet	1.00	-----	EA	-----	\$650.00
43	Adjust Manhole	5.00	-----	EA	-----	\$600.00
44	Connection to Drainage Structure	1.00	1.00	EA	\$1,200.00	\$1,200.00
45	Removal and Replacement of Unsuitable Material	50.00	-----	CY	-----	\$70.00
46	Service Connection 1 In. Diam.	-----	1.00	EA	\$1,500.00	\$4,000.00
47	Ductile Iron Pipe for Water Main 6 In. Diam.	-----	16.00	LF	\$1,120.00	\$76.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>						Nutter Corporation 7211-A NE 43rd Ave Vancouver, WA 360.573.2000
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172	UNIT PRICE
48	Ductile Iron Pipe for Water Main 8 In. Diam.	-----	545.00	LF	\$40,875.00	\$63.00
49	8-In. X 8-In. Tee	-----	1.00	EA	\$500.00	\$500.00
50	6-In. Fitting	-----	4.00	EA	\$1,100.00	\$210.00
51	8-In. Fitting	-----	6.00	EA	\$2,100.00	\$270.00
52	Connect to Existing Water Main	-----	3.00	EA	\$5,400.00	\$700.00
53	Gate Valve 8 In.	-----	4.00	EA	\$5,200.00	\$1,300.00
54	Adjust Valve Box	-----	4.00	EA	\$1,400.00	\$150.00
55	Relocate Water Meter and Box	-----	3.00	EA	\$3,300.00	\$700.00
56	Relocate Irrigation Control	-----	1.00	LS	\$800.00	\$500.00
57	Compost Amended Biofiltration Swale	-----	1.00	LS	\$20,000.00	\$9,000.00
58	ESC Lead	20.00	5.00	DAY	\$150.00	\$60.00
59	Street Cleaning	40.00	10.00	HR	\$1,300.00	\$150.00
60	Inlet Protection	18.00	2.00	EA	\$100.00	\$70.00
61	Stabilized Construction Entrance	-----	160.00	SY	\$2,560.00	\$25.00
62	Silt Fence	1,000.00	1,430.00	LF	\$4,290.00	\$2.00
63	Wattle	-----	96.00	LF	\$288.00	\$3.00
64	Seeding, Fertilizing, and Mulching	0.47	0.62	ACRE	\$3,410.00	\$5,000.00
65	Topsoil	167.00	27.00	CY	\$756.00	\$50.00
66	Compost	57.00	9.00	CY	\$360.00	\$50.00
67	Bark Mulch	84.00	13.00	CY	\$585.00	\$50.00
68	PSIPE Betulus utilis var jacquemontii - 2" Caliper	13.00	3.00	EA	\$2,400.00	\$260.00
69	PSIPE Cistus x purpureus - 5 Gallon	137.00	23.00	EA	\$575.00	\$30.00
70	PSIPE Berberis thunbergii 'Crimson Pygmy' - 2 Gallon	35.00	19.00	EA	\$380.00	\$25.00
71	PSIPE Mahonia repens - 2 Gallon	35.00	6.00	EA	\$120.00	\$25.00
72	PSIPE Spiraea japonica 'Limemound' - 2 Gallon	54.00	17.00	EA	\$340.00	\$25.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>						Nutter Corporation 7211-A NE 43rd Ave Vancouver, WA 360.573.2000
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172	UNIT PRICE
73	PSIPE Arctostaphylos uva-ursi - 4" Pot	451.00	133.00	EA	\$465.50	\$5.00
74	Plant Establishment - 2nd year	1.00	-----	LS	-----	\$6,000.00
75	Irrigation System	1.00	-----	LS	-----	\$15,000.00
76	Cement Conc. Traffic Curb and Gutter	545.00	1,415.00	LF	\$35,375.00	\$25.00
77	Cement Conc. Traffic Curb	80.00	-----	LF	-----	\$40.00
78	Roundabout Central Island Cement Concrete Curb	236.00	-----	LF	-----	\$85.00
79	Roundabout Truck Apron Cem. Conc. Curb & Gutter	330.00	-----	LF	-----	\$39.00
80	Roundabout Cement Concrete Curb & Gutter	1,350.00	640.00	LF	\$17,280.00	\$32.00
81	Roundabout Splitter Island Nosing Curb	3.00	-----	EA	-----	\$550.00
82	Cement Conc. Driveway Entrance Type 1	1.00	-----	EA	-----	\$4,800.00
83	Raised Pavement Marker Type 2	0.30	1.50	HUND	\$900.00	\$600.00
84	Monument Case & Cover	-----	4.00	EA	\$1,800.00	\$200.00
85	Cement Conc. Sidewalk	505.00	-----	SY	-----	\$73.00
86	Cement Conc. Sidewalk - Thickened	1,020.00	-----	SY	-----	\$84.00
87	Cement Conc. Curb Ramp Type 1	2.00	-----	EA	-----	\$3,200.00
88	Cement Conc. Curb Ramp Modified	11.00	-----	EA	-----	\$3,500.00
89	Detectable Warning Surface	102.00	-----	SF	-----	\$28.00
90	Temporary Impace Attenuator	1.00	1.00	EA	\$3,200.00	\$3,600.00
91	Illumination System	0.74	0.26	LS	\$26,000.00	\$95,000.00
92	Permanent Signing	0.78	0.22	LS	\$6,600.00	\$35,000.00
93	Paint Line	2,900.00	-----	LF	-----	\$0.60
94	Plastic Line	-----	5,200.00	LF	\$5,200.00	\$1.00
95	Painted Wide Lane Line	215.00	-----	LF	-----	\$1.40
96	Plastic Wide Lane Line	-----	1,300.00	LF	\$2,275.00	\$1.60
97	Plastic Stop Line	50.00	33.00	LF	\$165.00	\$5.00

PROJECT NO. S-584						Nutter Corporation 7211-A NE 43rd Ave Vancouver, WA
DESCRIPTION: NW 6th/Norwood Intersection Improvements						
DATE OF BID OPENING:		Ent. By				
	March 29, 2016, at 10:00 a.m.			RLS		360.573.2000
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172	UNIT PRICE
98	Plastic Crosswalk Line	700.00	-----	SF	-----	\$4.50
99	Plastic Crosshatch Marking	-----	740.00	LF	\$925.00	\$1.00
100	Plastic Traffic Arrow	7.00	7.00	EA	\$1,225.00	\$170.00
101	Removing Paint Line	-----	3,950.00	LF	\$2,370.00	\$1.00
102	Temporary Pavement Marking-Long Duration	5,100.00	3,800.00	LF	\$1,900.00	\$0.50

SUBTOTALS **\$595,221.50**

RULE 172 SALES TAX (8.4%) **\$49,998.61**

TOTALS **\$645,220.11**

BASE BID TOTAL (Items 1-102 Add Both Columns) **\$2,059,565.36**

Additive Alternate #1

103	Gravel Borrow Incl. Haul	25.00		CY	-----	\$32.00
104	Crushed Surfacing Base Course	290.00		CY	-----	\$45.00
105	HMA CL 1/2 In. GP 70-22	150.00		TON	-----	\$99.00

ADDITIVE ALTERNATE #1 TOTAL (Bid Items 103-105)

Additive Alternate #2

106	Cement Concrete Pavement	385.00		CY	-----	\$550.00
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PROJECT NO. S-584						Nutter Corporation 7211-A NE 43rd Ave Vancouver, WA
DESCRIPTION: NW 6th/Norwood Intersection Improvements						
DATE OF BID OPENING:		Ent. By				
	March 29, 2016, at 10:00 a.m.			RLS		360.573.2000
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172	UNIT PRICE
ADDITIVE ALTERNATE #2 TOTAL (Bid Item 106)						

Additive Alternate #3

107	Banner Pole	1.00		LS	-----	\$11,000.00
108	Cement Conc. Sidewalk	380.00		SY	-----	\$74.00
109	Illumination System	1.00		LS	-----	\$48,000.00

ADDITIVE ALTERNATE #3 TOTAL (Bid Item 107-109)

BASE BID TOTAL **\$2,059,565.36**

ALTERNATE #1 - TOTAL **\$29,675.00**

ALTERNATE #2 - TOTAL **\$211,750.00**

ALTERNATE #3 - TOTAL **\$95,400.00**

Basis of Award will be the Base Bid plus any Alternates selected by the City of Can but not both. Alternate A3 will be awarded at the option of the City of Camas.

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: March 29, 2016, at 10:00 a.m.					Ent. By RLS		Due 98661
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 171	TOTAL Rule 172	
1	Mobilization	0.67	0.33	LS	\$154,100.00	\$75,900.00	
2	Minor Change (\$3,000 bid amount)	0.67	0.33	CALC	\$2,000.00	\$1,000.00	
3	Roadway Surveying	0.67	0.33	LS	\$15,410.00	\$7,590.00	
4	SPCC Plan	0.67	0.33	LS	\$670.00	\$330.00	
5	Construction Staging and Access Plan	0.67	0.33	LS	\$10,050.00	\$4,950.00	
6	Project Temporary Traffic Control	0.67	0.33	LS	\$13,400.00	\$6,600.00	
7	Traffic Control Supervisor	0.67	0.33	LS	\$43,550.00	\$21,450.00	
8	Flaggers	960.00	-----	HR	\$53,760.00	-----	
9	Portable Changeable Message Sign	400.00	740.00	HR	\$8,000.00	\$14,800.00	
10	Construct and Remove Temporary Access Point (SR-14 On Ramp)	-----	1.00	LS	-----	\$25,000.00	
11	Clearing and Grubbing	0.67	0.33	LS	\$23,450.00	\$11,550.00	
12	Roadside Cleanup (\$5,000 Bid Amount)	0.67	0.33	EST	\$3,350.00	\$1,650.00	
13	Removal of Structures and Obstructions	0.90	0.10	LS	\$31,500.00	\$3,500.00	
14	Roadway Excavation Incl. Haul	2,840.00	1,645.00	CY	\$68,160.00	\$39,480.00	
15	Gravel Borrow Incl. Haul	3,100.00	2,460.00	CY	\$99,200.00	\$78,720.00	
16	Unsuitable Foundation Excavation Incl. Haul	-----	420.00	CY	-----	\$25,200.00	
17	Crushed Surfacing Base Course	1,420.00	875.00	CY	\$63,900.00	\$39,375.00	
18	HMA CL 1/2 In. PG 70-22	1,765.00	675.00	TON	\$158,850.00	\$60,750.00	
19	HMA for Approach CL 1/2 In. PG 70-22	23.00	-----	TON	\$3,542.00	-----	
20	Commercial HMA	180.00	90.00	TON	\$17,460.00	\$8,730.00	
21	Planing Bituminous Pavement	3,205.00	-----	SY	\$16,025.00	-----	
22	Cement Conc Pavement	120.00	-----	CY	\$68,400.00	-----	
23	Temporary Conc. Barrier	1,250.00	250.00	LF	\$25,000.00	\$5,000.00	

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: March 29, 2016, at 10:00 a.m.					Ent. By RLS		Due 98661
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 171	TOTAL Rule 172	
24	Landscape Wall	336.00	-----	SF	\$38,640.00	-----	
25	Column	6.00	-----	EA	\$51,000.00	-----	
26	Relocate Flag Pole	1.00	-----	LS	\$4,500.00	-----	
27	Ductile Iron Storm Sewer Pipe, 10 In. Diam.	50.00	-----	LF	\$3,750.00	-----	
28	Corrugated Polyethylene Storm Sewer Pipe, 10 In. Diam.	402.00	46.00	LF	\$35,376.00	\$4,048.00	
29	Corrugated Polyethylene Storm Sewer Pipe, 12 In. Diam.	482.00	-----	LF	\$32,294.00	-----	
30	Corrugated Polyethylene Storm Sewer Pipe, 18 In. Diam.	207.00	315.00	LF	\$16,146.00	\$24,570.00	
31	Ductile Iron Storm Sewer Pipe, 18 In. Diam.	89.00	-----	LF	\$11,481.00	-----	
32	Trench Safety System	1,091.00	361.00	LF	\$2,182.00	\$722.00	
33	Manhole 48 In. Diam. Type 1	5.00	1.00	EA	\$16,000.00	\$3,200.00	
34	Manhole 60 In. Diam. Type 3	1.00	-----	EA	\$4,000.00	-----	
35	Modified Combination Curb Inlet	5.00	-----	EA	\$11,500.00	-----	
36	Catch Basin Type 1	3.00	1.00	EA	\$4,500.00	\$1,500.00	
37	Catch Basin Type 2, 48 In. Diam.	1.00	-----	EA	\$3,000.00	-----	
38	Grate Inlet Type 2	-----	1.00	EA	-----	\$2,800.00	
39	Double Curb Inlet	1.00	-----	EA	\$3,200.00	-----	
40	Ditch Inlet	1.00	-----	EA	\$2,400.00	-----	
41	Locking Solid Metal Cover and Frame for Catch Basin	1.00	-----	EA	\$400.00	-----	
42	Adjust Inlet	1.00	-----	EA	\$650.00	-----	
43	Adjust Manhole	5.00	-----	EA	\$3,000.00	-----	
44	Connection to Drainage Structure	1.00	1.00	EA	\$1,200.00	\$1,200.00	
45	Removal and Replacement of Unsuitable Material	50.00	-----	CY	\$3,500.00	-----	
46	Service Connection 1 In. Diam.	-----	1.00	EA	-----	\$4,000.00	
47	Ductile Iron Pipe for Water Main 6 In. Diam.	-----	16.00	LF	-----	\$1,216.00	

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					Due 98661	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 171	TOTAL Rule 172
48	Ductile Iron Pipe for Water Main 8 In. Diam.	-----	545.00	LF	-----	\$34,335.00
49	8-In. X 8-In. Tee	-----	1.00	EA	-----	\$500.00
50	6-In. Fitting	-----	4.00	EA	-----	\$840.00
51	8-In. Fitting	-----	6.00	EA	-----	\$1,620.00
52	Connect to Existing Water Main	-----	3.00	EA	-----	\$2,100.00
53	Gate Valve 8 In.	-----	4.00	EA	-----	\$5,200.00
54	Adjust Valve Box	-----	4.00	EA	-----	\$600.00
55	Relocate Water Meter and Box	-----	3.00	EA	-----	\$2,100.00
56	Relocate Irrigation Control	-----	1.00	LS	-----	\$500.00
57	Compost Amended Biofiltration Swale	-----	1.00	LS	-----	\$9,000.00
58	ESC Lead	20.00	5.00	DAY	\$1,200.00	\$300.00
59	Street Cleaning	40.00	10.00	HR	\$6,000.00	\$1,500.00
60	Inlet Protection	18.00	2.00	EA	\$1,260.00	\$140.00
61	Stabilized Construction Entrance	-----	160.00	SY	-----	\$4,000.00
62	Silt Fence	1,000.00	1,430.00	LF	\$2,000.00	\$2,860.00
63	Wattle	-----	96.00	LF	-----	\$288.00
64	Seeding, Fertilizing, and Mulching	0.47	0.62	ACRE	\$2,350.00	\$3,100.00
65	Topsoil	167.00	27.00	CY	\$8,350.00	\$1,350.00
66	Compost	57.00	9.00	CY	\$2,850.00	\$450.00
67	Bark Mulch	84.00	13.00	CY	\$4,200.00	\$650.00
68	PSIPE Betulus utilis var jacquemontii - 2" Caliper	13.00	3.00	EA	\$3,380.00	\$780.00
69	PSIPE Cistus x purpureus - 5 Gallon	137.00	23.00	EA	\$4,110.00	\$690.00
70	PSIPE Berberis thunbergii 'Crimson Pygmy' - 2 Gallon	35.00	19.00	EA	\$875.00	\$475.00
71	PSIPE Mahonia repens - 2 Gallon	35.00	6.00	EA	\$875.00	\$150.00
72	PSIPE Spiraea japonica 'Limemound' - 2 Gallon	54.00	17.00	EA	\$1,350.00	\$425.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div>March 29, 2016, at 10:00 a.m.</div>					Due 98661	
<div>Ent. By</div> <div>RLS</div>						
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 171	TOTAL Rule 172
73	PSIPE Arctostaphylos uva-ursi - 4" Pot	451.00	133.00	EA	\$2,255.00	\$665.00
74	Plant Establishment - 2nd year	1.00	-----	LS	\$6,000.00	-----
75	Irrigation System	1.00	-----	LS	\$15,000.00	-----
76	Cement Conc. Traffic Curb and Gutter	545.00	1,415.00	LF	\$13,625.00	\$35,375.00
77	Cement Conc. Traffic Curb	80.00	-----	LF	\$3,200.00	-----
78	Roundabout Central Island Cement Concrete Curb	236.00	-----	LF	\$20,060.00	-----
79	Roundabout Truck Apron Cem. Conc. Curb & Gutter	330.00	-----	LF	\$12,870.00	-----
80	Roundabout Cement Concrete Curb & Gutter	1,350.00	640.00	LF	\$43,200.00	\$20,480.00
81	Roundabout Splitter Island Nosing Curb	3.00	-----	EA	\$1,650.00	-----
82	Cement Conc. Driveway Entrance Type 1	1.00	-----	EA	\$4,800.00	-----
83	Raised Pavement Marker Type 2	0.30	1.50	HUND	\$180.00	\$900.00
84	Monument Case & Cover	-----	4.00	EA	-----	\$800.00
85	Cement Conc. Sidewalk	505.00	-----	SY	\$36,865.00	-----
86	Cement Conc. Sidewalk - Thickened	1,020.00	-----	SY	\$85,680.00	-----
87	Cement Conc. Curb Ramp Type 1	2.00	-----	EA	\$6,400.00	-----
88	Cement Conc. Curb Ramp Modified	11.00	-----	EA	\$38,500.00	-----
89	Detectable Warning Surface	102.00	-----	SF	\$2,856.00	-----
90	Temporary Impact Attenuator	1.00	1.00	EA	\$3,600.00	\$3,600.00
91	Illumination System	0.74	0.26	LS	\$70,300.00	\$24,700.00
92	Permanent Signing	0.78	0.22	LS	\$27,300.00	\$7,700.00
93	Paint Line	2,900.00	-----	LF	\$1,740.00	-----
94	Plastic Line	-----	5,200.00	LF	-----	\$5,200.00
95	Painted Wide Lane Line	215.00	-----	LF	\$301.00	-----
96	Plastic Wide Lane Line	-----	1,300.00	LF	-----	\$2,080.00
97	Plastic Stop Line	50.00	33.00	LF	\$250.00	\$165.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					Due 98661	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 171	TOTAL Rule 172
98	Plastic Crosswalk Line	700.00	-----	SF	\$3,150.00	-----
99	Plastic Crosshatch Marking	-----	740.00	LF	-----	\$740.00
100	Plastic Traffic Arrow	7.00	7.00	EA	\$1,190.00	\$1,190.00
101	Removing Paint Line	-----	3,950.00	LF	-----	\$3,950.00
102	Temporary Pavement Marking-Long Duration	5,100.00	3,800.00	LF	\$2,550.00	\$1,900.00

SUBTOTALS **\$1,570,818.00 \$658,229.00**

RULE 172 SALES TAX (8.4%) **\$55,291.24**

TOTALS **\$1,570,818.00 \$713,520.24**

BASE BID TOTAL (Items 1-102 Add Both Columns) **\$2,284,338.24**

Additive Alternate #1

103	Gravel Borrow Incl. Haul	25.00		CY	\$800.00	-----
104	Crushed Surfacing Base Course	290.00		CY	\$13,050.00	-----
105	HMA CL 1/2 In. GP 70-22	150.00		TON	\$14,850.00	-----

ADDITIVE ALTERNATE #1 TOTAL (Bid Items 103-105) **\$28,700.00**

Additive Alternate #2

106	Cement Concrete Pavement	385.00		CY	\$211,750.00	-----
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PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div>March 29, 2016, at 10:00 a.m.</div>					Due 98661	
Ent. By RLS						
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 171	TOTAL Rule 172
ADDITIVE ALTERNATE #2 TOTAL (Bid Item 106)					\$211,750.00	

Additive Alternate #3

107	Banner Pole	1.00		LS	\$11,000.00	-----
108	Cement Conc. Sidewalk	380.00		SY	\$28,120.00	-----
109	Illumination System	1.00		LS	\$48,000.00	-----

ADDITIVE ALTERNATE #3 TOTAL (Bid Item 107-109) \$87,120.00

BASE BID TOTAL \$2,284,338.24

ALTERNATE #1 - TOTAL \$28,700.00

ALTERNATE #2 - TOTAL \$211,750.00

ALTERNATE #3 - TOTAL \$87,120.00

Basis of Award will be the Base Bid plus any Alternates selected by the City of Camas but not both. Alternate A3 will be awarded at the option of the City of Camas.

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					Goodfellow Bros, Inc. 7515 NE Ambassador Place, Suite E Portland, OR 97220 503.256.4114	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
1	Mobilization	0.67	0.33	LS	\$178,400.00	\$119,528.00
2	Minor Change (\$3,000 bid amount)	0.67	0.33	CALC	\$3,000.00	\$2,000.00
3	Roadway Surveying	0.67	0.33	LS	\$45,000.00	\$30,150.00
4	SPCC Plan	0.67	0.33	LS	\$1,000.00	\$670.00
5	Construction Staging and Access Plan	0.67	0.33	LS	\$30,000.00	\$20,100.00
6	Project Temporary Traffic Control	0.67	0.33	LS	\$25,000.00	\$16,750.00
7	Traffic Control Supervisor	0.67	0.33	LS	\$14,000.00	\$9,380.00
8	Flaggers	960.00	-----	HR	\$58.00	\$55,680.00
9	Portable Changeable Message Sign	400.00	740.00	HR	\$12.00	\$4,800.00
10	Construct and Remove Temporary Access Point (SR-14 On Ramp)	-----	1.00	LS	\$50,000.00	-----
11	Clearing and Grubbing	0.67	0.33	LS	\$25,000.00	\$16,750.00
12	Roadside Cleanup (\$5,000 Bid Amount)	0.67	0.33	EST	\$5,000.00	\$3,350.00
13	Removal of Structures and Obstructions	0.90	0.10	LS	\$75,000.00	\$67,500.00
14	Roadway Excavation Incl. Haul	2,840.00	1,645.00	CY	\$50.00	\$142,000.00
15	Gravel Borrow Incl. Haul	3,100.00	2,460.00	CY	\$33.00	\$102,300.00
16	Unsuitable Foundation Excavation Incl. Haul	-----	420.00	CY	\$100.00	-----
17	Crushed Surfacing Base Course	1,420.00	875.00	CY	\$55.00	\$78,100.00
18	HMA CL 1/2 In. PG 70-22	1,765.00	675.00	TON	\$85.00	\$150,025.00
19	HMA for Approach CL 1/2 In. PG 70-22	23.00	-----	TON	\$140.00	\$3,220.00
20	Commercial HMA	180.00	90.00	TON	\$88.00	\$15,840.00
21	Planing Bituminous Pavement	3,205.00	-----	SY	\$6.00	\$19,230.00
22	Cement Conc Pavement	120.00	-----	CY	\$400.00	\$48,000.00
23	Temporary Conc. Barrier	1,250.00	250.00	LF	\$30.00	\$37,500.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div>March 29, 2016, at 10:00 a.m.</div>					Ent. By RLS		Goodfellow Bros, Inc. 7515 NE Ambassador Place, Suite E Portland, OR 97220 503.256.4114	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171		
24	Landscape Wall	336.00	-----	SF	\$200.00	\$67,200.00		
25	Column	6.00	-----	EA	\$2,500.00	\$15,000.00		
26	Relocate Flag Pole	1.00	-----	LS	\$10,000.00	\$10,000.00		
27	Ductile Iron Storm Sewer Pipe, 10 In. Diam.	50.00	-----	LF	\$95.00	\$4,750.00		
28	Corrugated Polyethylene Storm Sewer Pipe, 10 In. Diam.	402.00	46.00	LF	\$91.00	\$36,582.00		
29	Corrugated Polyethylene Storm Sewer Pipe, 12 In. Diam.	482.00	-----	LF	\$93.00	\$44,826.00		
30	Corrugated Polyethylene Storm Sewer Pipe, 18 In. Diam.	207.00	315.00	LF	\$100.00	\$20,700.00		
31	Ductile Iron Storm Sewer Pipe, 18 In. Diam.	89.00	-----	LF	\$125.00	\$11,125.00		
32	Trench Safety System	1,091.00	361.00	LF	\$6.00	\$6,546.00		
33	Manhole 48 In. Diam. Type 1	5.00	1.00	EA	\$3,500.00	\$17,500.00		
34	Manhole 60 In. Diam. Type 3	1.00	-----	EA	\$6,000.00	\$6,000.00		
35	Modified Combination Curb Inlet	5.00	-----	EA	\$2,000.00	\$10,000.00		
36	Catch Basin Type 1	3.00	1.00	EA	\$1,800.00	\$5,400.00		
37	Catch Basin Type 2, 48 In. Diam.	1.00	-----	EA	\$3,000.00	\$3,000.00		
38	Grate Inlet Type 2	-----	1.00	EA	\$2,450.00	-----		
39	Double Curb Inlet	1.00	-----	EA	\$2,750.00	\$2,750.00		
40	Ditch Inlet	1.00	-----	EA	\$2,100.00	\$2,100.00		
41	Locking Solid Metal Cover and Frame for Catch Basin	1.00	-----	EA	\$802.00	\$802.00		
42	Adjust Inlet	1.00	-----	EA	\$600.00	\$600.00		
43	Adjust Manhole	5.00	-----	EA	\$1,250.00	\$6,250.00		
44	Connection to Drainage Structure	1.00	1.00	EA	\$1,500.00	\$1,500.00		
45	Removal and Replacement of Unsuitable Material	50.00	-----	CY	\$200.00	\$10,000.00		
46	Service Connection 1 In. Diam.	-----	1.00	EA	\$2,000.00	-----		
47	Ductile Iron Pipe for Water Main 6 In. Diam.	-----	16.00	LF	\$200.00	-----		

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					Goodfellow Bros, Inc. 7515 NE Ambassador Place, Suite E Portland, OR 97220 503.256.4114	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
48	Ductile Iron Pipe for Water Main 8 In. Diam.	-----	545.00	LF	\$85.00	-----
49	8-In. X 8-In. Tee	-----	1.00	EA	\$700.00	-----
50	6-In. Fitting	-----	4.00	EA	\$425.00	-----
51	8-In. Fitting	-----	6.00	EA	\$525.00	-----
52	Connect to Existing Water Main	-----	3.00	EA	\$2,000.00	-----
53	Gate Valve 8 In.	-----	4.00	EA	\$1,400.00	-----
54	Adjust Valve Box	-----	4.00	EA	\$200.00	-----
55	Relocate Water Meter and Box	-----	3.00	EA	\$1,000.00	-----
56	Relocate Irrigation Control	-----	1.00	LS	\$1,000.00	-----
57	Compost Amended Biofiltration Swale	-----	1.00	LS	\$21,000.00	-----
58	ESC Lead	20.00	5.00	DAY	\$130.00	\$2,600.00
59	Street Cleaning	40.00	10.00	HR	\$200.00	\$8,000.00
60	Inlet Protection	18.00	2.00	EA	\$125.00	\$2,250.00
61	Stabilized Construction Entrance	-----	160.00	SY	\$40.00	-----
62	Silt Fence	1,000.00	1,430.00	LF	\$3.00	\$3,000.00
63	Wattle	-----	96.00	LF	\$10.00	-----
64	Seeding, Fertilizing, and Mulching	0.47	0.62	ACRE	\$4,500.00	\$2,115.00
65	Topsoil	167.00	27.00	CY	\$47.00	\$7,849.00
66	Compost	57.00	9.00	CY	\$47.00	\$2,679.00
67	Bark Mulch	84.00	13.00	CY	\$47.00	\$3,948.00
68	PSIPE Betulus utilis var jacquemontii - 2" Caliper	13.00	3.00	EA	\$250.00	\$3,250.00
69	PSIPE Cistus x purpureus - 5 Gallon	137.00	23.00	EA	\$30.00	\$4,110.00
70	PSIPE Berberis thunbergii 'Crimson Pygmy' - 2 Gallon	35.00	19.00	EA	\$25.00	\$875.00
71	PSIPE Mahonia repens - 2 Gallon	35.00	6.00	EA	\$25.00	\$875.00
72	PSIPE Spiraea japonica 'Limemound' - 2 Gallon	54.00	17.00	EA	\$25.00	\$1,350.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					Goodfellow Bros, Inc. 7515 NE Ambassador Place, Suite E Portland, OR 97220 503.256.4114	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
73	PSIPE Arctostaphylos uva-ursi - 4" Pot	451.00	133.00	EA	\$4.00	\$1,804.00
74	Plant Establishment - 2nd year	1.00	-----	LS	\$7,000.00	\$7,000.00
75	Irrigation System	1.00	-----	LS	\$15,000.00	\$15,000.00
76	Cement Conc. Traffic Curb and Gutter	545.00	1,415.00	LF	\$25.00	\$13,625.00
77	Cement Conc. Traffic Curb	80.00	-----	LF	\$30.00	\$2,400.00
78	Roundabout Central Island Cement Concrete Curb	236.00	-----	LF	\$35.00	\$8,260.00
79	Roundabout Truck Apron Cem. Conc. Curb & Gutter	330.00	-----	LF	\$35.00	\$11,550.00
80	Roundabout Cement Concrete Curb & Gutter	1,350.00	640.00	LF	\$30.00	\$40,500.00
81	Roundabout Splitter Island Nosing Curb	3.00	-----	EA	\$1,000.00	\$3,000.00
82	Cement Conc. Driveway Entrance Type 1	1.00	-----	EA	\$1,500.00	\$1,500.00
83	Raised Pavement Marker Type 2	0.30	1.50	HUND	\$550.00	\$165.00
84	Monument Case & Cover	-----	4.00	EA	\$625.00	-----
85	Cement Conc. Sidewalk	505.00	-----	SY	\$45.00	\$22,725.00
86	Cement Conc. Sidewalk - Thickened	1,020.00	-----	SY	\$55.00	\$56,100.00
87	Cement Conc. Curb Ramp Type 1	2.00	-----	EA	\$1,250.00	\$2,500.00
88	Cement Conc. Curb Ramp Modified	11.00	-----	EA	\$1,000.00	\$11,000.00
89	Detectable Warning Surface	102.00	-----	SF	\$55.00	\$5,610.00
90	Temporary Impace Attenuator	1.00	1.00	EA	\$3,500.00	\$3,500.00
91	Illumination System	0.74	0.26	LS	\$145,000.00	\$107,300.00
92	Permanent Signing	0.78	0.22	LS	\$25,000.00	\$19,500.00
93	Paint Line	2,900.00	-----	LF	\$0.50	\$1,450.00
94	Plastic Line	-----	5,200.00	LF	\$0.80	-----
95	Painted Wide Lane Line	215.00	-----	LF	\$1.25	\$268.75
96	Plastic Wide Lane Line	-----	1,300.00	LF	\$1.50	-----
97	Plastic Stop Line	50.00	33.00	LF	\$7.00	\$350.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: <div> <div>March 29, 2016, at 10:00 a.m.</div> <div>Ent. By RLS</div> </div>					Goodfellow Bros, Inc. 7515 NE Ambassador Place, Suite E Portland, OR 97220 503.256.4114	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
98	Plastic Crosswalk Line	700.00	-----	SF	\$5.00	\$3,500.00
99	Plastic Crosshatch Marking	-----	740.00	LF	\$1.00	-----
100	Plastic Traffic Arrow	7.00	7.00	EA	\$175.00	\$1,225.00
101	Removing Paint Line	-----	3,950.00	LF	\$0.55	-----
102	Temporary Pavement Marking-Long Duration	5,100.00	3,800.00	LF	\$0.50	\$2,550.00

SUBTOTALS**\$1,610,787.75****RULE 172 SALES TAX (8.4%)****TOTALS****\$1,610,787.75****BASE BID TOTAL (Items 1-102 Add Both Columns)****Additive Alternate #1**

103	Gravel Borrow Incl. Haul	25.00		CY	\$50.00	\$1,250.00
104	Crushed Surfacing Base Course	290.00		CY	\$65.00	\$18,850.00
105	HMA CL 1/2 In. GP 70-22	150.00		TON	\$95.00	\$14,250.00

ADDITIVE ALTERNATE #1 TOTAL (Bid Items 103-105)**\$34,350.00****Additive Alternate #2**

106	Cement Concrete Pavement	385.00		CY	\$500.00	\$192,500.00
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PROJECT NO. S-584					Goodfellow Bros, Inc.	
DESCRIPTION: NW 6th/Norwood Intersection Improvements					7515 NE Ambassador Place, Suite E	
DATE OF BID OPENING:					Portland, OR 97220	
March 29, 2016, at 10:00 a.m.				Ent. By RLS	503.256.4114	
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	UNIT PRICE	TOTAL Rule 171
ADDITIVE ALTERNATE #2 TOTAL (Bid Item 106)						\$192,500.00

Additive Alternate #3

107	Banner Pole	1.00		LS	\$20,000.00	\$20,000.00
108	Cement Conc. Sidewalk	380.00		SY	\$60.00	\$22,800.00
109	Illumination System	1.00		LS	\$50,000.00	\$50,000.00

ADDITIVE ALTERNATE #3 TOTAL (Bid Item 107-109) \$92,800.00

BASE BID TOTAL

ALTERNATE #1 - TOTAL

ALTERNATE #2 - TOTAL

ALTERNATE #3 - TOTAL

Basis of Award will be the Base Bid plus any Alternates selected by the City of Can but not both. Alternate A3 will be awarded at the option of the City of Camas.

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: Ent. By RLS March 29, 2016, at 10:00 a.m.					
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172
1	Mobilization	0.67	0.33	LS	\$58,872.00
2	Minor Change (\$3,000 bid amount)	0.67	0.33	CALC	\$1,000.00
3	Roadway Surveying	0.67	0.33	LS	\$14,850.00
4	SPCC Plan	0.67	0.33	LS	\$330.00
5	Construction Staging and Access Plan	0.67	0.33	LS	\$9,900.00
6	Project Temporary Traffic Control	0.67	0.33	LS	\$8,250.00
7	Traffic Control Supervisor	0.67	0.33	LS	\$4,620.00
8	Flaggers	960.00	-----	HR	-----
9	Portable Changeable Message Sign	400.00	740.00	HR	\$8,880.00
10	Construct and Remove Temporary Access Point (SR-14 On Ramp)	-----	1.00	LS	\$50,000.00
11	Clearing and Grubbing	0.67	0.33	LS	\$8,250.00
12	Roadside Cleanup (\$5,000 Bid Amount)	0.67	0.33	EST	\$1,650.00
13	Removal of Structures and Obstructions	0.90	0.10	LS	\$7,500.00
14	Roadway Excavation Incl. Haul	2,840.00	1,645.00	CY	\$82,250.00
15	Gravel Borrow Incl. Haul	3,100.00	2,460.00	CY	\$81,180.00
16	Unsuitable Foundation Excavation Incl. Haul	-----	420.00	CY	\$42,000.00
17	Crushed Surfacing Base Course	1,420.00	875.00	CY	\$48,125.00
18	HMA CL 1/2 In. PG 70-22	1,765.00	675.00	TON	\$57,375.00
19	HMA for Approach CL 1/2 In. PG 70-22	23.00	-----	TON	-----
20	Commercial HMA	180.00	90.00	TON	\$7,920.00
21	Planing Bituminous Pavement	3,205.00	-----	SY	-----
22	Cement Conc Pavement	120.00	-----	CY	-----
23	Temporary Conc. Barrier	1,250.00	250.00	LF	\$7,500.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements					
DATE OF BID OPENING: March 29, 2016, at 10:00 a.m.			Ent. By RLS		
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172
24	Landscape Wall	336.00	-----	SF	-----
25	Column	6.00	-----	EA	-----
26	Relocate Flag Pole	1.00	-----	LS	-----
27	Ductile Iron Storm Sewer Pipe, 10 In. Diam.	50.00	-----	LF	-----
28	Corrugated Polyethylene Storm Sewer Pipe, 10 In. Diam.	402.00	46.00	LF	\$4,186.00
29	Corrugated Polyethylene Storm Sewer Pipe, 12 In. Diam.	482.00	-----	LF	-----
30	Corrugated Polyethylene Storm Sewer Pipe, 18 In. Diam.	207.00	315.00	LF	\$31,500.00
31	Ductile Iron Storm Sewer Pipe, 18 In. Diam.	89.00	-----	LF	-----
32	Trench Safety System	1,091.00	361.00	LF	\$2,166.00
33	Manhole 48 In. Diam. Type 1	5.00	1.00	EA	\$3,500.00
34	Manhole 60 In. Diam. Type 3	1.00	-----	EA	-----
35	Modified Combination Curb Inlet	5.00	-----	EA	-----
36	Catch Basin Type 1	3.00	1.00	EA	\$1,800.00
37	Catch Basin Type 2, 48 In. Diam.	1.00	-----	EA	-----
38	Grate Inlet Type 2	-----	1.00	EA	\$2,450.00
39	Double Curb Inlet	1.00	-----	EA	-----
40	Ditch Inlet	1.00	-----	EA	-----
41	Locking Solid Metal Cover and Frame for Catch Basin	1.00	-----	EA	-----
42	Adjust Inlet	1.00	-----	EA	-----
43	Adjust Manhole	5.00	-----	EA	-----
44	Connection to Drainage Structure	1.00	1.00	EA	\$1,500.00
45	Removal and Replacement of Unsuitable Material	50.00	-----	CY	-----
46	Service Connection 1 In. Diam.	-----	1.00	EA	\$2,000.00
47	Ductile Iron Pipe for Water Main 6 In. Diam.	-----	16.00	LF	\$3,200.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: March 29, 2016, at 10:00 a.m. Ent. By RLS					
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172
48	Ductile Iron Pipe for Water Main 8 In. Diam.	-----	545.00	LF	\$46,325.00
49	8-In. X 8-In. Tee	-----	1.00	EA	\$700.00
50	6-In. Fitting	-----	4.00	EA	\$1,700.00
51	8-In. Fitting	-----	6.00	EA	\$3,150.00
52	Connect to Existing Water Main	-----	3.00	EA	\$6,000.00
53	Gate Valve 8 In.	-----	4.00	EA	\$5,600.00
54	Adjust Valve Box	-----	4.00	EA	\$800.00
55	Relocate Water Meter and Box	-----	3.00	EA	\$3,000.00
56	Relocate Irrigation Control	-----	1.00	LS	\$1,000.00
57	Compost Amended Biofiltration Swale	-----	1.00	LS	\$21,000.00
58	ESC Lead	20.00	5.00	DAY	\$650.00
59	Street Cleaning	40.00	10.00	HR	\$2,000.00
60	Inlet Protection	18.00	2.00	EA	\$250.00
61	Stabilized Construction Entrance	-----	160.00	SY	\$6,400.00
62	Silt Fence	1,000.00	1,430.00	LF	\$4,290.00
63	Wattle	-----	96.00	LF	\$960.00
64	Seeding, Fertilizing, and Mulching	0.47	0.62	ACRE	\$2,790.00
65	Topsoil	167.00	27.00	CY	\$1,269.00
66	Compost	57.00	9.00	CY	\$423.00
67	Bark Mulch	84.00	13.00	CY	\$611.00
68	PSIPE Betulus utilis var jacquemontii - 2" Caliper	13.00	3.00	EA	\$750.00
69	PSIPE Cistus x purpureus - 5 Gallon	137.00	23.00	EA	\$690.00
70	PSIPE Berberis thunbergii 'Crimson Pygmy' - 2 Gallon	35.00	19.00	EA	\$475.00
71	PSIPE Mahonia repens - 2 Gallon	35.00	6.00	EA	\$150.00
72	PSIPE Spiraea japonica 'Limemound' - 2 Gallon	54.00	17.00	EA	\$425.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: Ent. By RLS March 29, 2016, at 10:00 a.m.					
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172
73	PSIPE Arctostaphylos uva-ursi - 4" Pot	451.00	133.00	EA	\$532.00
74	Plant Establishment - 2nd year	1.00	-----	LS	-----
75	Irrigation System	1.00	-----	LS	-----
76	Cement Conc. Traffic Curb and Gutter	545.00	1,415.00	LF	\$35,375.00
77	Cement Conc. Traffic Curb	80.00	-----	LF	-----
78	Roundabout Central Island Cement Concrete Curb	236.00	-----	LF	-----
79	Roundabout Truck Apron Cem. Conc. Curb & Gutter	330.00	-----	LF	-----
80	Roundabout Cement Concrete Curb & Gutter	1,350.00	640.00	LF	\$19,200.00
81	Roundabout Splitter Island Nosing Curb	3.00	-----	EA	-----
82	Cement Conc. Driveway Entrance Type 1	1.00	-----	EA	-----
83	Raised Pavement Marker Type 2	0.30	1.50	HUND	\$825.00
84	Monument Case & Cover	-----	4.00	EA	\$2,500.00
85	Cement Conc. Sidewalk	505.00	-----	SY	-----
86	Cement Conc. Sidewalk - Thickened	1,020.00	-----	SY	-----
87	Cement Conc. Curb Ramp Type 1	2.00	-----	EA	-----
88	Cement Conc. Curb Ramp Modified	11.00	-----	EA	-----
89	Detectable Warning Surface	102.00	-----	SF	-----
90	Temporary Impace Attenuator	1.00	1.00	EA	\$3,500.00
91	Illumination System	0.74	0.26	LS	\$37,700.00
92	Permanent Signing	0.78	0.22	LS	\$5,500.00
93	Paint Line	2,900.00	-----	LF	-----
94	Plastic Line	-----	5,200.00	LF	\$4,160.00
95	Painted Wide Lane Line	215.00	-----	LF	-----
96	Plastic Wide Lane Line	-----	1,300.00	LF	\$1,950.00
97	Plastic Stop Line	50.00	33.00	LF	\$231.00

PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: Ent. By RLS March 29, 2016, at 10:00 a.m.					
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172
98	Plastic Crosswalk Line	700.00	-----	SF	-----
99	Plastic Crosshatch Marking	-----	740.00	LF	\$740.00
100	Plastic Traffic Arrow	7.00	7.00	EA	\$1,225.00
101	Removing Paint Line	-----	3,950.00	LF	\$2,172.50
102	Temporary Pavement Marking-Long Duration	5,100.00	3,800.00	LF	\$1,900.00

SUBTOTALS	\$781,672.50
RULE 172 SALES TAX (8.4%)	\$65,660.49
TOTALS	\$847,332.99
BASE BID TOTAL (Items 1-102 Add Both Columns)	\$2,458,120.74

Additive Alternate #1

103	Gravel Borrow Incl. Haul	25.00		CY	-----
104	Crushed Surfacing Base Course	290.00		CY	-----
105	HMA CL 1/2 In. GP 70-22	150.00		TON	-----

ADDITIVE ALTERNATE #1 TOTAL (Bid Items 103-105)

Additive Alternate #2

106	Cement Concrete Pavement	385.00		CY	-----
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PROJECT NO. S-584 DESCRIPTION: NW 6th/Norwood Intersection Improvements DATE OF BID OPENING: Ent. By RLS <div style="clear: both;"></div> March 29, 2016, at 10:00 a.m.					
ITEM NO	DESCRIPTION	QTY Rule 171	QTY Rule 172	UNIT	TOTAL Rule 172
ADDITIVE ALTERNATE #2 TOTAL (Bid Item 106)					

Additive Alternate #3

107	Banner Pole	1.00		LS	-----
108	Cement Conc. Sidewalk	380.00		SY	-----
109	Illumination System	1.00		LS	-----

ADDITIVE ALTERNATE #3 TOTAL (Bid Item 107-109)

BASE BID TOTAL	\$2,458,120.74
ALTERNATE #1 - TOTAL	\$34,350.00
ALTERNATE #2 - TOTAL	\$192,500.00
ALTERNATE #3 - TOTAL	\$92,800.00

Basis of Award will be the Base Bid plus any Alternates selected by the City of Can but not both. Alternate A3 will be awarded at the option of the City of Camas.

NW 6th Avenue Corridor Revenue and Expenditure Summary

NW 6th Avenue Corridor Project Funding		<u>Revenue</u>	<u>Expenditures</u>
Remaining GO Bond Proceeds	\$	1,951,579	
REET	\$	385,000	
Water/Sewer Fund	\$	65,000	
Pavement Preservation (General Fund)	\$	100,000	
	Revenue Total	\$ 2,501,579	
NW 6th Avenue Corridor Project Costs			
<u>Roundabout Project</u>			
Roundabout Construction Bid (w/ Asphalt Drive Lanes)		\$	1,943,822
Roundabout Construction Contingency (10%)		\$	194,382
Remaining Right-of-Way and Design		\$	105,000
Consultant Construction Support		\$	131,000
	Roundabout Sub-Total	\$	2,374,204
<u>Other NW 6th Ave Corridor Projects</u>			
Drake Street Pedestrian Crossing		\$	50,000
Retainage Release for Overlay and Utilities Projects		\$	40,000
	Other Sub-Total	\$	90,000
	Total Project Costs	\$	2,464,204
	Remainder	\$	37,375
Roundabout Project Additives			
<u>Additional Illumination, Sidewalk to Logan Street and Banner Pole Relocation (Additive Bid)</u>			
Concrete Drive Lanes (Additive Bid)		\$	93,035
Artwork inside Roundabout (estimate)		\$	163,675
		\$	65,000
	Additives Total	\$	321,710

RESOLUTION NO. 16-006

A RESOLUTION adopting changes to the represented positions within the Information Systems Division, including creation of a new position.

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF CAMAS AS FOLLOWS:

I

The titled job description of Information Systems Analyst shall be revised to Information Technology Systems Analyst/Programmer, and the changes and duties shall be outlined in any job description proscribed by the City, and may be revised from time to time. The salary scale for the Information Technology Systems Analyst/Programmer shall be set forth in the salary schedule attached. The new position description and salary schedule are attached hereto as Exhibit "A" and shall be effective as of April 1, 2016.

II

The titled job description of Information Systems Technician shall be revised to Information Technology Support Specialist, and the changes and duties shall be outlined in any job description proscribed by the City, and may be revised from time to time. The new position description is attached hereto as Exhibit "B" and shall be effective as of April 1, 2016.

III

There is hereby created in the Information Systems Division a new position entitled Information Technology Network Administrator. Such position shall be a union representative position in the CPEA bargaining unit, and shall perform such duties as shall be outlined in any job description proscribed by the City, as may be revised from time to time. The position description and salary schedule are attached hereto

as Exhibit “C” and shall be effective as of April 1, 2016.

IV

PASSED BY the Council and approved by the Mayor this 4th day of April, 2016.

SIGNED: _____
Mayor

ATTEST: _____
Clerk

APPROVED as to form:

City Attorney

Exhibit "A"

City of Camas
Union Status: Represented
April 2016

INFORMATION TECHNOLOGY SYSTEMS ANALYST/PROGRAMMER

Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are not intended to reflect all duties performed within the job.

JOB OBJECTIVES

Under general supervision of the Technology Director, provides highly technical development and support for the City's database systems, applications and users in a LAN/WAN environment; performs a variety of advanced software analysis, programming and maintenance; provides general training to users on the City's main application and reporting systems; develops online resources and services; and performs a variety of duties relative to assigned area of responsibility.

ESSENTIAL FUNCTION STATEMENTS

The following tasks are typical for positions in this classification. Any single position may not perform all of these tasks and/or may perform similar related tasks not listed here:

Ensure the integrity, security and effective performance of the City's applications and databases.

Perform database design, development, and maintenance of the City's databases; work with programmers and developers contracted to work on database enhancements, specialized programming, special projects, report writing and other duties as assigned. Develop programs, analyze user needs and requirements, design system structures and make modifications or improvements to applications and programs.

Support and maintain web application servers; Provide E-Commerce and web application development. Consult with others to establish design and access standards and procedures that ensure continuity of web content and site availability for staff and the public. Oversee and perform scripting and programming of web site features and applications. Programs in languages appropriate for web browsing and transaction applications (ex: HTML, PHP, ASP and Java Script).

Develop, program and oversee the maintenance and design of the City's official website and resources. Research, maintain and monitor the website for added or upgraded services to meet city goals and strategic initiatives. Recommend products or services, including costs, design and project proposals for improved or new services to the public.

Research and evaluate new technologies. Consult with Technology Department staff on identified potential new technologies or services. Develop proposals, including time, equipment and costs for implementation of new services or system upgrades.

Plans, coordinates and completes assigned technology projects and systems deployment; oversees vendor support, including implementation of systems, licensing, upgrades and problem resolution.

Assist City staff with software applications, related programs, telecommunications, and support and train for both hardware and software systems. Recommend and implement solutions to assure minimum delay and effective operation for system users.

Assist in coordinating training programs, training computer end-users in using network and computer resources and in providing training on technology upgrades or new resources.

City of Camas**Information Technology Systems Analyst/Programmer**

Install, upgrade, patch applications and systems; analyze and resolve complex technology application and system issues.

Monitor, review and schedule assigned work orders support to optimize staff support services and system priorities.

Assist in maintaining user and application level instructional and support documentation. Update technical documentation, such as client and application specific installation configurations, problem fixes, and vendor support.

Perform network administration duties in the absence of other information systems staff.

Provide assistance in various information technology projects that affect the user environment.

Provide backup for computer support including hardware and software desktop support, including installing, configuring, and repairing computers and providing support to employees across the network.

SECONDARY FUNCTIONS

Performs other duties as assigned that support the overall objective of the position and goals of the Department.

Communicate project design and recommendations to the Technology Department timely, coordinating and planning yearly project priorities with the team.

Support and troubleshoot the various audio/visual equipment in board and conference rooms throughout the City.

Performs other functions within the department as necessary or assigned by Director.

AUXILIARY FUNCTION STATEMENTS

Follow all safety rules and procedures established for work area.

Perform related duties and responsibilities as required.

QUALIFICATIONS**Knowledge of:**

Advanced networking technologies, data and voice communications systems, routers and firewall devices, image and data transmission, application development principles and database design, local area networks (LAN), and working knowledge of client/server applications, securities and internet/intranet applications.

Relational database theory and design fundamentals.

Website design and administration principles.

Principles of network operating systems and specialized applications of the City.

Operational characteristics of various computer systems, databases, applications and peripheral equipment including client-server software; Maintenance and repair techniques.

City of Camas

Information Technology Systems Analyst/Programmer

Advanced computer languages and programming practices (Visual Basic.Net, VBScript, ASP, PHP, Java Script).

Advanced database administration (SQL Server, MySQL, SQL, Access, Progress).

Advanced Methods and techniques of troubleshooting hardware and software configurations and problems.

Principles and practices of training and instruction.

Principals of Voice over Internet Protocol (VoIP), voice telecommunications and voicemail system support and security.

Modern office procedures, methods, troubleshooting and problem solving protocols.

Ability to:

Diagnose, install, configure and troubleshoot hardware and software problems in a complex network environment, identify solutions, make and implement recommendations.

Respond to after-hours network emergencies and outages timely.

Perform advanced network application/system administration, engineering, and system monitoring.

Support and maintain city databases, develop reports, forms and enhance the features for users.

Develop web applications (e-commerce, e-government, forms, applications, etc.) for continued enhancement to usability of the city's website for the public.

Participate in various information technology projects and computer support activities.

Develop and conduct training programs for client-server applications and programs.

Manage time and schedule activities effectively. Respond to requests and inquiries from network users and provide assistance as needed.

Operate personal computers, printers and other peripheral equipment.

Communicate clearly and concisely, both orally and in writing.

Maintain confidentiality of sensitive files and materials accessed, discussed or observed.

Establish and maintain effective working relationships with those contacted in the course of work.

Education and Experience Guidelines

Any combination of education and experience that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Education:

Equivalent to a Bachelor's degree in computer science or related field

Experience:

Three years of increasingly responsible experience in database design and support, system and application administration and support, and programming and development including: web development, programming and database management, SQL/Access and application report writing, e-commerce, and intranet development

City of Camas

Information Technology Systems Analyst/Programmer

Equipment used:

Personal computers, network servers, LAN and WAN hardware (firewalls, routers, switches, etc.), network/phone diagnostic equipment, light hand tools, and general office equipment

Computer Skills:

Intermediate to advanced understanding of Windows (TCP/IP) network operating system and desktop support, DNS, Active Directory, Windows Servers, database design and administration

General firewall, VPN concepts and configuration, and understanding of VoIP telecommunications systems

Advanced skills in database systems (SQL) database management, ODBC connectivity and reporting tools

Specific skills in Windows Server, Visual Studio, web development and design, and other related basic tools preferred

Programming and scripting abilities such as Visual Basic.NET, VBScript, VB for Applications

Experience programming API's

Certifications:

Professional networking and/or programming certification such as Microsoft Certified Database Administrator (MCDBA) or Microsoft Certified Solutions Associate (MCSA) is preferred.

Possession of an appropriate, valid Driver's License is required.

PHYSICAL DEMANDS AND WORKING CONDITIONS

The physical demands herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform these essential job functions.

Environment: Office/field environment; exposure to computer screens.

Mobility: Sitting for prolonged periods of time; extensive use of computer keyboard.

Vision: Visual acuity to read computer screens.

Other Factors: Incumbents may be required to work extended hours including evenings and weekends. Incumbents may be required to travel outside City boundaries to attend meetings.

Salary Scale effective April 1, 2016

Position							
	1	2	3	4	5	6	7
IT Systems Analyst/Programmer	5946	6124	6306	6498	6692	6893	7102

INFORMATION TECHNOLOGY SUPPORT SPECIALIST

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are **not** intended to reflect all duties performed within the job.*

JOB OBJECTIVES

Under general supervision of the Technology Director, to perform a variety of moderate to complex hardware and software maintenance, user support and training functions associated with the City's personal computers and basic network operations; provide specialized technical support for core City applications and systems, provide assistance in maintaining the City's network system; and to perform a variety of duties relative to assigned area of responsibility.

ESSENTIAL FUNCTION STATEMENTS

The following tasks are typical for positions in this classification. Any single position may not perform all of these tasks and/or may perform similar related tasks not listed here:

Provide daily operational support for business applications software program(s) including responding to and resolving routine technology support issues from system users, data entry, printing and distributing reports.

Procure, install, configure, troubleshoot and repair all network or user-specific hardware and peripheral devices. Analyze and resolve service and support issues.

Install, configure upgrade and maintain computer and other devices' software including operating systems, client connectivity to the network and desktop applications. Analyze, research and resolve software conflicts and application error messages for end-users.

Troubleshoot and configure the users printing environment.

Assist users in optimizing their desktop environment; create icons and shortcuts and provide desktop training; assist in restoring or recovering files or corrupted data.

Monitor, review, schedule and communicate assigned work orders with departments and staff on technology work order status and work projects at the technician level and escalate timely unresolved technology support issues.

Maintain the City's information technology inventory and asset tag system; monitor hardware, track warranty and support information, software programs and maintain licensing compliance.

Work with vendors in requesting service on equipment under warranty, identifying hardware and software conflicts or problems, researching new products and ordering supplies.

CITY OF CAMAS**Information Technology Support Specialist (*Continued*)**

Research and evaluate new technologies. Consult with Technology Department staff on identified potential new technologies or services. Develop proposals, including time, equipment and costs for implementation of new services or service/system upgrades.

Monitor and repair all virus, spam and malware alarms and activity reported from devices on the City's network. Provide assistance in establishing network hardware and software environment standards; research hardware and software prices and recommend purchases as appropriate.

Provide assistance in various information technology projects that affect the user environment; provide user training in new technologies as needed.

Develops, maintains and updates technical documentation such as desktop configurations, procedures, problems and fixes, vendor support contracts/procedures and disaster recovery procedures; develops, updates and distributes user instructional documentation.

Assist in maintaining and updating the City's website.

SECONDARY FUNCTION STATEMENTS

Performs other duties as assigned that support the overall objective of the position and goals of the Department.

Assist in coordinating training programs, training computer end-users in using network and computer resources and in providing training on technology upgrades or new resources.

Performs other functions within the department as necessary or assigned by Director.

AUXILIARY FUNCTION STATEMENTS

Follow all safety rules and procedures established for work area.

Perform related duties and responsibilities as required.

QUALIFICATIONS**Knowledge of:**

Operational characteristics of various computer systems, applications and peripheral equipment including client-server software.

Methods and techniques of hardware and software configuration and installation.

Methods and techniques of troubleshooting hardware and software problems.

General knowledge of networking technologies, image and data transmission, telecommunications and client-server applications.

Modern office procedures, methods, troubleshooting and problem solving protocols.

Basic principles and practices of network administration.

CITY OF CAMAS

Information Technology Support Specialist (*Continued*)

General word processing, spreadsheet, database and reporting programs.

Web page development and programming.

Ability to:

Diagnose hardware and software problems, identify solutions, make and implement recommendations.

Diagnose and repair user printer issues on the network and local.

Respond to after-hours network emergencies and outages timely.

Install, configure and upgrade hardware and software in a mixed network environment.

Operate personal computers, printers and other peripheral equipment.

Participate in various information technology projects and computer support activities.

Manage time and schedule activities effectively. Respond to requests and inquiries from network users and provide assistance as needed.

Manage time and schedule activities effectively. Respond to requests and inquiries from network users and provide assistance as needed.

Communicate clearly and concisely, both orally and in writing.

Maintain confidentiality of sensitive files and materials accessed, discussed or observed.

Establish and maintain effective working relationships with those contacted in the course of work.

Education and Experience Guidelines

Any combination of education and experience that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Education:

Equivalent to an Associate's degree from an accredited college or university with major course work in information technology, computer science or a related field.

Experience:

Two years of increasingly responsible experience in the maintenance, installation and upgrading of computer hardware and software.

Equipment used:

Personal computers, laptops, tablets, mobile devices, network servers, LAN and WAN hardware (bridges, routers, switches, etc.), light hand tools, and general office equipment.

Computer Skills:

Intermediate to advanced Windows (TCP/IP) network operating system, wireless configuration and desktop/client support. General knowledge of TCP/IP, DNS, Active Directory, Windows Server, General firewall, VPN concepts and configuration. Advanced skills in Microsoft Office, mail systems and strong troubleshooting/analytical skills required. Experience with HTML, FTP and client applications a plus.

CITY OF CAMAS

Information Technology Support Specialist *(Continued)*

Certifications: Professional networking and/or technology certifications preferred

Possession of an appropriate, valid driver's license is required

PHYSICAL DEMANDS AND WORKING CONDITIONS

The physical demands herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform these essential job functions.

Environment: Office/field environment; exposure to computer screens.

Mobility: Light lifting; sitting for prolonged periods of time; extensive use of computer keyboard.

Vision: Visual acuity to read computer screens.

Other Factors: Incumbents may be required to work extended hours including evenings and weekends. Incumbents may be required to travel outside City boundaries to attend meetings..

INFORMATION TECHNOLOGY NETWORK ADMINISTRATOR

Class specifications are intended to a descriptive list of the range of duties performed by employees in the class. Specifications are not intended to reflect all duties performed within the job.

JOB OBJECTIVES

Under general supervision of the Technology Director, plans, designs and develops the City's information technology network. Acquires, installs, implements and maintains the City's network systems including WAN/LAN development and management, securities and virus monitoring, wireless and mobile technologies design and support, server hardware and operating system updates and maintenance, and updates and support for the communications systems and servers. Organizes, documents and monitors the City's network infrastructure for reliable technology operations throughout the city.

ESSENTIAL FUNCTION STATEMENTS

The following tasks are typical for positions in this classification. Any single position may not perform all of these tasks and/or may perform similar related tasks not listed here.

Plan, engineer and maintain the City's enterprise data, voice and video networks and systems. Design, install, maintain and upgrade all network hardware and software; including, servers, routers, switches, firewalls, phone system and equipment, voicemail, and equipment; Provide advanced level support and technical expertise in networking technology.

Administer the operation of all LAN/WAN-related network services according to industry standards and security best practices.

Assume responsibility for administering the City's central VoIP system, voicemail and related telecommunication and internet services of the City; maintain system databases; establish and configure user accounts and work with vendor on outsourced support and service related issues;

Monitor and evaluate network and system performance. Manage network traffic including printing, file sharing and connectivity to external agencies. Maintain secure transfer of data throughout City locations via internal and external networks. Maintain the wireless infrastructure and mobile or remote connectivity to the City's network.

Establish and maintain the backup, version-control and viral defenses of the City. Monitor and support the City's disaster recovery technology plan, implementation and testing.

Research and evaluate new technologies. Consult with Technology Department staff on identified potential new technologies or services. Develop proposals, including time, equipment and costs for implementation of new services or system upgrades.

Communicate with department staff to report and resolve software, hardware and operational problems and security violations. Communicate and recommend improvements (work flow/productivity/cost savings) with emergent technologies to Technology Director.

Work closely with external vendors and monitor and control all remote access to City systems and resources.

City of Camas***Information Technology Network Administrator (Continued)***

Update technical documentation, such as client and application specific installation configurations, problem fixes, and vendor support. Maintain the City's information technology inventory and asset tag system; monitor hardware, warranty and support information, software programs and licensing compliance.

Monitor, review, schedule and communicate assigned work orders.

Provide assistance on technology projects and participates on project teams as assigned.

SECONDARY FUNCTIONS

Performs other duties as assigned that support the overall objective of the position and goals of the Department.

Communicate project design and recommendations to the Technology Department timely, coordinating and planning yearly project priorities with the team.

Provide backup for computer support including hardware and software desktop support; including installing, configuring, and repairing computers and providing support to employees across the network.

Assist in coordinating training programs, training computer end-users in using network and computer resources and in providing training on technology upgrades or new resources.

Performs other functions within the department as necessary or assigned by Director.

AUXILIARY FUNCTION STATEMENTS

Follow all safety rules and procedures established for work area

Perform related duties and responsibilities as required.

QUALIFICATIONS**Knowledge of:**

Advanced networking technologies, Ethernet and TCP/IP, data and voice communications systems, wireless and mobile network systems and securities, image and data transmission, local area networks (LAN), VMware, Storage area networks, Hypervisor, client/server applications and internet/intranet applications.

Advanced network administration, engineering, and system monitoring, including advanced methods and techniques of troubleshooting hardware and software configurations and problems.

Advanced knowledge of network, system and securities, system oversight and management of network resources.

Working knowledge of network equipment (routers, etc.) and VoIP phone/voicemail systems.

Operational characteristics of various computer systems, databases, application development and peripheral equipment including client-server software. Maintenance and repair techniques.

Standard computer languages, relational database architecture and reporting; SQL and HTML languages and others.

Basic principles and practices of training and instruction.

City of Camas

Information Technology Network Administrator (Continued)

Modern office procedures, methods, troubleshooting and problem solving protocols.

Ability to:

Adapt to changes in work environment; manages competing demands; changes approach or method to best fit the situation; able to deal with frequent change, delays, and timely response to priority technology network support.

Configure, install, troubleshoot, diagnose and repair hardware and software in a complex network environment, identify solutions, make and implement recommendations.

Provide back up support and maintenance for the city databases and monitor server resources.

Participate in various information technology projects and computer support activities.

Respond to after-hours network emergencies and outages timely.

Manage time and schedule activities effectively. Respond to requests and inquiries from network users and provide assistance as needed.

Operate personal computers, printers and other peripheral equipment.

Communicate clearly and concisely, both orally and in writing.

Maintain confidentiality of sensitive files and materials accessed, discussed or observed.

Establish and maintain effective working relationships with those contacted in the course of work.

Education and Experience Guidelines

Any combination of education and experience that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Education:

Equivalent to a Bachelor's degree in computer science or related field

Experience:

Three years of increasingly responsible experience in networking/systems design and maintenance including: experience in planning, overseeing and monitoring enterprise data, voice and video networks and systems; maintaining servers, routers, switches, firewalls, phone and voicemail systems and equipment; and providing advanced level support and technical expertise in networking technology

Equipment used:

Personal computers, network servers, LAN and WAN hardware (bridges, routers, switches, etc.), network/phone diagnostic equipment, light hand tools, and general office equipment

Computer Skills:

Advanced Windows (TCP/IP) network operating system and desktop support.

City of Camas**Information Technology Network Administrator (Continued)**

Advanced understanding of TCP/IP, DNS, Active Directory, Windows Servers and administration.

Advanced firewall, VPN concepts and configuration, and understanding of VoIP telecommunications systems required.

Knowledge of Windows servers, Linux, MS SQL Server.

Advanced skills in database systems, database management, ODBC connectivity and reporting tools are preferred.

MS-SQL database administration and support preferred.

Certifications:

Professional networking certification (ie MCSE, CCNP, etc.) strongly desired. Other combinations of education, experience and other certifications and training will be considered.

Possession of an appropriate, valid Driver's License is required.

PHYSICAL DEMANDS AND WORKING CONDITIONS:

The physical demands herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform these essential job functions.

Environment: Office/field environment; exposure to computer screens.

Mobility: Sitting for prolonged periods of time; extensive use of computer keyboard.

Vision: Visual acuity to read computer screens.

Other Factors: Incumbents may be required to work extended hours including evenings and weekends. Incumbents may be required to travel outside City boundaries to attend meetings.

Salary Scale effective April 1, 2016

Position							
	1	2	3	4	5	6	7
IT Network Administrator	5946	6124	6306	6498	6692	6893	7102