

INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Services Committee
FROM: Hari Ponnekanti, Public Works Director/City Engineer

BY: Adib Altallal, Utilities Engineer

CC: Mayor Allan Ekberg

DATE: **May 12, 2023**

SUBJECT: S 152nd St Watermain Replacement & Extension Project

Project No. 91640103 Construction Bid Award

ISSUE

Approve construction bid award with HCON Incorporated for the S 152nd St Watermain Replacement & Extension Project.

BACKGROUND

In 2022, the City contracted with BHC Consultants as the design consultant for the S 152nd St Watermain Replacement & Extension Project under Contract No. 22-007. This project is part of the larger watermain improvements in the Tukwila Hill area identified in the Comprehensive Plan, which included Macadam Rd Watermain Replacement and will include S 149th St & S 150th St Watermain Replacements in 2024.

DISCUSSION

A call for bids was advertised for the S 152nd St Watermain Replacement & Extension Project on April 17, and April 24, 2023. Seven bids were opened on May 2, 2023, and the confirmed lowest bidder was HCON Incorporated with a bid of \$1,389,700.88. The engineer's estimate was \$1,350,475.06.

FINANCIAL IMPACT

Construction costs associated with the S 152nd St Watermain Replacement & Extension Project will be 100% funded by the water enterprise fund. City staff will address construction management (CM) inhouse in order compensate for the potential increase in construction costs.

Cost Estimate	Construction and CM Budget
\$1,389,700.88	

 Contract
 \$1,389,700.88

 Contingency – 15%
 \$208,455.13

 Total
 \$1,598,156.01

\$1,750,000.00

RECOMMENDATION

Council is being asked to approve the construction award with HCON Incorporated in the amount of \$1,389,800.88 (plus contingency) for the S 152nd St Watermain Replacement & Extension Projects and consider this item on the Consent Agenda at the May 22, 2023 Special Meeting.

Attachments: 2023 CIP, Page 55

HCON Construction Contract

Bid Tabulation

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2023 to 2028

PROJECT: S 152nd Street Waterline Extension & Replacement Project No. 91640103

DESCRIPTION: Design and construct 2,000 LF of 12" ductile iron waterline in S 152nd Place from Macadam Rd. to Sunwood Blvd.

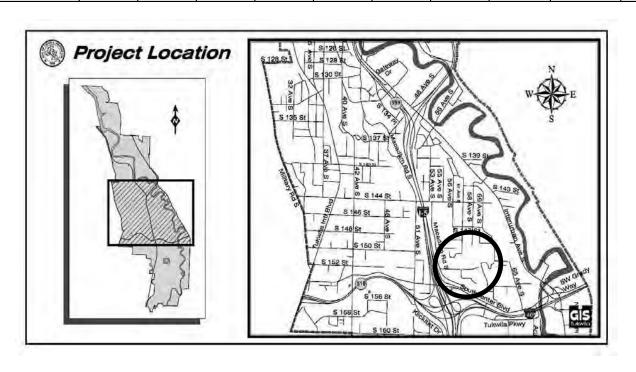
JUSTIFICATION: The proposed waterline will also meet fire flow requirements.

STATUS: Easement acquisitions will be needed.

MAINT. IMPACT: Reduce water quality issues by removing a dead-end and upsizing existing main.

COMMENT: Planned to be combined with S 152nd Street Waterline Replacement project.

FINANCIAL	Through	Estimated								
(in \$000's)	2021	2022	2023	2024	2025	2026	2027	2028	BEYOND	TOTAL
EXPENSES										
Design		195	130							325
Land (R/W)										0
Const. Mgmt.			250							250
Construction			1,500							1,500
TOTAL EXPENSES	0	195	1,880	0	0	0	0	0	0	2,075
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	0	195	1,880	0	0	0	0	0	0	2,075
TOTAL SOURCES	0	195	1,880	0	0	0	0	0	0	2,075





Issued for Bid



CONTRACT PROVISIONS

FOR

S 152ND STREET WATERMAIN REPLACEMENT & EXTENSION

Project Number: 916 401 03

April 2023

Prepared for:

CITY OF TUKWILA 6200 Southcenter Boulevard Tukwila, Washington 98188

Prepared by:

CONSULTANT



BHC Consultants, LLC 1601 Fifth Ave. Suite 500 Seattle, WA 98101 (206) 505-3400 www.bhcconsultants.com



INFORMATION FOR BIDDERS



INFORMATION FOR BIDDERS

The following supplements the information in the Call for Bids:

1. Examination of Plans, Specifications, and Site

Before submitting the bid, the Contractor shall carefully examine each component of the Bid Documents prepared for the Work and any other available supporting data so as to be thoroughly familiar with all the requirements. However, the Owner or Consulting Engineer will not assume responsibility for variations of subsoil quality or condition at locations other than places shown and at the time investigation was made (if any). The availability of this information shall not relieve the Bidder of the duty to examine the project site nor of any other responsibility under the Contract.

The Bidder shall make an alert, heads-up, eyes-open reasonable examination of the project site and conditions under which the Work is to be performed, including but not limited to: current site topography, soil and moisture conditions; underground obstructions; the obstacles and character of materials which may be encountered; traffic conditions; public and private utilities; the availability and cost of labor; and available facilities for transportation, handling, and storage of materials and equipment.

See Section 1-05.14 of the Special Provisions for identification of any other work that is to be performed on or near the project site by others.

2. Property Issues - Permits, Easements, Licenses to Construct

All bidders shall base their bids upon full restoration of all property within the right-of-way and easements, and wherever Bidder will have 'license to construct'. The easements and license to construct documents that have been acquired are available for inspection and review. The Bidder is advised to review the conditions of the permits, easements, and licenses to construct, as they shall be required to comply with all conditions at no additional cost to the Owner. All other permits, licenses, etc., shall be the responsibility of the Bidder. The Bidder shall comply with the requirements of each.

3. Interpretation of Bid Documents

The Bidder shall promptly notify Owner of any discovered conflicts, ambiguities, or discrepancies in or between, or omissions from the Bid Documents. Questions or comments about these Bid Documents should be directed to the attention of: Adib Altallal, 6200 Southcenter Boulevard, Tukwila, WA 98188, phone (206) 240-0633.

Questions received less than two (2) days prior to the date of bid opening may not be answered. Any interpretation or correction of the Bid Documents will be made only by addendum, and a copy of such addendum will be posted on Builder's Exchange of Washington and registered plan holders notified by email. The Owner will not be responsible for any other explanations or interpretations of the Bid Documents. No oral interpretations of any provision in the Bid Documents will be made to any Bidder.

It is the intent of the Owner to award the project to the lowest responsible BIDDER for the total price bid.

4. Special Schedule Considerations/Sequencing of Work

Night work will be allowed with prior approval from the Owner.

5. Wages

Washington State Prevailing Wage rates apply to this project. The Owner requires strict adherence to, and will monitor compliance with, applicable wage rates. Weekly Certified Payrolls are required. All Contractors are responsible for payment of prevailing wages to all "workers employed directly upon the site of the work" under the contract. All Contractors shall provide weekly certified payroll reports that are complete and comply with State law and the conditions set out in the Contract Documents. The Contractor is also responsible for the compliance with the above requirements of all Subcontractors and Sub-Subcontractors. All contractors shall complete and provide all Owner required documentation and forms. Non-compliance with the above requirements will result in denial of the Contractor's application for payment. No exceptions will be made.

7. State Sales Tax

See APWA GSP 1-07.2 in the Special Provisions.

8. Bidding Checklist

All bids shall be submitted on the exact forms provided in these Bid Documents and listed below. Failure to submit any of these forms is grounds for rejection of the bid. The only exception is if the bidder follows the directions for Bids Submitted on Computer Printouts, following the bid proposal forms.

Sealed bids for this proposal shall be submitted as specified in the Call for Bids. Each bid must be submitted in a sealed envelope bearing on the outside the name and address of the Bidder, and must be clearly marked with the name and number of the project for which the bid is submitted:

BID FOR TUKWILA S 152ND STREET WATERMAIN REPLACEMENT & EXTENSION PROJECT NUMBER 916 401 03

All bids will remain subject to acceptance for ninety (90) days after the day of the bid opening.

- a. Proposal Bidders must bid on all items contained in the Proposal. The omission or deletion of any bid item will be considered nonresponsive and shall be cause for rejection of the bid.
- b. Bid Security/Bid Bond Bid Bond is to be executed by the Bidder and the surety company unless bid is accompanied by a cash deposit, certified or cashier's check, or postal money order. The amount of this security/bond shall be not less than five percent (5%) of the total bid, including sales tax, if applicable, and may be shown in dollars. Surety must be authorized to do business in the State of Washington and must be on the current Authorized Insurance List in the State of Washington per Section 1-02.7 of the Standard Specifications.

The Bid Security form included in these Contract Provisions MUST be used; no substitute will be accepted. If an attorney-in-fact signs bond, a certified and effectively dated copy of their Power of Attorney must accompany the bond.

The deposit of the successful Bidder will be returned provided Bidder executes the Agreement, furnishes satisfactory Payment and Performance Bond covering the full amount of work, and provides evidence of insurance coverage, within ten (10) days after Notice of Award. Should Bidder fail or refuse to do so, the Bid Deposit or Bond shall be forfeited to the City of Tukwila as liquidated damages for such failure.

The Owner reserves the right to retain the security of the three (3) lowest bidders until the successful Bidder has executed the Agreement and furnished the bond.

c. Non-Collusion Affidavit – Must be filled in, signed, and notarized.

d. Responsible Bidder Determination Form

e. Certificate of Compliance with Wage Payment Statutes

f. Proposed Equipment and Labor Schedule

Regarding forms d, e, f, and g, the Owner reserves the right to check all statements and to judge the adequacy of the Bidder's qualifications, and to reject Bidder as not responsible based on this information.

9. Contract Checklist

The following forms are to be executed by the successful Bidder after the Contract is awarded. The Agreement and Payment and Performance Bond are included in these Bid Documents and should be carefully examined by the Bidder.

- a. Agreement Two (2) copies to be executed by the successful Bidder.
- b. Payment and Performance Bond Two (2) copies to be executed by the successful Bidder and its surety company. This bond covers successful completion of all work and payment of all laborers, subcontractors, suppliers, etc. The bond continues in effect at ten percent (10%) of the total price bid for one year after final acceptance of the Work.

The bond form included in these Bid Documents MUST be used; no substitute will be accepted. If an Attorney-in-fact signs bond, a certified and effectively dated copy of their Power of Attorney must accompany the bond.

c. Certificates of Insurance – To be executed by an insurance company acceptable to the Owner, on ACORD Forms. Required coverages are listed in Section 1-07.18 of the Special Provisions (APWA GSP). The Owner and Consulting Engineer retained by Owner shall be named as "Additional Insureds" on the insurance policies.

The above bid and contract documents must be executed by the Contractor's President or Vice-President if a corporation, or by a partner if a partnership. In the event another person has been duly authorized to execute contracts, a copy of the resolution or other minutes establishing this authority must be attached to the Proposal and Agreement documents.



BID DOCUMENTS



PROPOSAL	PRO	PO	SA	L
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(unit price)

	(
Contractor's Name HCON Inc	corporated				
Contractor's State License No.	HCONII*820DM				
City of Tukwila Project Nos. <u>916 401 03</u>					

To the Mayor and City Council City of Tukwila, Washington

The undersigned (Bidder) hereby certifies that they personally examined the location and construction details of Work outlined in the Contract Documents for the City of Tukwila (Owner) project titled S 152ND STREET WATERMAIN REPLACEMENT & EXTENSION, which project includes, but is not limited to:

Construction of approximately 1,700 linear feet of 12-inch ductile iron watermain on S 152nd Street, and through two easements across private parcels, along with hydrants, valves, services, and other appurtenances. The work also includes installation of one 12-inch check valve vault assembly, connections to the existing water system, trench repair and HMA overlay.

The undersigned further certifies that they have read and thoroughly understand these Documents which govern all Work embraced in this improvement and the methods by which payment will be made for said Work, and thoroughly understands the nature of said Work; and hereby proposes to undertake and complete all Work embraced in this improvement in accordance with these Contract Documents and at the following schedule of rates and prices.

The Bidder understands that the quantities mentioned herein are approximate only and are subject to increase or decrease, and hereby proposes to perform all quantities of work as either increased or decreased in accordance with the Contract Documents.

As evidence of good faith, (check one) 🗓 bid bond or 🗆 cash, 🗀 cashier's check, 🗀 certified check, or 🗀 postal money order made payable to the City of Tukwila equal to five percent (5%) of the Total Bid Price is attached hereto. Bidder understands that, should this offer be accepted by Owner within ninety (90) calendar days after the day of Bid Opening and the Bidder fails or refuses to enter into an Agreement and furnish the required Payment and Performance Bond and liability insurance within ten (10) calendar days after Notice of Award, the Contract shall be null and void and the Bid Deposit or Bond accompanying this Proposal shall be forfeited and become the property of Owner as liquidated damages, all as provided for in the Bid Documents.

Bidder shall attain Physical Completion of all Work in all respects within 120 calendar days from the date stated in the written Notice to Proceed. If the work is not completed within this time period, Bidder shall pay liquidated damages to Owner as specified in Section 1-08.9 of the Standard Specifications for every calendar day work is not Physically Complete after the expiration of the Contract time stated above. In addition, Bidder shall compensate Owner for actual engineering inspection and supervision costs and any other legal fees incurred by Owner as a result of such delay.

S 152ND STREET WATERMAIN REPLACEMENT & EXTENSION PROJECT NUMBER 916 401 03

Note: Unit prices for all items, all extensions, and the total amount bid must be shown. Where conflict occurs between the unit price and the total amount specified for any item, the unit price shall prevail, and totals shall be corrected to conform thereto.

BID SCHEDULES

SCHE	DULE A:	WATERMAIN IMPROVEMENTS				
ITEM NO.	SPEC	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT
A1	1-09.14	Mobilization & Demobilization	1	LS	\$100,000.00	\$100,000.00
A2	1-09.14	Unexpected Site Changes	1	FA	\$ 55,000.00	\$ 55,000.00
А3	1-09.14	Construction Surveying and Staking	1	LS	\$8500.00	\$8500.00
A4	1-09.14	Arborist*	32	HR	\$70.00	\$2240.00
A5	1-09.14	Potholing To Locate Utilities Not Shown on Plans*	50	EA	\$400.00	\$20,000.00
A6	1-09.14	Project Temporary Traffic Control	1	LS	\$75,000.00	\$75,000.00
A7	1-09.14	Tree Removal for Water Main, with Stump Grinding	1	EA	\$9000.00	\$9000.00
A8	1-09.14	Tree Removal for Commercial Meter, with Stump Grinding*	1	EA	\$9000.00	\$9000.00
A9	1-09.14	Hydro-excavation/Vactor*	60	LF	\$115.00	\$6900.00
A10	1-09.14	Trench Safety	1	LS	\$3500.00	\$3500.00
A11	1-09.14	Controlled Density Fill*	30	CY	\$350.00	\$10,500.00
A12	1-09.14	Crushed Surfacing	1,600	TN	\$25.00	\$40,000.00
A13	1-09.14	Extra Trench Excavation*	10	CY	\$1.00	\$10.00
A14	1-09.14	Hot Mix Asphalt Patch	460	TN	\$190.00	\$87,400.00
A15	1-09.14	Hot Mix Asphalt Overlay	53	TN	\$125.00	\$6625.00
A16	1-09.14	Asphalt Planing	455	SY	\$10.00	\$4550.00
A17	1-09.14	6-in. Diam. Class 52 D.I. Pipe & Fittings, Restrained Joint	33	LF	\$140.00	\$4620.00
A18	1-09.14	8-in. Diam. Class 52 D.I. Pipe & Fittings, Restrained Joint	81	LF	\$170.00	\$13,770.00
A19	1-09.14	12-in. Diam. Class 52 D.I. Pipe & Fittings, Restrained Joint	1,723	LF	\$155.00	\$267,065.00
A20	1-09.14	Additional Ductile Iron Fittings, Restrained Joint*	1,400	LB	\$3.00	\$4200.00
A21	1-09.14	1-In. Combination Air Release/Air Vacuum Assembly*	2	EA	\$5000.00	\$10,000.00

ITEM NO.	SPEC	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT
A22	1-09.14	Connection to Existing Watermain	5	EA	\$4600.00	\$23,000.00
A23	1-09.14	6-in. Gate Valve	1	EA	\$1500.00	\$1500.00
A24	1-09.14	8-in. Gate Valve	6	EA	\$2100.00	\$12,600.00
A25	1-09.14	12-in. Gate Valve	12	EA	\$3750.00	\$45,000.00
A26	1-09.14	8-in. Tapping Tee and Valve	1	EA	\$12,500.00	\$12,500.00
A27	1-09.14	400/360 Check Valve Assembly, Including Vault	1	LS	\$50,100.00	\$50,100.00
A28	1-09.14	Fire Hydrant Assembly	7	EA	\$9100.00	\$63,700.00
A29	1-09.14	1-In. Water Service	1	EA	\$4000.00	\$4000.00
A30	1-09.14	1.5-In. Water Service	5	EA	\$6000.00	\$30,000.00
A31	1-09.14	2-In. Water Service	2	EA	\$6500.00	\$13,000.00
A32	1-09.14	3-In. Water Service	1	EA	\$15,000.00	\$15,000.00
A33	1-09.14	Erosion and Water Pollution Control	1	LS	\$6500.00	\$6500.00
A34	1-09.14	Restoration and Cleanup	1	LS	\$17,000.00	\$17,000.00
A35	1-09.14	Remove and Replace Concrete Sidewalk and Driveway	60	SY	\$95.00	\$5700.00
A36	1-09.14	Remove and Replace Concrete Curb and Gutter	200	LF	\$52.00	\$10,400.00
A37	1-09.14	Removal of Structures and Obstructions	1	LS	\$28,000.00	\$28,000.00
			SUBTO	TAL,	SCHEDULE A	\$1,075,880.00
	Washington State Sales Tax (10.1%)					\$108,663.88
			TO	OTAL	SCHEDULE A	\$1,184,543.88

^{*} Denotes contingent items of work per Special Provisions Section 1-04.4

SCHE	EDULE B:	ROAD IMPROVEMENTS				
ITEM NO.	SPEC	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT
B1	1-09.14	Construction Surveying and Staking	1	LS	\$11,000.00	\$11,000.00
B2	1-09.14	Removal of Structures and Obstructions	1	LS	\$15,600.00	\$15,600.00
ВЗ	1-09.14	Roadway Excavation Incl. Haul*	110	CY	\$50.00	\$5500.00
B4	1-09.14	Crushed Surfacing	60	TN	\$38.00	\$2280.00
B5	1-09.14	Hot Mix Asphalt Patch	60	TN	\$255.00	\$15,300.00
В6	1-09.14	Hot Mix Asphalt Overlay	550	TN	\$135.00	\$74,250.00
В7	1-09.14	Asphalt Planing	4,310	SY	\$8.00	\$34,480.00
B8	1-09.14	Cement Conc. Traffic Curb and Gutter	227	LF	\$45.00	\$10,215.00
В9	1-09.14	Cement Conc. Pedestrian Curb	70	LF	\$38.00	\$2660.00
B10	1-09.14	Extruded Curb	13	LF	\$250.00	\$3250.00
B11	1-09.14	Cement Conc. Sidewalk	46	SY	\$82.00	\$3772.00
B12	1-09.14	Cement Conc. Curb Ramp Type Parallel A	26	SY	\$225.00	\$5850.00
B13	1-09.14	Cement Conc. Curb Ramp Type Modified Parallel	20	SY	\$300.00	\$6000.00
B14	1-09.14	Permanent Signing	1	LS	\$5500.00	\$5500.00
B15	1-09.14	Pavement Markings	1	LS	\$9500.00	\$9500.00
			SUBTO	TAL,	SCHEDULE B	\$205,157.00
	Was	shington State Sales Tax (0%, Per	State Sa	ales Ta	ax – Rule 171)	\$0.00
TOTAL SCHEDULE B					\$205,157.00	

^{*} Denotes contingent items of work per Special Provisions Section 1-04.4

TOTAL SCHEDULE A	\$1,184,543.88
TOTAL SCHEDULE B	\$205,157.00
TOTAL AMOUNT (SCHEDULES A AND B)	\$1,389,700.88

Total Bid Price in

Words:

One Million, three hundred eighty nine thousand, seven hundred dollars & eighty eight cents

Bids Submitted on Computer Printouts

Bidders, at their option, in lieu of handwriting in the unit prices in figures in ink on the Bid forms above, may submit an original computer printout sheet with their bid, as long as the following requirements are met:

- Each sheet of the computer printout must contain the exact same information as shown on the hard-copy bid form - Project Name, Schedule Name, column headings - in the order shown, totals, etc.
- 2. The computer printout of the Bid Proposal must have the exact certification language shown below, signed by the appropriate officer of the firm.
- 3. If a computer printout is used, the bidder must still execute that portion of the unit price Bid form which acknowledges the Bid Guaranty, Time of Completion, and all addenda that may have been issued, etc.

If any of these things are missing or out of order, the bid may be rejected by the Owner.

The unit and lump sum prices shown on acceptable printouts will be the unit prices used to tabulate the Bid and used in the Contract if awarded by the City. In the event of conflict between the two, unit Bid prices will prevail over the extended (Total) prices. If the Bid submitted by the bidder contains both the form on these Bid Proposal sheets, and also a computer printout, completed according to the instructions, the unit bid prices shown on the computer printout will be used to determine the bid.

Put this certification on the last sheet of the Bid computer printout, and sign:

(YOUR FIRM'S NAME) certifies that the unit prices shown on this complete computer print-out for all of the big items contained in this Proposal are the unit and lump sum prices intended and that its Bid will be tabulated using these unit prices and no other information from this print-out. (YOUR FIRM'S NAME) acknowledges and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total Bid amount will be determined by multiplying the unit Bid prices shown in this print-out by the respective estimated quantities shown on the Bid form then totaling all of the extended amounts.

Title: HCON Inc. - Owner/President

Date: 5/2/2023

Signed

By signing below, Bidder acknowledges receipt and understanding of the following Addenda to the Bid Documents:

Addendum		Addendum	
No.	Date of Receipt	No.	Date of Receipt
1	NA	3	
2		4	

NOTE: Failure to acknowledge receipt of Addenda may be considered as an irregularity in the Bid Proposal and Owner reserves the right to determine whether the bid will be disqualified.

By signing below, Bidder certifies that Bidder has reviewed the insurance provisions of the Bid Documents and will provide the required coverage.

It is understood that Owner may accept or reject all bids.

The Surety Company which will furnish the required Payment and Performance Bond is:

(Name)	of (01 UNIOY) ST. SCATTK, U (Address)
Bidder: HCON Incorporated	(Address)
Signature of Authorized Official:	
Printed Name and Title:	Joshuah Helm, HCON Inc Owner/President
Address:	312 E Pioneer Puyallup, WA 98372
Check One:	ership State of Incorporation: Washington
☐ Joint Venture 区 C	orporation
Phone No.: 253-268-3060	Date: 5/2/2023

This address and phone number is the one to which all communications regarding this proposal should be sent.

NOTES:

- If the Bidder is a co-partnership, give firm name under which business is transacted; proposal must be executed by a partner. If the Bidder is a corporation, proposal must be executed in the corporate name by the president or vice-president (or any other corporate officer accompanied by evidence of authority to sign).
- 2. A bid must be received on all items. If either a unit price or an extension is left blank (but not both) for a bid item, the Owner will multiply or divide the available entry by the quantity, as applicable, and enter it on the bid form. If there is no unit price or extension for one or more bid item(s), the proposal will be rejected.

S 152ND STREET
WATERMAIN REPLACEMENT & EXTENSION
PROJECT NUMBER 916 401 03

APRIL 2023

BID SECUR	ITY
Bid Deposit: The undersigned Principal hereby dep in the form of a cash deposit, certified or cashier's chof	neck, or postal money order in the amount
(\$).	
OR –	
Bid Bond: The undersigned, HCON Incorporated (Principal), and Lexon Insurance Company bound unto the City of Tukwila (Owner) in the penal Five Percent (5%) of Bid Amount	(Surety), are held and firmly sum of dollars
(\$ <u>5% of Bid Amount</u>), which for the payment of w their heirs, executors, administrators, successors and of Surety under this Bid Bond shall be limited to the	d assigns, jointly and severally. The liability
Conditions: The Bid Deposit or Bid Bond shall be at the total bid, including sales tax and is submitted by Proposal for S 152 ND STREET WATERMAIN REPLATION 401 03, according to the terms of the Proposal and E	Principal to Owner in connection with a ACEMENT & EXTENSION, Project No. 916
Now therefore,	
a. If the Proposal is rejected by Owner, or	
 b. If the Proposal is accepted and Principal shall of Owner in accordance with the terms of the Prop faithful performance of said Project and for the furnishing materials in connection therewith, with 	posal and shall furnish a bond for the payment of all persons performing labor or
then this Bid Security shall be released; otherwise it : Principal shall forfeit the Bid Deposit or Surety shall in amount of the Bid Bond, as penalty and liquidated da	mmediately pay and forfeit to Owner the
The obligations of Surety and its Bid Bond shall be in extension of time within which Owner may accept bid any <u>such</u> extension.	
Signed and dated this 2nd day of May	, 20_23
HCON Incorporated	Surety Description:
Signature of Authorized Official	Alyssa J. Lopez, Attorney in Fact (Attach Power of Attorney)
HUON Ind Phnapal Jouner	
Name and address of local office of	Propel Insurance
agent and/or Surety Company:	601 Union Street, Suite 3400
	Seattle, WA 98101
Surety companies executing bonds must appear on the cu Washington per Section 1-02.7 of the Standard Specificati	

S 152ND STREET WATERMAIN REPLACEMENT & EXTENSION PROJECT NUMBER 916 401 03

APRIL 2023



POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS, that Endurance Assurance Corporation, a Delaware corporation, Endurance American Insurance Company, a Delaware corporation, Lexon Insurance Company, a Texas corporation, and/or Bond Safeguard Insurance Company, a South Dakota corporation, each, a "Company" and collectively, "Sompo International," do hereby constitute and appoint: Aliceon A. Keltner, Cynthia L. Jay, Eric A. Zimmerman, James B. Binder, Brandon K. Bush, Jacob T. Haddock, Diane M. Harding, Jamie L. Marques, Carley Espiritu, Christopher Kinyon, Brent E. Heilesen, Annelies M. Richie, Holli Albers, Michael S. Mansfield, Sara Sophie Sellin, Donald Percell Shanklin Jr., Misti M. Webb, Kari Michelle Motley, Bryan Richard Ludwick, Tamara A. Ringeisen, Dana Marie Brinkley, Amelia G. Burrill, Katharine J. Snider, Amber Lynn Reese, Justin Dean Price, Julie R. Truitt, Sherri W. Hill, Lindsey Elaine Jorgensen, Alyssa J. Lopez, Alexa Manley, Lois F. Weathers, Terrie L. Conard as true and lawful Attorney(s)-In-Fact to make, execute, seal, and deliver for, and on its behalf as surety or co-surety; bonds and undertakings given for any and all purposes, also to execute and deliver on its behalf as aforesaid renewals, extensions, agreements, waivers, consents or stipulations relating to such bonds or undertakings provided, however, that no single bond or undertaking so made, executed and delivered shall obligate the Company for any portion of the penal sum thereof in excess of the sum of One Hundred Million Dollars (\$100,000,000.00).

Such bonds and undertakings for said purposes, when duly executed by said attorney(s)-in-fact, shall be binding upon the Company as fully and to the same extent as if signed by the President of the Company under its corporate seal attested by its Corporate Secretary.

This appointment is made under and by authority of certain resolutions adopted by the sole shareholder of each Company by unanimous written consent effective the 15th day of June, 2019, a copy of which appears below under the heading entitled "Certificate".

This Power of Attorney is signed and sealed by facsimile under and by authority of the following resolution adopted by the sole shareholder of each Company by unanimous written consent effective the 15th day of June, 2019 and said resolution has not since been revoked, amended or repealed:

RESOLVED, that the signature of an individual named above and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signature or seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, each Company has caused this instrument to be signed by the following officers, and its corporate seal to be affixed this 15th day of June, 2019.

Endurance Assurance Corporation

Richard Appel; SVP & Senior Counsel

ssurance 2002 DELAWARE

Endurance American Insurance Company

By: Richard Appel; SVP-&, Senior Counsel

1996

Lexon Insurance Company

Richard Appel; SVP 8 Senior Counsel

Bond Safeguard Insurance Company

Bv: // Richard Appel; SVP & Senior Counsel

SURPO INSURY SAFE SOUTH INSURANCE

ACKNOWLEDGEMENT

On this 15th day of June, 2019, before me, personally came the above signatories known to me, who being duly sworn, did depose and say that he executed said instrument on health of each Company by sutherity of his office under the by-lives of each Company. of the Companies; and that he executed said instrument on behalf of each Company by authority of his office under the by Alaws of each Company.

Taylor, Notary Public

My Commission Expires

CERTIFICATE

I, the undersigned Officer of each Company, DO HEREBY CERTIFY that:

- 1. That the original power of attorney of which the foregoing is a copy was duly executed on behalf of each Company and has not since been revoked amended or modified; that the undersigned has compared the foregoing copy thereof with the original power of attorney, and that the same is a true and correct copy of the original power of attorney and of the whole thereof;
- 2. The following are resolutions which were adopted by the sole shareholder of each Company by unanimous written consent effective June 15, 2019 and said resolutions have not since been revoked, amended or modified:

"RESOLVED, that each of the individuals named below is authorized to make, execute, seal and deliver for and on behalf of the Company and all bonds, undertakings or obligations in surety or co-surety with others. RICHARD M. APPEL, BRIAN J. BEGGS, CHRISTOPHER DONELAN, SHARON L. SIMS, CHRISTOPHER L. SPARRO, MARIANNE L. WILBERT

RESOLVED, that each of the individuals named above is authorized to appoint attorneys-in-fact for the purpose of making, executing, sealing and delivering bonds, undertakings or obligations in surety or co-surety for and on behalf of the Company.'

3. The undersigned further certifies that the above resolutions are true and correct copies of the resolutions as so recorded and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal this

20 23

Daniel S. Lurie, retary

NOTICE: U. S. TREASURY DEPARTMENT'S OFFICE OF FOREIGN ASSETS CONTROL (OFAC)

No coverage is provided by this Notice nor can it be construed to replace any provisions of any surety bond or other surety coverage provided. This Notice provides information concerning possible impact on your surety coverage due to directives issued by OFAC. Please read this Notice carefully.

The Office of Foreign Assets Control (OFAC) administers and enforces sanctions policy, based on Presidential declarations of "national emergency". OFAC has identified and listed numerous foreign agents, front organizations, terrorists, terrorists, terrorist organizations, and narcotics traffickers as "Specially Designated Nationals and Blocked Persons". This list can be located on the United States Treasury's website - https://www.treasury.gov/resource-center/sanctions/SDN-List.

In accordance with OFAC regulations, if it is determined that you or any other person or entity claiming the benefits of any coverage has violated U.S. sanctions law or is a Specially Designated National and Blocked Person, as identified by OFAC, any coverage will be considered a blocked or frozen contract and all provisions of any coverage provided are immediately subject to OFAC. When a surety bond or other form of surety coverage is considered to be such a blocked or frozen contract, no payments nor premium refunds may be made without authorization from OFAC. Other limitations on the premiums and payments may also apply.

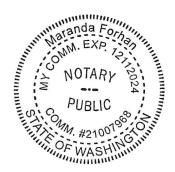
NON-COLLUSION DECLARATION

STATE OF WASHINGTON)	
COUNTY OF KING)	SS.

The undersigned, being first duly sworn, on oath states that the person, firm, association, partnership, joint venture, or corporation named in the Bid Proposal has (have) not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the City of Tukwila project named S 152ND STREET WATERMAIN REPLACEMENT & EXTENSION, Project No. 916 401 03.

HCONncorporated	
Name of Firm	_
Signature of Authorized Official	
HCON Inc Owner/President	
Title	

SEAL



Signed and sworn to before me:

5/2/2023

(Signature)

Dated

Maranda Forhan

(Print Name)

Notary Public in and for the State

of

Washington

Commission

Expires:

12/11/2024

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (USDOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m., eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of USDOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the USDOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

		P
RESPONS	SIBLE BIDDER DETERMINATION	ON FORM
Attach additional sheets as nece	ssary to fully provide the inform	ation required.
Name of Bidder: HCON Incorp	orated	
Address of Bidder: 312 E Pion	eer	
Puyallup	WA	98372
City Contractor's License No. HCON	State III*820DM WA State UBI	Zip Code No604-225-872
License Bond Registration No. <u>U</u>	Dept. of L&I Worker's Com	np. Acct. No. 667,714-00
Bidder is a(n): Individual Incorporated in	Partnership Joint Venture washington	
List business names used by Bid	der during the past 10 years if o	different than above:
Bidder has been in business cont		
Bank Reference Umpqua B		
No. of regular full-time employees		onice, a mone we
Number of projects in the past 10		
Bidder has had experience in wor As a prime contractor for	rk comparable to that required fo	or this Project:
As a subcontractor for	5 years.	
List the supervisory personnel to l project (Project Manager, Principa		
<u>Name</u> Jesse Otterstetter	<u>Title</u> Foreman	How Long <u>With Bidder</u> 4
Mike Weis	Superintendent	5
Name the Surveyor to be used on Attach a resume outlining the experienced in the State of Washington	erience and qualifications of the	Surveyor. Is the Surveyor
A FOND STREET		

RESPONSIBLE BIDDER DETERMINATION FORM				P-12			
Surveyor's Name: AZUK (bren						
List all those projects, of similar na Include a reference for each. Any information. Bidder must have at le nature and size.	attached preprir	nted project li	sting must i	nclude all this			
Project Name	Year Completed	Contract Amount	<u>Nan</u>	ner/Reference ne and Phone			
Project Name Completed Amount Name and Ph Occidental Ave S 2021 \$432K Dan O'Brien 206 Seatac S 221st 2021 \$638K Ptete Kang 206 LWSD 1st Ave 2020 \$1.7 M Andrew Weygrandt 2							
Seatac S 221st 2021 \$638K Ptete Kang 206-64 LWSD 1st Ave 2020 \$1.7 M Andrew Weygrandt 253			eygrandt 253-941-1516				
Lakewood Water 112th	2022	\$478K	lan Blad	ck 253-588-4423			
List all projects undertaken in the la of the Contract by arbitration or litig Name of Client and Project		s: Total Arbi	ed in partial Claims trated	or final settlement Amount of Settlement of Claims			
Has Bidder, or any representative o ☑ No ☐ Yes If yes, give deta							
Has Bidder ever had any Payment/l ▼ No		nds called as	a result of it	s work?			
Project Name	Name Contracting Party						

Has Bidder ever be ☑ No ☐ Yes	een found guilty of violatin If yes, give details:	g any State or F	Federal	employment laws?
Has Bidder ever file insolvency laws? [ed for protection under an ☑ No ☐ Yes If yes,	y provision of th	ne fedei	ral bankruptcy laws or state
Has any adverse le ☑ No ☐ Yes	egal judgment been rende If yes, give details:	red against Bido		•
Compensation or o	of its employees filed any ther insurance company for the past 5 years?	or accidents res	ulting i	n fatal injury or
<u>Date</u>	Type of In	<u>jury</u>		Agency Receiving Claim
		8		
The undersigned was accurate to the best verify all information Signature of Bidder	t of his/her knowledge. The contained herein.	Perjury that the e undersigned a	e forego authoriz	oing information is true and ses the City of Tukwila to
ritle: HCON Inc.	- owner/president	D	ate:	5/2/2023

CERTIFICATE OF COMPLIANCE WITH WAGE PAYMENT STATUTES

The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date, <u>May 2, 2023</u>, the bidder is not a "willful" violator, as defined in RCW 49.48.082, of any provision of Chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgement entered by a court of limited or general jurisdiction.

		-	
Certify under penalty of perjury und	ler the laws o	of the State of Washing	gton that the foregoing is
true and correct.			
HCON Incorporated			
Bidder's Business Name			
Signature of Authorized Official*			
Joshuah Helm			
Printed Name HCON Inc owner/president			
Title	000		
5/2/2023	Puyallu	ıb a	WA
Date	City		State
Check One: Sole Proprietorship ☐ Partne	rship 🗌	Joint Venture 🗌	Corporation 🛚
State of Incorporation, or if not a cor	poration, Sta	te where business ent	ity was formed:
Washington			
lf a co-partnership, give firm name u	nder which b	usiness is transacted:	
*If a corporation, proposal must be e president (or any other corporate offi partnership, proposal must be execu	icer accompa	nied by evidence of a	

PROPOSED EQUIPMENT AND LABOR SCHEDULE

(Use additional sheets if required)

Equipment to be used:

DESCRIPTION/TYPE	YEAR	CONDITION	OWN/RENT
T880 Dump Truck	2021	Good	Own
CAT 310 Excavator	2021	Good	Own
CAT 308 Excavator	2020	Good	Own
CAT 420 Backhoe	2019	Good	Own
Deere 245 Excavator	2018	Good	Own

Labor to be used:_	Site development, underground untility contractor, and heavy civil
Construction	
heavy equi	10. operators, flaggers, pipe layers,
10p man	, truck drivers, Foreman, Superintenduit
	HCON Incorporated
	Name of Bidder
	Signature of Authorized Official HCON Inc owner/president
	Title

PROPOSED SUBCONTRACTORS

Name of Bidder __HCON Incorporated

In accordance with RCW 39.30.060 as amended, every bid that totals \$1 million or more shall include below the names of the subcontractors with whom the Bidder, if awarded the contract, will subcontract for performance of the work of: structural steel installation, rebar installation, electrical, heating, ventilation, air conditioning and plumbing as described in RCW 18.106 and electrical as described in RCW 19.28, and, or to name itself for the work. The Bidder shall not list more than one subcontractor for each category of work identified, unless subcontractors vary with bid alternates, in which case the Bidder must indicate which subcontractor will be used for which alternate. Failure of the Bidder to submit as part of the bid the names of such subcontractors or to name itself to perform such work or the naming of two or more subcontractors to perform the same work shall render the prime contract bidder's bid nonresponsive and, therefore, void. Prime Contractor must declare if they intend to perform any of these items.

The successful Bidder must have the written permission of the Owner to make any change to this list.

Percent of total bid to be performed by Bidder NA

Name

Name

Schedule/Bid Item Numbers
Subcontractor will perform

STRUCTURAL STEEL

NA

Rebar install

NA

Qectrical

NA

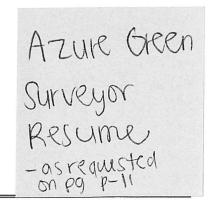
NA

Plumbing

WORK TO BE PERFORMED BY PRIME CONTRACTOR

Paul E. Green

409 East Pioneer Puyallup, Washington 98372 (253) 770-3144



Experience

Owner, Director of Engineering and Land Planning Azure Green Consultants, LLC

2006 to Present Puyallup, Washington

Owner of firm providing real estate development feasibility, land planning, engineering and surveying services.

President and Director

Falk & Green General Contractors, Inc.

2016 to Present Puyallup, Washington

General contractor engaged in construction of apartment projects. Projects include Lipoma Townhomes and Edgewood Heights Apartments.

Managing Member Brookdale PDD, LLC 2016 to Present Puyallup, Washington

Manager in the acquisition and entitlement approvals of residential subdivision.

Designated Broker

Pacific Realty Consultants

1992 to 2010 Puyallup, Washington

Owner/broker of firm providing real estate development consultation and brokerage services to limited clientele.

General Partner

L & P Investments

1992 to Present Puyallup, Washington

One of two general partners of investment partnership. L & P Investments is a partnership that acquires and/or develops income properties or properties for sale for its own account or in partnership with other entities.

Engineering Manager

LeRoy Surveyors & Engineers, Inc.

1992 to 2006 Puyallup, Washington

Responsible for administration of land use and engineering services as well as client and agency contact.

President FWE, Inc.

1988 to 1992 Bellevue, Washington

President of Washington corporation. Corporation is a development and investment firm that acquires, develops, and manages income properties for its own account or in partnership with other entities.

PresidentFirst Western Equities, Inc.

1987 to 1991 Bellevue, Washington

President of Washington corporation. Corporation is a development and investment firm that acquires, develops, and manages income properties for its own account or in partnership with other entities.

President
Paul Green & Associates of Washington, Inc.

1986 to 1992 Bellevue, Washington

President of Washington corporation. Corporation engages in development consultation, real estate acquisition, financing and development.

Managing Partner HG Investments

1984

Oregon, Washington & California

One of two managing partners of investment partnership with six partners. HG Investments purchased two existing shopping centers, a State of Oregon office building, and an existing apartment project. HG Investments also purchased a site in Vancouver and a site in Sacramento for the development of apartment projects. HG Investments formed a joint venture with Portland Fixture Company for the purchase and development of a regional mall and a strip commercial site.

Managing Partner
Sunset Research Park

1983

Corvallis, Oregon

Managing partner in the acquisition, financing, annexation, zoning, subdividing and resale of an 80 acre research park, 22 acre commercial site and a residential planned development subdivision in Corvallis, Oregon.

Engineer and Principal Paul Green & Associates, Inc.

1981 to 1986 Corvallis, Oregon

Principal in civil engineering/land surveying consulting firm that provided services to municipalities, State and Federal agencies and private developers. Services included land use planning, photogrammetry, surveying, structural engineering, building plans, engineering studies, construction administration, and preparation of engineering plans and specifications. The firm was extensively involved in land use planning related to comprehensive plans and compliance with Oregon's statewide land use planning goals and guidelines. The firm employed as many as 35 employees in the engineering, surveying, architectural and land use disciplines and provided services in Oregon, California, Washington, Nevada, and Arizona.

General Partner

Schroff 4 Philomath, Oregon

General partner in the acquisition, financing, annexation, zoning, subdividing and resale of a 100 acre residential subdivision property in Philomath, Oregon.

1979 **General Partner** Schroff 5 Newport, Oregon

General partner in the acquisition, financing, annexation, zoning and resale of 70

plus acre mixed use ocean front site in Newport, Oregon. 1978 Residential Developer

Ling Green & Heilig Dallas, Oregon

Managing partner in the acquisition, financing, development and sale of individual lots in a 39 lot residential subdivision in Dallas, Oregon.

Engineer and Principal Corvallis, Oregon Ling, Green & Associates, Inc.

Principal in civil engineering/land surveying consulting firm that provided services to municipalities, State and Federal agencies and private developers. Services included land use planning, photogrammetry, surveying, structural engineering, building plans, engineering studies, construction administration, and preparation of engineering plans and specifications. Responsible for preparation of engineering drawings, specifications and studies, structural calculations, building plans, construction surveying, construction inspection, land survey research, land survey computations, land use planning, presentations at public hearings and supervision of personnel.

Engineer and Principal 1976 to 1977 Ling, Yinger & Green Corvallis, Oregon

Principal in civil engineering/land surveying consulting firm that provided services to municipalities, State and Federal agencies and private developers. Services included land use planning, photogrammetry, surveying, structural engineering, engineering studies, construction administration, and preparation of engineering plans and specifications. Responsible for preparation of engineering drawings, specifications and studies, structural calculations, construction surveying, construction inspection, land survey research, land survey computations, land use planning, presentations at public hearings and supervision of personnel.

1976 Residential Developer Paul Green Corvallis, Oregon

As a principal entered into a real estate sale and purchase agreement for the conditional acquisition of a proposed subdivision property in Corvallis, Oregon. Prepared land use documents including planned development plans, preliminary plats, etc. related to the development of the subject property.

1980

1978 to 1980

Design Engineer

Ling, McCullough, Bryant & Yinger

1974 to 1975 Corvallis, Oregon

Employed by civil engineering/land surveying consulting firm that provided services to municipalities, State and Federal agencies and private developers. Services included land use planning, photogrammetry, surveying, engineering studies, construction administration, and preparation of engineering plans and specifications. Responsibilities included preparation of engineering drawings, specifications and studies, construction surveying, construction inspection, land survey research, land survey computations, land use planning and supervision of personnel.

Design Engineer Ling & Yinger

1973 to 1974 Corvallis, Oregon

Employed by civil engineering/land surveying consulting firm that provided services to municipalities, State and Federal agencies and private developers. Services included land use planning, surveying, engineering studies, construction administration, and preparation of engineering plans and specifications. Responsibilities included preparation of engineering drawings, specifications and studies, construction surveying, construction inspection, land survey research, land survey computations and supervision of personnel.

Design Engineer Ling & Associates

1971 to 1972 Corvallis, Oregon

Employed by civil engineering consulting firm that provided services to municipalities, State and Federal agencies and private developers. Services included land use planning, surveying, engineering studies, construction administration, and preparation of engineering plans and specifications. Responsibilities included preparation of engineering drawings, specifications and studies, construction surveying and construction inspection.

Education

Electrical Engineering Major Oregon State University	1965 to 1966 Corvallis, Oregon
Mathematics Major University of Oregon	1966 to 1967 Eugene, Oregon
Mathematics Major Oregon College of Education	1967 to 1968 Monmouth, Oregon
Civil Engineering Graduate Oregon State University	1968 to 1972 Corvallis, Oregon

Professional Licenses

Professional Engineer:

Arizona 1987 License No. 20596
California 1976 License No. 26210
Nevada 1985 License No. 6915
Oregon 1977 License No. 9159
Washington 1984 License No. 22420

Professional Land Surveyor:

Oregon 1977 License No. 1521

Real Estate Broker:

Washington 1992 270-08 GR-EE-NP-E530J2

y of Tukwila 152nd Water Main Replaceme	ent & Extension		Low bidder Error																		
					Engineer's Estimate		HCON Incorporated Indepth Excavation			Kar-Vel Construction Northwest Cascade Inc			cade Inc	RW Scott			Strickland & Sons		Laser Underground		
Item No.	Spec.	Item Description			Total Amount	Quantity Unit Unit Price Total Amount					Total Amount			al Amount Quantity Unit	Unit Price Total Amoun	nt Quantity Uni		Total Amount			
	Bid Schedule A - Water Improvem	ents											•								
A1	1-09.14 Mobilization & Demob		1 LS 1 FA	\$ 59,000			1 LS	\$ 100,000 \$ 100,000	1 LS	\$ 116,000 \$	116,000	1 LS \$	165,773 \$	165,773 1 LS	\$ 150,000 \$ 150,0	00 1 LS	\$ 119,845.20 \$		1 LS	\$ 80,000 \$ 80,00	
A2	1-09.14 Unexpected Site Char	nges	1 FA	\$ 55,000		1 FA \$ 55,000 \$ 55,000	1 FA	\$ 55,000 \$ 55,000	1 FA	\$ 55,000 \$	55,000	1 FA \$	55,000 \$	55,000 1 FA	\$ 55,000 \$ 55,0		\$ 55,000.00 \$	55,000.00	1 FA	\$ 55,000 \$ 55,00	
A3	1-09.14 Construction Surveying	ng and Staking	1 LS	\$ 7,000		1 LS \$ 8,500 \$ 8,500	1 LS	\$ 7,500 \$ 7,500	1 LS	\$ 10,000 \$	10,000	1 LS \$	4,400 \$	4,400 1 LS	\$ 5,350 \$ 5,3	50 1 LS	\$ 14,300.00 \$		1 LS	\$ 15,000 \$ 15,00	
A4	1-09.14 Arborist*		32 HR 50 FA	\$ 120	\$ 3,840	32 HR \$ 70 \$ 2,240	32 HR	\$ 250 \$ 8,000	32 HR	\$ 50 \$	1,600	32 HR \$	150 \$	4,800 32 HR	\$ 160 \$ 5,1		\$ 230.00 \$		32 HR	\$ 140 \$ 4,40	
A5 A6	1-09.14 Potholing To Locate L 1-09.14 Project Temporary Tra	Julities Not Shown on Plans*	50 EA 1 LS	\$ 53.000	\$ 17,500	50 EA \$ 400 \$ 20,000 1 LS \$ 75,000 \$ 75,000	50 EA	\$ 1,000 \$ 50,000 \$ 60.000 \$ 60.000	50 EA 1 LS	\$ 10 \$ \$ 40,000 \$	40.000	50 EA \$	5/5 \$	28,750 50 EA 117,000 1 LS	\$ 220.05 \$ 11,0	03 50 EA 00 1 LS	\$ 425.01 \$ \$ 121.448.81 \$		50 EA	\$ 60.000 \$ 60.00	
A0 A7	1-09.14 Project remporary 113	tor Main with Strome Crinding	1 EA	\$ 53,000			1 LS	\$ 3,000 \$ 3,000	1 EA	\$ 40,000 \$	1,500	1 EA \$	2 300 \$	2.300 1 EA	\$ 2.675 \$ 2.6		\$ 121,448.81 \$	3 850 00	1 EA	\$ 4,500 \$ 4.5	
A8		mmercial Meter, with Stump Grinding*	1 EA	\$ 2,500			1 FA	\$ 3,000 \$ 3,000	1 EA	\$ 1,500 \$	1,500	1 EA \$	2,300 \$	2,300 1 EA	\$ 2,675 \$ 2,6		\$ 3,850.00 \$	3,850.00	1 EA	\$ 4,500 \$ 4,5	
A9	1-09.14 Hydroexcavation/Vac		60 LF	\$ 115		60 LF \$ 115 \$ 6,900	60 LF	\$ 35 \$ 2100	60 LF	\$ 70 \$	4.200	60 LF \$	185 \$	11 100 60 LF	\$ 250 \$ 15.0	00 60 LF	\$ 128.75 \$	7.725.00	60 LF	\$ 80 \$ 4.8	
A10	1-09.14 Trench Safety		1 18	\$ 6,000		1 LS \$ 3,500 \$ 3,500	1 LS	\$ 20,000 \$ 20,000	1 LS	\$ 10,000 \$		1 LS \$	700 \$	700 1 LS	\$ 5,000 \$ 5,0	00 1 LS	\$ 1,725.00 \$		1 LS	\$ 20,000 \$ 20,00	
A11	1-09.14 Controlled Density Fill	I*	30 CY	\$ 150	\$ 4,500		30 CY	\$ 175 \$ 5,250	30 CY	\$ 160 \$	4,800	30 CY \$	320 \$	9,600 30 CY	\$ 343 \$ 10,2		\$ 235.27 \$	7,058.10	30 CY	\$ 300 \$ 9,0	
A12	1-09.14 Crushed Surfacing	<u> </u>	1,600 TN	\$ 41	\$ 65,600	1,600 TN \$ 25 \$ 40,000	1,600 TN	\$ 45 \$ 72,000	1,600 TN	\$ 32 \$		1,600 TN \$	53 \$	84,800 1,600 TN	\$ 33 \$ 52,8		\$ 49.56 \$	79,296.00	1,600 TN	\$ 70 \$ 112,0	
A13	1-09.14 Extra Trench Excavat		10 CY	\$ 75	\$ 750	10 CY \$ 1 \$ 10	10 CY	\$ 25 \$ 250	10 CY	\$ 60 \$		10 CY \$	52 \$	520 10 CY	\$ 87.51 \$ 8	75 10 CY	\$ 169.83 \$	1,698.30	10 CY	\$ 200 \$ 2,00	
A14	1-09.14 Hot Mix Asphalt Patch		460 TN	\$ 250	\$ 115,000	460 TN \$ 190 \$ 87,400	460 TN	\$ 200 \$ 92,000	460 TN	\$ 180 \$	82,800	460 TN \$	236 \$	108,560 460 TN	\$ 208 \$ 95,6		\$ 215.53 \$	99,143.80	460 TN	\$ 1 \$ 40	
A15	1-09.14 Hot Mix Asphalt Overl	lay	53 TN 455 SY	\$ 220	\$ 11,660	53 TN \$ 125 \$ 6,625	53 TN 455 SY	\$ 135 \$ 7,155	53 TN	\$ 140 \$ \$ 7 \$	7,420	53 TN \$	135 \$	7,155 53 TN 2,730 455 SY	\$ 131 \$ 6,9 \$ 17 \$ 77	43 53 TN		10,091.20 3,949.40	53 TN	\$ 400 \$ 21,20	
A16 A17	1-09.14 Asphalt Planing	D.I. Pipe & Fittings, Restrained Joint	400 SY	\$ 7	\$ 3,185 \$ 3,630		400 SY	\$ 10 \$ 4,550 \$ 170 \$ 5.610	455 SY 33 LF	\$ 7 \$		455 SY \$	206 \$	2,730 455 SY 6.798 33 LF	\$ 17 \$ 7,7	35 455 SY 80 33 LF	\$ 8.68 \$	3,949.40 4.988.61	455 SY 33 LF	\$ 15 \$ 6,8 \$ 110 \$ 3,6	
A18		D.I. Pipe & Fittings, Restrained Joint D.I. Pipe & Fittings, Restrained Joint	33 LF 81 LF	\$ 176	\$ 10,125	33 LF \$ 140 \$ 4,620 81 LF \$ 170 \$ 13,770	33 LF 81 LF	\$ 170 \$ 5,010	33 LF 81 LF	\$ 235 €	19 035	33 LF \$	190 \$	15 390 81 IE	\$ 181 \$ 14,6	61 81 IF	\$ 194.15 \$	15 726 15	33 LF 81 LF	\$ 120 \$ 9,7	
A19		D.I. Pipe & Fittings, Restrained Joint	1,723 LF	\$ 155			1.723 LF	\$ 170 \$ 292,910	1.723 LF	\$ 220 \$	379,060	1,723 LF \$	131 \$	225.713 1.723 LF	\$ 169 \$ 291,1	87 1.723 LF	\$ 194.22 \$	334.641.06	1,723 LF	\$ 180 \$ 310,14	
A20	1-09.14 Additional Ductile Iron		1.400 LB	\$ 4			1.400 LB	\$ 5 \$ 7.000	1.400 LB	\$ 0.1 \$		1.400 LB \$	6 \$	8.400 1.400 LB	\$ 15 \$ 21.0	00 1.400 LB	\$ 2.04 \$	2.856.00	1,400 LB	\$ 5 \$ 7.0	
A21	1-09.14 1-In. Combination Air	Release/Air Vacuum Assembly*	2 EA	\$ 3,500		2 EA \$ 5,000 \$ 10,000	2 EA	\$ 8,500 \$ 17,000	2 EA	\$ 5,000 \$		2 EA \$	3,750 \$	7,500 2 EA	\$ 5,631.23 \$ 11,2		\$ 8,167.15 \$		2 EA	\$ 7,000 \$ 14,00	
A22	1-09.14 Connection to Existing	g Water Main	5 EA	\$ 4,000			5 EA	\$ 8,500 \$ 42,500		\$ 6,000 \$		5 EA \$	3,500 \$	17,500 5 EA	\$ 4,500 \$ 22,5		\$ 5,590.08 \$		5 EA	\$ 10,000 \$ 50,0	
A23	1-09.14 6-in. Gate Valve		1 EA	\$ 1,900		1 EA \$ 1,500 \$ 1,500	1 EA	\$ 1,400 \$ 1,400	1 EA	\$ 1,900 \$	1,900	1 EA \$	2,100 \$	2,100 1 EA	\$ 2,442 \$ 2,4		\$ 1,726.52 \$	1,726.52	1 EA	\$ 1,500 \$ 1,5	
A24	1-09.14 8-in. Gate Valve		6 EA	\$ 2,500		6 EA \$ 2,100 \$ 12,600	6 EA	\$ 2,000 \$ 12,000	6 EA	\$ 2,600 \$	15,600	6 EA \$	2,800 \$	16,800 6 EA	\$ 3,000 \$ 18,0	00 6 EA	\$ 2,401.00 \$	14,406.00	6 EA	\$ 2,000 \$ 12,0	
A25 A26	1-09.14 12-in. Gate Valve		12 EA 1 EA	\$ 3,250 \$ 8,500			12 EA 1 EΔ	\$ 3,500 \$ 42,000 \$ 15,000 \$ 15,000	12 EA 1 FA	\$ 4,500 \$ \$ 12,000 \$	54,000 12,000	12 EA \$	4,625 \$ 9.865 \$	55,500 12 EA 9,865 1 EA	\$ 5,117 \$ 61,4 \$ 8,565,63 \$ 8.5		\$ 4,283.83 \$ \$ 7,452.00 \$		12 EA 1 FA	\$ 3,500 \$ 42,00 \$ 7,000 \$ 7,00	
A26 A27	1-09.14 8-in. Tapping Tee and 1-09.14 400/360 Check Valve	Assembly Industria Voyalt		\$ 8,500		1 LS \$ 12,500 \$ 12,500 1 LS \$ 50,100 \$ 50,100	1 EA	\$ 15,000 \$ 15,000 \$ 65,000 \$ 65,000	1 LS	\$ 12,000 \$	12,000 80,000		9,865 \$ 65,000 \$	9,865 1 EA 65.000 1 LS	\$ 63.293 \$ 63.2		\$ 7,452.00 \$		1 EA 1 LS	\$ 7,000 \$ 7,0	
A28	1-09.14 Fire Hydrant Assembl	Assembly, including vault	1 LS 7 EA	\$ 7.000		1 LS \$ 50,100 \$ 50,100 7 EA \$ 9,100 \$ 63,700	7 FA	\$ 8.500 \$ 59.500	7 EA	\$ 11.000 \$	77.000	1 LS \$	8.500 \$	59.500 7 EA	\$ 9,926.04 \$ 69,4		\$ 10.092.91 \$		7 EA	\$ 11.000 \$ 77.0	
A29	1-09.14 1-In. Water Service	9	1 FA	\$ 2,300		1 FA \$ 4,000 \$ 4,000	1 FA	\$ 1750 \$ 1750	1 EA	\$ 4,200 \$	4.200	1 EA \$	2 715 \$	2 715 1 FA	\$ 3.704.52 \$ 3.7	05 1 EA	\$ 2,950.81 \$		1 EA	\$ 3,500 \$ 3,50	
A30	1-09.14 1.5-In. Water Service		5 EA	\$ 3,500	\$ 17,500	5 EA \$ 6,000 \$ 30,000	5 EA	\$ 3,750 \$ 18,750	5 EA	\$ 8,000 \$	40,000	5 EA \$	4,765 \$	23,825 5 EA	\$ 6,191.95 \$ 30,9	60 5 EA	\$ 5,042.27 \$	25,211.35	5 EA	\$ 4,000 \$ 20,00	
A31	1-09.14 2-In. Water Service		2 EA	\$ 4,500		2 EA \$ 6,500 \$ 13,000	2 EA	\$ 3,750 \$ 7,500	2 EA	\$ 8,500 \$	17,000	2 EA \$	5,595 \$	11,190 2 EA	\$ 6,347.00 \$ 12,6		\$ 6,128.74 \$		2 EA	\$ 8,000 \$ 16,00	
A32	1-09.14 3-In. Water Service		1 EA	\$ 7,500		1 EA \$ 15,000 \$ 15,000	1 EA	\$ 15,000 \$ 15,000	1 EA	\$ 28,000 \$	28,000	1 EA \$	17,640 \$	17,640 1 EA	\$ 12,257.73 \$ 12,2		\$ 15,507.16 \$		1 EA	\$ 20,000 \$ 20,00	
A33	1-09.14 Erosion and Water Po		1 LS	\$ 15,000		1 LS \$ 6,500 \$ 6,500	1 LS	\$ 3,000 \$ 3,000	1 LS	\$ 15,000 \$	15,000	1 LS \$	23,500 \$	23,500 1 LS	\$ 10,000.00 \$ 10,0	00 1 LS	\$ 15,765.44 \$	15,765.44	1 LS	\$ 14,000 \$ 14,00	
A34	1-09.14 Restoration and Clear		1 LS	\$ 17,000		1 LS \$ 17,000 \$ 17,000	1 LS	\$ 20,000 \$ 20,000	1 LS	\$ 16,000 \$	16,000 8.400	1 LS \$	25,000 \$	25,000 1 LS	\$ 20,000.00 \$ 20,0	00 1 LS	\$ 22,741.11 \$		1 LS	\$ 40,000 \$ 40,00	
A35 A36	1-09.14 Remove and Replace 1-09.14 Remove and Replace		60 SY	\$ 225	\$ 13,500 \$ 11,000	60 SY \$ 95 \$ 5,700 200 LF \$ 52 \$ 10,400	60 SY	\$ 275 \$ 16,500 \$ 55 \$ 11,000	60 SY 200 LF	\$ 140 \$ \$ 50 \$	10,000	60 SY \$ 200 LF \$	218 \$	13,080 60 SY 12.000 200 LF	\$ 167.76 \$ 10,0 \$ 94.58 \$ 18.9		\$ 186.51 \$ \$ 53.50 \$		60 SY 200 LF	\$ 300 \$ 18,00 \$ 75 \$ 15.00	
A37	1-09.14 Removal of Structures		200 LF 1 LS	\$ 20.000		1 LS \$ 28.000 \$ 28.000	1 19	\$ 10.000 \$ 10.000	1 LS	\$ 25,000 \$	25.000	1 LS \$	15.000 \$	15,000 200 EF	\$ 40.000 \$ 40.0		\$ 48,706.80 \$		1 LS	\$ 2.500 \$ 2.50	
7107	1 00.14 Itemoval of Guadane	o una obolitaciono	, 20	Subtotal A	\$ 979 555 00	Subtotal A \$ 1 075 880 00	. 20	Subtotal A \$ 1 166 995 00	1 20	Subtotal A \$				239 504 00	Subtotal A \$ 1 273 820		Subtotal A \$	1 332 135 24	1 20	Subtotal A \$ 1 202 755 0	
			Washington State Sales Tax	x 10.1%	\$ 98,935.06	Washington State Sales Tax 10.1% \$ 108,663.88	Washington State Sales	Tax 10.1% \$ 117,866.50	Washington State Sales	Tax 10.1% \$	125,246.57	Washington State Sales Tax 1	10.1% \$ 1	125,189.90 Washington State Sa	les Tax 10.1% \$ 128,655.	91 Washington State	Sales Tax 10.1% \$	134,545.66	Washington State Sal	iles Tax 10.1% \$ 121,478.2	
			Total A	\$ 1,078,490.06	Total A \$ 1,184,543.88		Total A \$ 1,284,861.50		Total A \$	1,365,311.57	Tot	al A \$1,3	364,693.90	Total A \$ 1,402,476.	85	Total A \$	1,466,680.90		Total A \$ 1,324,233.2		
	Bid Schedule B - Road Improvement																				
B1	1-09.14 Construction Surveying		1 LS	\$ 5,000		1 LS \$ 11,000 \$ 11,000	1 LS	\$ 3,250 \$ 3,250	1 LS	\$ 5,000 \$	5,000	1 LS \$	4,000 \$	4,000 1 LS	\$ 5,350.00 \$ 5,3	50 1 LS	\$ 13,200.00 \$		1 LS	\$ 5,000 \$ 5,0	
B2	1-09.14 Removal of Structures		1 LS	\$ 7,500		1 LS \$ 15,600 \$ 15,600	1 LS	\$ 5,000 \$ 5,000	1 LS	\$ 35,000 \$	35,000	1 LS \$	47,500 \$	47,500 1 LS	\$ 3,078.39 \$ 3,0		\$ 7,740.80 \$		1 LS	\$ 7,500 \$ 7,50	
B3	1-09.14 Roadway Excavation	Incl. Haul*	110 CY	\$ 150			110 CY	\$ 85 \$ 9,350	110 CY	\$ 40 \$		110 CY \$	58 \$	6,380 110 CY	\$ 72.45 \$ 7,9	70 110 CY		5,911.40	110 CY	\$ 150 \$ 16,5	
B4	1-09.14 Crushed Surfacing 1-09.14 Hot Mix Asphalt Patch		60 TN	\$ 41	\$ 2,460 \$ 15.000	60 TN \$ 38 \$ 2,280 60 TN \$ 255 \$ 15,300	60 TN	\$ 45 \$ 2,700 \$ 200 \$ 12,000	60 TN 60 TN	\$ 32 \$ \$ 200 \$	1,920	60 TN \$	57 \$	3,420 60 TN 13,260 60 TN	\$ 33.70 \$ 2,0 \$ 208.00 \$ 12.4	22 60 TN 80 60 TN	\$ 55.99 \$	3,359.40 11.424.00	60 TN	\$ 41 \$ 2,40 \$ 250 \$ 15,00	
B5 B6	1-09.14 Hot Mix Asphalt Pater 1-09.14 Hot Mix Asphalt Overl		60 TN 550 TN	\$ 250		550 TN \$ 135 \$ 74,250	550 TN	\$ 135 \$ 74,250	550 TN	\$ 140 \$		550 TN \$	135 \$	74,250 550 TN	\$ 131.00 \$ 72.0			104,720.00	550 TN	\$ 220 \$ 121,0	
B7	1-09.14 Asphalt Planing	···y	4,310 SY	\$ 7	\$ 30,170	4,310 SY \$ 8 \$ 34,480	4 310 SY	\$ 10 \$ 43.100	4.310 SY	\$ 6.5	26,722	4,310 SY \$	6 8	25.860 4.310 SY	\$ 3.00 \$ 12.9	30 4,310 SY	\$ 9.54 \$		4,310 SY	\$ 7 \$ 30,1	
B8	1-09.14 Cement Conc. Traffic	Curb and Gutter	227 LF	\$ 65		227 LF \$ 45 \$ 10,215	227 LF	\$ 55 \$ 12,485	227 LF	\$ 50 S	11,350	227 LF \$	48 S	10,896 227 LF	\$ 65.59 \$ 14,8	89 227 LF	\$ 44.38 \$		227 LF	\$ 65 \$ 14,7	
B9	1-09.14 Cement Conc. Pedes	trian Curb	70 LF	\$ 50	\$ 3,500	70 LF \$ 38 \$ 2,660	70 LF	\$ 50 \$ 3,500	70 LF	\$ 40 \$		70 LF \$	50 \$	3,500 70 LF	\$ 54.89 \$ 3,8	42 70 LF		3,129.70	70 LF	\$ 50 \$ 3,50	
B10	1-09.14 Extruded Curb		13 LF	\$ 50	\$ 650	13 LF \$ 250 \$ 3,250	13 LF	\$ 180 \$ 2,340	13 LF	\$ 180 \$	2,340	13 LF \$	110 \$	1,430 13 LF	\$ 81.64 \$ 1,0	61 13 LF		1,092.00	13 LF	\$ 50 \$ 6	
B11	1-09.14 Cement Conc. Sidewa	alk	46 SY	\$ 225			46 SY	\$ 200 \$ 9,200	46 SY	\$ 125 \$		46 SY \$	200 \$	9,200 46 SY	\$ 89.66 \$ 4,1			8,207.78	46 SY	\$ 225 \$ 10,3	
B12	1-09.14 Cement Conc. Curb F	Ramp Type Parallel A	26 SY	\$ 350		26 SY \$ 225 \$ 5,850	26 SY	\$ 250 \$ 6,500	26 SY	\$ 250 \$	6,500	26 SY \$	275 \$	7,150 26 SY	\$ 1,174.33 \$ 30,5	33 26 SY	\$ 239.75 \$		26 SY	\$ 350 \$ 9,1	
B13 B14	1-09.14 Cement Conc. Curb F	camp Type Modified Parallel	20 SY	\$ 400		20 SY \$ 300 \$ 6,000	20 SY	\$ 250 \$ 5,000	20 SY	\$ 250 \$	5,000	20 SY \$	340 \$	6,800 20 SY	\$ 1,174.33 \$ 23,4	8/ 20 SY	\$ 280.58 \$	5,611.60 6.664.00	20 SY	\$ 400 \$ 8,00 \$ 15,000 \$ 15,00	
	1-09.14 Permanent Signing 1-09.14 Pavement Markings		1 LS 1 LS	\$ 15,000 \$ 13,000		1 LS \$ 5,500 \$ 5,500 1 LS \$ 9,500 \$ 9,500	1 LS	\$ 6,500 \$ 6,500 \$ 4,250 \$ 4,250	1 LS 1 LS	\$ 5,000 \$ \$ 15,000 \$	5,000	1 LS \$	2400 \$	10,000 1 LS 2,400 1 LS	\$ 4,280.00 \$ 4,2 \$ 9.373.20 \$ 9.3	80 1 LS 73 1 LS	\$ 6,664.00 \$ \$ 4,424.00 \$		1 LS 1 LS	\$ 15,000 \$ 15,00 \$ 13.000 \$ 13.00	
			I ILO				I JLO		1 LO		13,000	1 1 1 5							I ILO	Subtotal B \$ 271.985.0	
B15	1-03.14 If aveillent markings			Subtotal R	\$ 271 985 00	Subtotal R \$ 205 157 00				Subtotal R S	215 782 00	Sut	htotal R \$ 2	226 046 00	Subtotal R \$ 207.469	18	Subtotal B \$	232 909 84			
	1-05.14 avenient markings		Washington State Sales Tax 0%. Per State Sale	Subtotal B es Tax – Rule 171	\$ 271,985.00 \$ -	Subtotal B \$ 205,157.00 Washington State Sales Tax 0% Per State Sal \$ - W	Vashinaton State Sales Tax 0%. Pe	Subtotal B \$ 199,425.00 or State Sales Tax - \$	Washington State Sales Tax 0%. Per	Subtotal B \$ State Sales Tax - R \$	215,782.00 - Was	Sub hington State Sales Tax 0%. Per State S		226,046.00 - Washington State Sales Tax	Subtotal B \$ 207,469.		Subtotal B \$	232,909.84 - Wa	shington State Sales Tax 0%	SUDIDIAL S 271,965.0 %. Per State Sales Tax - \$ -	
	1-00.14 aveilient markings		Washington State Sales Tax 0%, Per State Sale		\$ 271,985.00 \$ - \$ 271.985.00	Washington State Sales Tax 0%, Per State Sal \$ - V	Vashington State Sales Tax 0%, Pe		Washington State Sales Tax 0%, Per		215,782.00 - Was 215,782.00	hington State Sales Tax 0%, Per State S	Sales Tax – Rul \$			Washington State Sales 7	ax 0%, Per State Sales Tax \$	232,909.84 - Wa 232,909.84	shington State Sales Tax 0%		