



INVITATION TO BID

I. Project **Wilsonville_King City ARPA State Grant Expansion**

II. Contact Information Todd Hurd
Network Engineer
City of Sherwood/Sherwood Broadband
15527 SW Willamette St
Sherwood, Oregon 97140
Telephone (360) 713-8638
hurdt@sherwoodoregon.gov

III. Scope

The City is soliciting bids for the installation of fiber optic cable and conduits for their Broadband Utility within a portion of the City of Sherwood and unincorporated Washington County, Clackamas County, City of Wilsonville, & King City. This construction will consist of 2 sections. Construction of Backbone Fiber Construction as designed and permitted. As described below, this will be a prevailing wage project. Special note: The fiber placed within the city of Wilsonville, will be a shared fiber asset with the city of Sherwood and the city of Wilsonville.

1. Backbone Fiber Construction Designs (Exhibit C and D)

- A. **Exhibit C** - Construct roughly 58,378 feet of aerial and 5,877 feet of underground conduit SDR-11, 432ct, 288ct, 96ct armored fiber optic cable, and 12ct flat drop; along SW Roy Rogers Rd, SW Elsner Rd, and SW Beef Bend Rd. As shown in exhibit C, place necessary storage, handholes risers, anchors, down guys and other supporting equipment per design. Contractor responsible for all restoration/s per the approved permits and inspector. Special note - Awarded Contractor responsible for streetlight bonds.
- B. **Exhibit D** - Construct roughly 9,394 feet of aerial, 11,944 feet of fiber pull through existing conduit, and 7,071' feet of underground conduit SDR-11, 288ct armored fiber cable along SW Westfall Rd, SW Tooze Rd, SW Grahams Ferry Rd, and Boeckman Rd. As shown in exhibit D, place necessary storage, handholes risers, anchors, down guys and other supporting equipment per design. Contractor responsible for all restoration/s per the approved permits and inspector.

C. Follow provided designs and permits. Exhibits C, D, E, & F.

D. Place storages as shown and document sequential footages.

The City will supply all cable and fiber tags. The awarded contractor will be responsible for all other materials to include handholes with **“City Fiber”** logo. Contractor will be responsible for picking up City supplied materials at our Public Works Facility, 15527 SW Willamette St., Sherwood, Oregon. **All materials must be American made and have proof of USA certificate of compliance. “Build America Buy America Act”.**

IV. Schedule

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|---------------------------------------|--|
| • Invitation to Bid Issued/Advertised | May 15th, 2023 |
| • Questions Deadline | June 13 th 2023 at 12:00 PM |
| • Bid Closing | June 16 th 2023 at 12:00 PM |
| • First-Tier Disclosure | June 16 th 2023 at 2:00 PM |
| • Notice of intent | June 19 th 2023 |
| • Approximate Start Date for Work | June 26th, 2023 |
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| • Completion Date | February 2 nd 2024 |

V. Submittal Requirements

All bids shall be submitted via **mail or hand deliver**, no later than 12:00 PM on June 16th 2023. Bids received after 12:00 PM will not be accepted. Bids must include the First-Tier Subcontractor Disclosure form included below and must be received no later than two hours after bid closing.

Each bid must contain a statement as to whether the bidder is a Resident Bidder as defined in ORS 279A.120.

The City of Sherwood reserves the right to reject any or all bids submitted, or to waive any minor formalities of this request if, in the judgment of the City Manager, the best interest of the City would be served (ORS 279B.100).

VI. Other Information

Request for clarification: To ensure all contractors receive consistent and accurate information, questions regarding this proposal will only be accepted through email hurd@sherwoodoregon.gov. Questions will be responded to in a written format and shared with all contractors on the City's interested bidders list will be copied on the response. All questions and answers will be posted in <https://www.sherwoodoregon.gov/bids>. The overall amount of the contract may exceed \$50,000. State of Oregon prevailing wage rates will apply to this invitation and should be used to calculate your bid. <https://www.oregon.gov/boli/workers/Prevailing%20Wage%20Rate%20Books/july-1-2020-pwr-rate-book.pdf>

Contractor must comply, and ensure the compliance by subcontractors, with 41 U.S.C. 4712, Program for Enhancement of Employee Whistleblower Protection. Contractor must inform subcontractors and employees, in writing, in the predominant language of the workforce, of the employee whistleblower rights and protections under 41 USC § 4712.

The City's payments to the contractor will be paid directly by the city of Sherwood. Contractor, by submitting a bid, certifies neither it nor its employees or subcontractors who will perform the project activities are currently employed by an agency or department of the federal government.

Contractor must provide City redline drawings for all facilities constructed as part of the project.

The redlines must show –

- Offsets from edge of payment or back edge of right of way.
- Handwritten bore/trench depths at 50' linear intervals.
- Sequential footages at each UG structure.
- Sequential footages at aerial storage loops and proposed splice case locations.
- Handwritten heights of attachments if different from pole permits and prints.

Questions regarding this Invitation to Bid should be directed to:

Todd Hurd

Network Engineer

email: hurdt@sherwoodoregon.gov

DATED this 05/09/2023.

CITY OF SHERWOOD

EXHIBIT A.1
BID SCHEDULE

Exhibit C – North of Sherwood

Description	Quantity	Unit of Measure	Unit cost for Service Construction / Install / Restore	Total Cost
Distribution Fiber Construction				
Aerial Construction, make-ready, streetlight bonds, and lashed fiber	58,378	FEET		\$
Underground Construction up to (2)-2", placed fiber, and restoration	5,877	FEET		\$
Riser (1)-2"	11	EACH		\$
Provide and Set 24x36x36 handhole	9	EACH		\$
Provide and Set 30x48x36 handhole	3	EACH		\$
Provide and Set 30x60x36 handhole	1	EACH		\$
Pull fiber through existing conduit.	1124	FEET		\$

GRAND TOTAL:	\$
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Bid total shall be presented in both words and in figures.

(_____ Dollars and
_____ Cents).

In the event of discrepancy, the amount shown in words shall dictate.

Contractor Name: _____

Contractor Representative & Title: _____

Contractor Address: _____

Email Address: _____

Oregon Contractor's CCB Number: _____

Signature: _____

Date: _____

Bidder certifies that they _____ are or _____ are not a Resident Bidder as defined in ORS 279A.120.

EXHIBIT A.2
BID SCHEDULE
Exhibit D – Wilsonville

Description	Quantity	Unit of Measure	Unit cost for Service Construction / Install / Restore	Total Cost
Distribution Fiber Construction				
Aerial Construction, make-ready, and lashed fiber	9,394	FEET		\$
Underground Construction up to (2)-2", placed fiber, and restoration	7,071	FEET		\$
Riser (1)-2"	4	EACH		\$
Provide and Set 24x36x36 handhole	10	EACH		\$
Provide and Set 30x48x36 handhole	4	EACH		\$
Dig up and repair existing conduit soft surface. ~48" deep.	2	EACH		\$
Dig up and repair existing conduit hard surface. ~48" deep.	1	EACH		\$
Pull fiber through existing conduit.	11944	FEET		\$

GRAND TOTAL:	\$
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Bid total shall be presented in both words and in figures.

(_____ Dollars and
_____ Cents).

In the event of discrepancy, the amount shown in words shall dictate.

Contractor Name: _____

Contractor Representative & Title: _____

Contractor Address: _____

Email Address: _____

Oregon Contractor's CCB Number: _____

Signature: _____

Date: _____

Bidder certifies that they _____ **are** or _____ **are not** a Resident Bidder as defined in ORS 279A.120.

Note: Any addenda issued must be signed and enclosed to the bid.

EXHIBIT B
SCOPE OF WORK/SPECIFICATIONS
Wilsonville_King City ARPA State Grant Expansion

1.0 General Scope

The City of Sherwood is seeking bids for contractors to perform aerial and underground telecommunications construction.

2.0 General Requirements

2.1 Determination of Qualified Bidders: All qualified bidders and their staff members who will perform work must have the proper licenses and certifications.

2.2 Evaluation of Bid: Each bid shall be evaluated to determine whether the proposed product or service complies with the specifications detailed in this document. If this evaluation determines that a bid does not comply with the specifications set forth in this invitation to bid, then that bid shall be eliminated from consideration.

2.3 Evaluation Criteria: The evaluation will be based on bid price as well as; ability to adhere to timeline, and prior experience with telecom related work.

2.4 Award: The City of Sherwood intends to award a contract to the lowest responsive and responsible bidder at fixed rates. To determine lowest responsible bidder the City will use the bid schedule item above: Exhibit A.1 & A.2. The City reserves the right to award one or more contracts on the bids submitted, as deemed most advantageous to the City. Vendor experience will be reviewed and considered in order to determine responsible bidders. The distribution of work assigned to the awarded contractor(s) in both scope and value shall be at the sole discretion of the City of Sherwood.

2.6 Contact. The contact for this bid is Todd Hurd, City of Sherwood Network Engineer
hurdt@sherwoodoregon.gov.

3.0 Specific Requirements

3.2 Consultation: The awarded contractor, or his/her representative, will be available at a reasonable notice for consultation or to consider special work requests, as a requirement of the contract.

3.3 Communication: Upon award of the contract, the contractor will assign a contact person to set and schedule future work. It is expected there will be a contact person available by telephone during normal business hours,

3.4 Laws and Regulations: The contractor, including sub-contractors, will perform according to the following specifications, and to all trades and licensing standards, codes, statutes, regulations, NESC, etc. of governing authorities, agencies, utilities, etc. having jurisdiction in Oregon, where applicable.

3.5 Priority of Work: Whenever a doubt arises in the order for work, the City of Sherwood representative will be notified immediately to resolve the question.

3.6 Vandalism and Theft: It will be the sole responsibility of the contractor performing services for this contract to safeguard materials, tools, and equipment. The City of Sherwood will not assume any responsibility for vandalism and/or theft of materials, tools, and/or equipment.

3.7 Safety: All work shall be done in a safe manner and comply with all Federal, State, and Local safety and environmental laws and regulations. This will include, but not be limited to OSHA, EPA, etc. Adequate barricades will be erected and maintained all-around areas where equipment and materials are stored and used. During all phases of the work, the contractor will make proper use of interior and exterior type temporary scaffolding, particularly during the actual work.

3.8 Bid Form: Labor rates, mobilization and demobilization shall be included in the costs on the bid form.

3.9 Invoices: The City of Sherwood will review each invoice for accuracy. Any irregularities will be brought to the vendor's attention immediately. This may include excessive labor hours or unreasonable part prices. In the case of parts pricing, the City may ask for copies of the original parts invoices in order to verify the pricing, quality, and allowed mark-up, if any.

4.0 Detailed Requirements

The contractor will provide conduit material, vaults, pull string, locate wire, for project. The contractor shall be responsible for providing all equipment and labor in order to directional drill and then pull the new service through that borehole. See bid schedule above.

4.1 Sitework 4.1.1 This section consists of all work necessary for the proper execution of the work, in accordance with the City approved plans, specifications, and direction provided by City Staff.

4.1.2 The contractor shall schedule and lay out their work in a manner to minimize the inconvenience of the general public and private property owners and to cause minimum damage to public/private property.

4.1.3 The contractor is responsible for damages and repairs to private and public property at no additional charge. Strict adherence to these specifications is required.

4.1.4 The Contractor shall take all safety measures (install sheeting or shoring, etc.) to protect the public and/or private property and human life and safety as may be required. All spoil material shall be so placed as to cause the least inconvenience to traffic and minimum damage to property. All spoil or excess material such as rock, excess soil, stumps, trees or other debris shall be removed from the site and disposed of by the Contractor. Disposal fee shall be included in each bid schedule above.

4.1.5 The contractor shall maintain safe conditions at all times. Should the City consider the operations unsafe, the operations shall be suspended until the contractor has corrected all unsafe conditions to the satisfaction of the City.

4.1.6 The contractor shall exercise due caution in regard to buried utilities. Any damage to utilities resulting from the contractor's operations shall be repaired by the contractor at the contractor's expense. It shall be the contractor's responsibility to comply with Oregon Utility Notification Center (OUNC) dig laws.

4.1.7 Contractor shall plan their work according to the Erosion Control requirements per the local jurisdiction. Contractor shall be responsible for any violations.

4.1.8 Contractor shall build all aerial facilities per current NESC rules and the preferred pole owner specifications. All post violations found by the pole owner during permit closure, will be remediated within 30 calendar days under warranty at no cost to the city. All aerial attachments

will be tagged with “SBB” aerial zip tie tags. Tags to be provided by city of Sherwood prior to construction beginning.

4.2 Excavation

4.2.1 Excavation shall conform to the latest edition of ODOT Standard Specifications for Roads and Bridges Manual, latest edition and/or local jurisdiction.

4.2.2 Open Excavations: All open excavations shall be adequately safeguarded by providing temporary barricades, caution signs, lights and other means to prevent accidents to person, and damage to property. The contractor shall, at his own expense, provide suitable and safety bridges and other crossings for accommodating travel by the public and workers.

4.2.3 Potholing for the purpose of locating all known and unknown background pipeline or structures in advance of the construction shall be excavated and backfilled by the contractor so as not to create a hazardous area. Potholes shall be backfilled immediately after their purpose has been satisfied and maintained in a manner satisfactory to local jurisdiction.

4.3 Directional boring of Conduit: All conduit placed shall meet the requirements of the local jurisdiction and/or Sherwood Broadband Design and Specifications. All conduits to be placed min. 36” below finished street grade.

4.3.1 All bores with conduit shall have min. #12 tracer wire pulled with directional bore for locating in-place pipeline.

4.3.2 All handholes/vault/manholes structures, will be labelled “City Fiber” on the lid. All cables within the structure will be neatly coiled as well as tagged with provided Sherwood Broadband fiber tags.

Special Provisions
Wilsonville_King City ARPA State Grant Expansion