

**ADVERTISEMENT FOR BIDS
HAMPSHIRE COUNTY COMMISSION
HAMPSHIRE COUNTY, WEST VIRGINIA
PROPOSED
CAPON BRIDGE HYBRID FIBER OPTIC AND WIRELESS BROADBAND PROJECT
THRASHER PROJECT # 010-00010**

Sealed bids for a proposed Capon Bridge Hybrid Fiber Optic and Wireless Broadband Project will be received by the Hampshire County Commission, 66 North High Street, Romney, West Virginia 26757, Hampshire County, West Virginia, until **1 p.m., Eastern Standard Time, on September 27, 2019**, for furnishing labor and materials and performing all Work set forth in the Contract Documents prepared by The Thrasher Group, Inc. Immediately following the scheduled closing time for the reception of Bids, all proposals which have been submitted in accordance with the conditions of the Contract Documents will be publicly opened and read aloud.

The approximate quantities of work to be bid upon are described as follows:

HEAD END ELECTRONICS TO INCLUDE (1) ZHONE MXK, (2) MXK Uplinks, (3) MXK-GPONX8-IO3 2 - MXK Line Cards with 8 ports of GPON SFP Optics, (24) Zhone Transceivers, and (12) MXK-UPLINK-BLANKs; FIBER MATERIALS TO INCLUDE (10,380) LF of 144 Strand Fiber Optic Cable, (4,200) LF of 48 Strand Fiber Optic Cable, (5,040) LF of 24 Strand Fiber Optic Cable, and (1,440) LF of 12 Strand Fiber Optic Cable; AERIAL TERMINAL ENCLOSURES TO INCLUDE (34) 3M™ SLiC™ Aerial Terminal Closures, (3) Clearfield FieldSmart® Fiber Delivery Point (FDP) Wall Boxes, (13) 3M™ Fiber Optic Splice Closures, and (16) 3M™ Cable Addition Kits; BURIED FIBER MATERIALS TO INCLUDE (5) Tessco or Oldcastle 30"x36"x48" Open Base Underground Inspection Vaults, (12) Harger 360PP 10"x24" PVC Wells w/HDPE Covers, (5) ProFORM Vault Pedestals, (12) CraftSmart Fiber Protection Vaults, (8) 12 RLH Fiber Markers, (60) Fiber Optic Cable Markers for Wooden Poles designating Hampshire County Fiber Optic Cable, (1,939) LF of Fiber Optic Conduit, (1,939) LF of Tracer Wire, and (10) CY of Handhole Installation Bedding and Backfill; CABINETS TO INCLUDE (1) Clearfield Fieldsmart 432 Port PON Cabinet with 12-inch Riser, Fiber Patch Only, loaded with 384 SC/APC Distribution Ports, 2 x 48 and 2 x 144 Fiber, 100-ft Fiber OSP Ribbon non-rated non-armored with 48 OSP Feeder Fiber Pigtail in a Clearview® Blue Cassette, (1) Clearfield Fieldsmart 432 Port PON Cabinet with 12-inch Riser, Fiber Patch Only, loaded with 384 SC/APC Distribution Ports, 1 x 24 and 1 x 96 Fiber, 100-ft Fiber OSP Ribbon non-rated non-armored with 48 OSP Feeder Fiber Pigtail in a Clearview® Blue Cassette, (12) Clearfield® WaveSmart Ruggedized Splitters, and (2) PenCell below Grade Vaults; FIBER LABOR AND CONTRACTING TO INCLUDE (14,198) LF of Removal of Existing Cable Plant, (14,229) LF of Aerial Fiber Optic Cable Installation, (100) LF of Trenching, (100) LF of Boring, (1,939) LF of Direct Bury / Vibratory Plowing, (1) Pole of Make Ready – Heavy, (2) Poles of Make Ready – Light, (3) Pole Replacements, and (34) Handhole Installations; SPLICING LABOR TO INCLUDE (700) Splicing Installations, (40) Ribbon Resplicing Installations to Smoky Hollow, (5) Resplicing Installations to Smoky Hollow Reentry, (1) Ribbon Splicing as needed, (4) Placement and Installation of 530-4 Terminals, (13) Placement and Installation of 2178 Splice Enclosures, (16) Placement and Installation of 2181 Cable Addition Kits, (5) Preparation and Installation of ProFORM Vault Pedestals, (50) OTDR Testing Procedures, and (50) Power Testing

Procedures, and (50) Test Reports documenting results of OTDR and Power Testing as required to demonstrate proper handling and installation of materials., (8) HRS of a Certified Cable Splicer with Installation Equipment to supplement installation, and (8) HRS of a Bucket Truck with Operator to supplement installation; DROP CONSTRUCTION TO INCLUDE (1,000) LF of Buried Drop Installation, (2,000) LF of Aerial Drop Installation, and (3) FuseConnect Fusion Spliced Field Installable Connectors; FIXED WIRELESS SITE MATERIALS TO INCLUDE (3) Power System Installations, (3) Samlex 100W Inverters, (3) Samlex SEC 1230-UL Battery Chargers, (12) 12v 100Ah Rechargeable Sealed Lead Acid Batteries, (3) DC Voltage Monitoring Devices, and (3) Unmanaged Rack Mount PDUs; WIRELESS TOWER EQUIPMENT TO INCLUDE (4) Ubiquiti Networks Airmax 5ghz AC Sector Antennas, (4) Ubiquiti Rocket 5AC Prism Gen2 AirMAX AC 5GHz BaseStations, (2) Ubiquiti AF-5U High-Band 5 GHz Point-to-Point Wireless Platforms, (2) Ubiquiti AF-5XHD-US High-Band 5 GHz airFiber® XHD modular airFiber Radio Systems, (1) RF Armor 3 Gang Cluster Mount with Armor Shield Kit and associated Mounting Hardware, and (1) Nano Switch Ubiquity Outdoor 4-Port PoE Passthrough Switch; FIXED WIRELESS LABOR AND CONTRACTING TO INCLUDE (3) EA Site Preparations as required within the Easement Limits for each Fixed Wireless Site, and (3) EA Wireless Site Equipment Installation (includes radios, switches, backup power, etc.).

The Work will be substantially completed within 120 calendar days after the date when the Contract Times commence to run, and completed and ready for final payment within 150 days after the date when the Contract Times commence to run. This Contract will not be subject to liquidated damages.

Contract Documents may be examined at the following places:

Hampshire County Commission
66 North High Street
Romney, WV 26757

The Thrasher Group, Inc.
600 White Oaks Boulevard
Bridgeport, WV 26330

Contractor's Association of WV
2114 Kanawha Boulevard East
Charleston, WV 25311

Complete sets of Bidding Documents may be obtained from the office of Thrasher, 600 White Oaks Boulevard, P. O. Box 940, Bridgeport, WV 26330, for the following costs:

- Bidding Documents issued as hard copy drawings and hard copy specifications are available for \$10.00 per set.
- Bidding Documents issued as digital Specifications on a Flash Drive are available at no charge.

Amounts paid are not subject to refund.

A Two Envelope system will be used.

Envelope No. 1 must have the following information presented on the front:

Name and address of Bidder

Bid on Capon Bridge Hybrid Fiber Optic and Wireless Broadband Project

Received by Hampshire County Commission (and time stamped by Hampshire County)

Envelope No. 2 labeled "Bid Proposal" shall also be placed inside of Envelope #1.

Envelope No. 1 will be opened first and the Bid Opening Requirement items checked for compliance as outlined on the Bid Opening Checklist on page BOR - 1 of these contract documents. If such documents are found to be in order, Envelope No. 2 "Bid Proposal", will then be opened and will be publicly read aloud. If the documents required to be contained in Envelope No. 1 are not in order, Envelope No. 2 "Bid Proposal" will not be opened and the Bid will be considered non-responsive and will be returned to the Bidder.

A Bidder may not withdraw his Bid for a period of ninety (90) days after the date set for the opening of Bids.

Bids shall be accompanied by a certified check or Bid Bond payable to the Hampshire County Commission, an amount equal to five percent (5%) of the base Bid.

Bidders must hold a current West Virginia contractor's license on the date of Bid Opening.

Bidders are advised that the Contract awarded under this Advertisement for Bids is to be funded (entirely/or in part) by a grant from the United States Department of Housing and Urban Development (HUD). Neither the United States nor any of its departments, agencies, or employees is or will be a party to this Advertisement for Bids or any resulting Contract.

This Community Development Block Grant project is to be financed in part by a grant from the U.S. Department of Housing and Urban Development (HUD) and the West Virginia Development Office and shall be referred to as CDBG No. 17CDBG0009 - Capon Bridge Hybrid Fiber Optic and Fixed Wireless Broadband Expansion Project.

Bidders on this Work will be required to comply with the President's Executive Order No. 11246 and "HUD Section 109", which prohibits discrimination in employment regarding race, creed, color, sex, or national origin.

The work to be performed under this Contract is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701 u (Section 3). The contractor will ensure that to the greatest extent feasible opportunities for training and AFB – 3 employment arising in connection with this SCBG-assisted project will be extended to lower income project area residents. Further, the contractor will, to the greatest extent feasible, utilize

business concerns located in or substantially owned by residents of the project area, in the award of contracts and purchase of services and supplies.

The parties to this Contract agree to comply with HUD's regulations in 24 CFR part 135, which implement Section 3. Bidder's attention is directed to the Section 3 "Clause" set forth in the Contract Documents.

Bidders must comply with the requirements for Affirmative Action and Minority Business Enterprise participation as described in the Federal Specifications insert to the Contract Documents. Bidders must comply with Title VI of the Civil Rights Act of 1964, the Davis Bacon Act, the Copeland Act, and the Contract Work Hours and Safety Act.

Any Contractor submitting a Bid on this project hereby certifies, indicates and acknowledges that he/she has a license and meets all the qualifications required by the statutes of the State and subdivision in which the work is to be performed.

Bids received after the scheduled closing time for the reception of Bids will be returned unopened to the Bidders.

The Hampshire County Commission reserves the right to reject any and all Bids.

A Pre-bid conference will be held at the Capon Bridge City Hall Office located at 1 Whitacre Lane, Capon Bridge, WV 26711 on September 20, 2019, at 1 p.m. Eastern Standard Time.

Robert Q. Hott
Hampshire County Commission

The Thrasher Group, Inc.
600 White Oaks Boulevard
Bridgeport, WV 26330