

NOTICE OF HEARING AND LETTING

For the installation of FTTH Optical Network Terminal (ONT) Universal Power Supply (UPS) and House Wiring for Harlan Municipal Utilities, Harlan, Iowa

Notice is hereby given that bids for the FTTH cutover of telephone, Ethernet and Video services, including the supply of necessary labor, materials, and equipment, of a Broadband Project known as 2018 FTTH Cutover of Telephone, Ethernet & Video services will be received by Harlan Municipal Utilities at its office, 2412 Southwest Ave, Harlan, Iowa 51537, on or before 10:00 A.M., C.D.T., May 22, 2018, at which time and place the Bids will be publicly opened and read. The Project is located in the City of Harlan, Shelby County in the State of Iowa.

At, 4:00 P.M., C.D.T., May 24, 2018, at the location indicated above, the Board of Trustees of the Harlan Municipal Utilities shall hold a public hearing on the proposed specifications, proposed form of contract and estimated cost of the project. At said hearing any interested person may appear and file objections to the proposed specifications, contract or estimated cost of said improvements. At said time and place, the bids will be acted upon by the utilities Board or at a later date as will be fixed.

FTTH – ONT, UPS and House Wiring

The project consists to cutting over approximately 650 residences from the existing HFC ADC Homeworx system to a newly installed FTTH network. The following is a list of work that may need to be performed at the residences.

- I. Notify the customer that services will be out of service and approximate length of time.
- II. Run Cat-6 wire from ONT RJ45 jack and terminate at customer router. Test internet connection, Wi-Fi, and customer devices. (Lap tops, I Pads, PC towers, Tablets, and smart phones).
- III. Run Cat-6 wire to telephone jacks (as required for all phones to be operational). Test customers phone for dial tone and call completion.
- IV. Run Tri-Shield RG-6 coaxial cable from ONT video port to main distribution splitter and/or TV outlet. Check RF signal at TV/Set top box and remove any un-needed house RF amplifiers.
- V. Remove existing ADC HomeWorx NID from the residence. Remove coax riser and cut coax off at ground level and terminate drop at main line distribution tap. Write house address on ADC HomeWorx NID and return to HMU warehouse.
- VI. Pick up cable modem and power supply and return to HMU warehouse. Write name and address on cable modem before returning to HMU Warehouse.
- VII. All installations will be done according to SCTE standards.

NOTE: Most every location will have phone & TV wiring at ADC NID and is at or in close proximity to the new FTTH ONT. Most every installation will need to have CAT6 wire run from the ONT to the router location. All services and installations are to be wired and operational according to SCTE standards before leaving the premises.

All of the above work shall be done in accordance with the specifications of the contract. Commencement date of the project shall be agreed upon by the Engineer, Owner and the Contractor but should not be more than forty-five (45) days after contract award unless agreed upon. The time for completion of construction of the Project shall be two hundred twenty days (220 days) (excluding Saturdays, Sundays and legal holidays) from the commencement date.

The plans and specifications together with all necessary forms and other documents for Bidders may be obtained from the Engineer, HunTel Engineering, Inc., 1613 Washington Street, Blair, Nebraska 68008, Telephone (402) 426-6100. The first set is provided at no charge, additional sets may be purchased upon payment of one hundred dollars (\$100.00) which payment will not be subject to refund. The plans, specification, and construction sheets may be examined at the offices of the Owner or Engineer. The **Owner** may restrict the distribution of the plans and specifications.

Bidders shall file with the Engineer at least fifteen (15) days in advance of the scheduled bid date, the Bidder's qualifications on forms, copies of which can be obtained from the Engineer. Questions relating to Bidder's qualifications shall be resolved prior to the opening of Bids.

Each proposal shall be sealed in an envelope marked "**SEALED BID FOR HARLAN MUNICIPAL UTILITY FTTH SYSTEM (Labor)**". Each bid must be accompanied in a separate envelope by a bid bond, certified check or cashier's check drawn on a State of Iowa or federally chartered bank, or a certified share draft on a State of Iowa or federally chartered credit union, in an amount equal to ten percent (10%) of the maximum bid price, and made payable to the Owner as a security that the bidder will enter into a contract for the furnishing of materials and installation within five (5) days after the award of the contract to such bidder. Bidders shall not be permitted to withdraw their bids for a period of thirty (30) days after they are opened.

Such bid security shall be forfeited to Harlan Municipal Utilities as liquidated damages in the event the successful bidder fails or refuses to enter into a contract within ten (10) days after the award of contract and post bond satisfactory to Harlan Municipal Utilities insuring the faithful fulfillment of the contract.

Payment for said work to be performed will be made from cash on hand. Payments will be made on a monthly basis For completed service installations.

Harlan Municipal Utilities reserves the right to defer acceptance of any proposal for a period not to exceed ninety (90) days after the date proposals are received and no proposal may be withdrawn during this period.

Harlan Municipal utilities reserves the right to reject any or all bids, waive any or all minor irregularities, and enter into such contract as it shall deem to be in the best interest of Harlan Municipal Utilities.

Any attempt to obtain low bid status by selectively bidding of multiple manufacturers low dollar products such that the cost of spares on inventories are unduly affected may be grounds for total bid rejection. The Harlan Municipal Utilities is interested in initial and long-term system performance and consideration.

Issued upon order of Harlan Municipal Utilities, Harlan, Iowa.


Dated this 29th day of March, 2018

HARLAN MUNICIPAL UTILITIES



David Tyrrel, Chairman, Board of Trustees

ATTEST:



Secretary, Kenneth C. Weber