

**Iowa Communications Network**  
**OSP Log #64190305, New Link, 48 Fiber Armored**  
**Marshall, Marshalltown, Police & Fire Departments, Phase 2 Connection**

**Overview of the Project:**

The ICN intends to extend a 48-strand armored fiber cable from the existing handhole/splice point LS498 on S. 6<sup>th</sup> St, south of W. High St, to the existing ICN cable, Link 0601Q, on S. Center St (Hwy 14) and Marshalltown Community College drive south of Highway 30; see engineering plans. This will require new conduit of approximately 14,820 feet and installing 17,000 feet of 48 armored fiber in new conduit. [Please see the maps and pictures in the attached ENGINEERING PLAN. All work to be completed per the attached STANDARD INSTALLATION REQUIREMENTS and TYPICALS except where noted within this STATEMENT OF WORK \(SOW\).](#) Upon notification of completion, the ICN will perform a review using the attached PUNCHLIST. Any corrections will need to be made prior to ICN issuing payment for work completed.

Access Point for this project will be Marshalltown Community College at 3700 S. Center St, Marshalltown.

**SPLICING EXCLUDED FROM THIS CONSTRUCTION BID**  
**SPLICING SHALL BE COORDINATED WITH NOC OSP**

**Preparatory Tasks & Responsibilities:**

1. Secure all necessary locates from "Iowa One Call."
2. Locate all private utilities as necessary.
3. Construction signing shall comply with the Manual on Uniform Traffic Control Devices.
4. The contractor must notify the local IDOT maintenance garage/County/City (per permit) of intent to proceed at least 48 hours prior to commencement of work.
5. ANSI/ISEA 107-2004 CLASS 2 SAFETY VESTS are required at all times within Iowa Department of Transportation right-of-way
6. **Exceptions/Additions to Standard Installation Requirements:**

**Duct Installation**

1. Provide 1-2-inch HDPE, SDR 13.5 duct from Station 0+00 at the S. Center St. to Station 148+20 at the S. 6<sup>th</sup> St. handhole.
2. It shall be the sole responsibility of the contractor to ensure that the fiber installation is in the public Right-of-Way.
3. See engineering plans for locations and distances off existing public ROW when provided.

**Handholes:** Install ICN provided 24"x36"x36" Tier 22 Bulk handhole(s) at the 13 locations per ICN Standard Practice/Typical Drawings at location shown on the attached plans.

**Fiber Installation**

1. Install a 17,000 foot ICN provided, armored, 48-strand single mode fiber from Station 0+00 to 148+62.
2. **Slack Loops** shall be installed as indicated on the attached plans.

**NOTE:** At the conclusion of the project, ensure that a pull rope is left in ALL pathways, both inside and outside, new and existing.

**Locate Facilities** (The conduit/cable installation contractor is responsible for placement of all locate facilities and wires in preparation for the splicing contractor): Locate Pedestals shall be placed per ICN typical: "Locate Pedestal Typical - TriView w/ISO Lever" or "Locate Pedestal Typical"

1. **Locate Points** shall be placed where indicated on the Engineering Drawings and as noted below.
  - 1.1. Sta 0+00 install new - Rhino TriView 72 Inch - bonded to armored cable
  - 1.2. Sta 148+62 temporarily connect to the existing Isolever termination block inside the handhole.
2. **Armored Cable** - Where the metallic shield of the armored cable shall be used as the locate wire, the contractor shall leave enough tracer wire to match the splice tails from the locate point.
3. **Labeling:** Label all wires in the pedestal and label direction they are facing.

**ICN Provided Materials per attached table:** Contractor shall pick up ICN-provided materials at the ICN warehouse in Des Moines. Contact the ICN warehouse 48 hours in advance to pick up materials; contact Paul Damge (515-725-4749) to ensure

availability.

**Contractor shall supply** all other materials required for proper installation, including but not limited to: HDPE, Grounding and Tracer Wires, Rock, Wire Mesh, etc.

**ICN Responsibilities:**

1. Project Management
2. ICN will secure all necessary DOT, County, City ROW permits. Contractor is responsible for all excavation permits if required.
3. ICN provided materials; see above.

**ICN Point of Contact for this Project:  
Engineering/Design:**

Tim Flickinger  
515-725-4699 office  
515-491-3750 cell

**Materials:**

Paul Damge  
515-725-4749 office  
515-491-1429 cell

**Other Points of Contacts:**

1. Other:

**Bid/Job Showing:** N/A

**Work Start Date:** Work may begin upon award of the bid and completion of the contract. The ICN anticipates work to begin on after May 20<sup>th</sup>, 2019. Only written modifications to this Scope of Work are binding - Verbal changes to this scope of work by any person or persons are not binding, unless confirmed in writing.

**Completion Date:** **Not later than September 13, 2019** with Desired Completion date of August 5<sup>th</sup>, 2019.

**Quotes Due Date:**

Quotes must be **received sealed by** Sheri Stephens, ICN Contracting, **NLT 2PM on May 8<sup>th</sup>, 2019.**

**Quotes:** Contractors must submit a quote for Construction Bid as outlined in the SOW and per the Engineering drawings. ICN requires a breakdown of lump sum bids into labor and materials.

**Items under the "Splicer Responsibilities" are excluded from the Construction Bid. Splicing will be handled separately. Contractor is responsible for the installation all other items required in this Scope of Work.**

Quotes may be delivered sealed to:

Sheri Stephens  
ICN Contracting  
Grimes State Office Building  
400 East 14<sup>th</sup> Street  
Des Moines, IA 50319  
Fax: 515-725-4774  
E-Mail: sheri.stephens@iowa.gov

**Completion of Work:**

1. Upon notification of construction completion, ICN will have 2 weeks to complete the Punch List.
2. Upon initial completion of Punch List, the Contractor will have 2 weeks to correct any issues identified on the Punch List.
3. Upon notification of corrections, the ICN will have 1 week to verify corrections were completed to the ICN's satisfaction.
4. No payment will be made until all work is completed per the contract unless agreed upon by both parties.

**Attachments:**

Statement of Work (SOW), this document  
Engineering Plans (Construction Drawings) with Typicals  
Punch List  
Materials List  
Standard Installation Requirements  
Iowa DOT Permits for Hwy 30 and 14