

**Iowa Communications Network Statement of Work
OSP Log #55240201, Link 250, 4F
Kossuth County – Highway 18 reconstruction between Algona and Sexton**

Project Overview:

The ICN requires relocation of existing 4 fiber cable along Highway 18 from 140th Ave to 190th Ave between Algona and Sexton. This will be one overall project that will consist of four separate relocations along Highway 18 within a 6-mile stretch. Total relocation will consist of placement of approximately a total of 11,350-ft of minimum of 1.25-in HDPE. Contractor will place a total of eight (8) handholes with lids set at grade. A new 48-strand OSP armored fiber optic cable shall be placed through the new conduit and coiled evenly in each handhole for each of the four separate relocations. Total cable pull distance including slack will be roughly 12150-FT. Relocation will consist of exposing a total of 600-FT of existing live ICN cable for the splice tails.

*****THE BID WILL BE OF ALL FOUR RELOCATES COMBINED INTO ONE TOTAL COST*****

Relocation #1 at 140th Ave –

Relocation will consist of placement of approximately a total of 2300-ft of minimum of 1.25-in HDPE. Contractor will place a total of two (2) handholes with lids set at grade. A new 48-strand OSP armored fiber optic cable shall be placed through the new conduit and coiled evenly in each handhole. Contractor to expose a total of 150-FT of existing live ICN cable for the splice tails.

Relocation #2 at 160th Ave –

Relocation will consist of placement of approximately a total of 1150-ft of minimum of 1.25-in HDPE. Contractor will place a total of two (2) handholes with lids set at grade. A new 48-strand OSP armored fiber optic cable shall be placed through the new conduit and coiled evenly in each handhole. Contractor to expose a total of 150-FT of existing live ICN cable for the splice tails.

Relocation #3 at 170th /175th Ave –

Relocation will consist of placement of approximately a total of 4600-ft of minimum of 1.25-in HDPE. Contractor will place a total of two (2) handholes with lids set at grade. A new 48-strand OSP armored fiber optic cable shall be placed through the new conduit and coiled evenly in each handhole. Contractor to expose a total of 150-FT of existing live ICN cable for the splice tails.

Relocation #4 at 190th Ave –

Relocation will consist of placement of approximately a total of 3300-ft of minimum of 1.25-in HDPE. Contractor will place a total of two (2) handholes with lids set at grade. A new 48-strand OSP armored fiber optic cable shall be placed through the new conduit and coiled evenly in each handhole. Contractor to expose a total of 150-FT of existing live ICN cable for the splice tails.

Please see the maps and pictures in the attached CONSTRUCTION DRAWING(S). 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.

SPlicing EXCLUDED FROM THIS CONSTRUCTION BID / SPlicing SHALL BE COORDINATED WITH NOC OSP

ICN Responsibilities:

1. Project Management
2. **ICN will secure all necessary DOT ROW permit.**
3. **ICN Provided Materials per attached table:** Contractor will not need to pick up any materials from ICN.

ITEM	ICN PART NUMBER	QTY	NOTES
ICN PROVIDED MATERIALS			
TRIVIEW Test Station w/ Isolever 72" ORANGE (with 3 ICN decals applied) (Walker)	TVT172OB-EM9125	1	
TriView Warning Marker 78" with Orange Cap (with 3 decals - part number SD-9007K)	TVFL7800	7	
450A (with lug) FOSC450-A4-4-NT-0-A1V CLOSURE W/ GROUNDING & STD BSKFOR LT FI	FOSC450-A4-4-NT-0-A1V	8	Stock Item
A TRAY 12 FOSC-ACC-A-TRAY-12 TRAY WITH 12 FUSION SPLICE HOLDER	497817-000	8	BS case
FOSC Closure Sealing Kit FAK-MULDRP-45-4P/CBL-ATT	1F6818-000	1	
3M Scotchlok Shield Bond Connector 4460-D	4460-D	16	
CONTRACTOR PROVIDED MATERIALS*			
HDPE Conduit (13.5 SDR)	Size MIN.1.25"	11350	
48 strand Armored SM fiber	Size MIN.12F	12500	
24" X 36" X 30" TD handhole w/ 20T lid TIER 15		8	
6 AWG Bare Solid Copper Ground Wire (Graybar) - 315' reel		20'	
Erico 1/2" x 6' Ground Rod (Graybar)	611360	1	
Burndy 1/2" Ground Rod Clamp (Anixter)	GRC12	1	

Contractor Responsibilities:

- Contractor shall supply all other materials required for proper installation, including but not limited to: HDPE, Grounding and Tracer Wires, Rock, Wire Mesh, etc.
- Construction permits and/or bonds as required by ROW jurisdiction.

Bid/Job Showing: N/A

Work Start Date: Work may begin once DOT has officially acquired all ROW. The DOT anticipates that contractor can start roughly June 14th, 2025 and road construction could start in July 2025. The DOT understands the time constraints of getting this completed in a short amount of time and will work with utilities.

Completion Date: Not later than 7-31-25 (extension may be negotiated based upon weather and/or unforeseen construction problems in the ROW).

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.

Quotes:

- Quotes must be received by Sheri Stephens, ICN Contracting, NLT 2PM on 4-24-25.
- 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.

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: The following are included by reference and as provided within Bid Documents.

55240201 - Scope of Work (SOW), this document
55240201 - Engineering Plans (Construction Drawings)
55240201 - Punch List
55240201 – Typicals
55240201 – DOT documents