



Utilities Department

**SPECIFICATION PACKAGE FOR
CONTRACT 2013-OPGW-V**

**INSTALLATION OF 60/48 FIBER OPGW SHIELD WIRE
Electrical Yard to Library 60 strand OPGW and Library to
Substation "B" 48 strand OPGW**

Bid Opening Date/Time

Thursday, August 15, 2013 at 2:00 p.m. (Local Time)

City of Grand Island, City Hall
100 East 1st Street (P.O. Box 1698)
Grand Island NE 68801

Contact

City of Grand Island – Utilities Department
Engineering & Construction Division
(308) 385-5460

Name of Bidder _____

CITY OF GRAND ISLAND, NEBRASKA

CONTRACT 2013-OPGW-V Installation of 60/48 Fiber OPGW Shield Wire and ADSS Electrical Yard to the Library and Substation "B"

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BIDDER CHECKLIST FOR
CONTRACT 2013-OPGW-V
INSTALLATION OF 60/48-FIBER OPGW SHIELD WIRE

Bids must be received by the City Clerk before 2:00 p.m., on Thursday, August 15, 2013.

The following items must be completed for your bid to be considered.

Check Box:

- A completed bidder checklist form.
- The **original bid** submitted on the forms furnished by the City, and bound with the complete Contract documents as issued; and **four (4) additional copies (FIVE TOTAL)** of the form of the Contractor's bid.
- Acknowledgment of Addenda Number(s) _____.
- Lump sum pricing as applicable. (See bid form)
- A certified check, cashier's check, or bid bond in a separate envelope attached to the **outside of the envelope containing the bid**. Each envelope must be clearly marked indicating its contents. Failure to submit the necessary qualifying information in clearly marked and separate envelopes will result in your bid not being opened.
- Manufacture's descriptive equipment and materials literature.
- Equipment and materials warranty.

Bidder Company Name

Date

Print – Name of Person Completing Bid

Signature

Telephone No. _____

Fax No. _____

ADVERTISEMENT TO BIDDERS
CONTRACT 2013-OPGW-V
INSTALLATION OF 60/48-FIBER OPGW SHIELD WIRE
FOR
CITY OF GRAND ISLAND, NEBRASKA

Sealed bids will be **received at the office of the City Clerk**, 100 East First St., Grand Island, NE 68801 or P.O. Box 1968, Grand Island, NE 68802, **until 2:00 p.m. (local time) on Thursday, August 15, 2013**, for furnishing labor, tools, equipment, materials, and doing all work for Contract 2013-OPGW-V involving the installation of 60/48-fiber OPGW shield wire and ADSS fiber optic cable for the City of Grand Island. Bids will be publicly opened at this time in Conference Room #1 located on 1st floor of City Hall. Bids received after the specified time will be returned unopened to sender.

The original bid shall be submitted on the bid forms furnished by the City, which shall remain bound with the complete Contract documents as issued. Additionally, the bidder shall provide **four (4) additional copies (FIVE TOTAL) of the Bidders Checklist and Form of the Contractor's Bid.** **Failure to submit the correct number of copies will result in the bid being deemed non-conforming and rejected.** Each bidder will be assigned a "numbered" set of documents. Bids must be submitted on the "numbered" document set. Failure to submit bids on the "numbered" document set may result in disqualification of the bid.

Each bidder shall submit with their bid a certified check, a cashier's check or bid bond payable to the City Treasurer in an amount no less than five percent (5%) of the bid price which shall guarantee good faith on the part of the bidder and the entering into a contract within twenty (20) days, at the bid price, if accepted by the City. **Your certified check, cashier's check or bid bond must be submitted in a separate envelope attached to the outside of the envelope containing the bid.** **Each envelope must be clearly marked indicating its contents. Failure to submit the necessary qualifying information in clearly marked and separate envelopes will result in your bid not being opened or considered.** Bid bonds must be issued by surety companies authorized to do business in the State of Nebraska.

The successful bidder will be required to comply with fair labor standards as required by Nebraska R.R.S. 73-102 and comply with Nebraska R.R.S. 48-657 pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. Successful bidder shall maintain a drug-free workplace. Every public contractor and his, her or its subcontractors who are awarded a contract by the City for the physical performance of services within the State of Nebraska shall register with and use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

Successful bidder shall comply with the City's insurance requirements and supply performance and payment bonds.

Bids will be evaluated by the Purchaser based on price, quality, adherence to schedule, plan and specification, economy and efficiency of operation, experience and reputation of bidder, ability, capacity, and skill of the bidder to perform contract required and adaptability of the particular items to the specific use intended. The Purchaser reserves the right to reject any or all bids and to waive irregularities therein and to accept whichever bid that may be in the best interest of the City, at its sole discretion.

No bidder may withdraw their bid for a period of sixty (60) days after date of opening bids.

Plans and specifications for use in preparing bids may be obtained from the Utility Engineering Office located at Phelps Control Center, 700 East Bischeld Street, Grand Island, NE; telephone (308) 385-5460. **The bid proposal package is also available on-line at www.grand-island.com under Calendars.**

Any questions on the project should be directed to John DeVeney at (402) 849-2220.

RaNae Edwards
City Clerk

CITY OF GRAND ISLAND, NEBRASKA

**INSTRUCTIONS TO BIDDERS
FOR**

**CONTRACT 2013-OPGW-V
INSTALLATION OF 60/48-FIBER OPGW SHIELD WIRE**

PROJECT AREA: The project area is located in the central part of the City of Grand Island, NE. The work involves the installation of 60/48-strand fiber optic OPGW and 24 strand ADSS from the Electric Department building at 1116 West North Front Street. To the Library (348 Jefferson/1216 West 2nd Street) and on to Sub Station "B" (Actual measurements and locations are to be field verified by the contractor prior to bidding. Actual final locations may vary.)

BIDDING DOCUMENTS: Bidding documents, plans and specifications for use in preparing bids may be obtained from the Utility Engineering Office located at Phelps Control Center, 700 East Bischeld Street, Grand Island, NE; telephone (308) 385-5460.

Bids will not be accepted from bidders that are not listed on the City's bidding document holder list as having complete sets of Bidding Documents.

BIDDER QUALIFICATION: Bids will be received only from qualified bidders. A bidder will be considered qualified if they are a recognized supplier or manufacturer of materials and items similar to that specified herein with complete factory facilities in the United States and has had experience in the design and manufacture of items of equal or greater size than that specified herein. Bidders shall furnish upon request a list of jobs of similar size, magnitude and requirements which they have satisfactorily performed. The list shall state the name of the purchaser, locations, date of purchase, size, type and operating conditions. Such data will be used to assist in determining the qualifications of the bidder, and shall be submitted within seven (7) calendar days from receipt of such a request by the City. Bidder must comply with all applicable Federal, State and local rules and regulations.

SUBMISSION OF BIDS: All bids shall be submitted on the bid forms hereto attached, which shall remain bound with the complete Contract documents as originally issued, and be addressed to the City Clerk, and plainly marked, "**BID FOR CONTRACT 2013-OPGW-V**". The **bidder shall provide four (4) additional copies of the Bidders Checklist and Form of the Contractor's Bid (FIVE TOTAL).**

BIDDER SECURITY: Bidder security, when required, shall be enclosed in a special envelope marked, "BIDDER SECURITY / BID FOR CONTRACT 2013-OPGW-V". The envelope shall contain only a cashier's check, certified check, or bidder's bond.

This special envelope shall be attached to a sealed envelope containing the bid and any other requested bid materials. This second envelope shall be marked "BID FOR CONTRACT 2013-OPGW-V". Bids of an incomplete nature or subject to multiple interpretations may, at the option of the purchaser, be rejected as being irregular.

CHECKS OR BID BONDS: Checks or bid bonds of the unsuccessful bidders will be returned when their bids have been rejected and not to exceed sixty (60) days from the date bids are opened. All bids shall remain in force for this sixty (60) day period. The check or bid bond of

the successful bidder will be returned when the Contracts are signed by both parties and necessary bonds supplied. Should the Purchaser make an award to a Contractor who refuses to enter into Contract and furnish the required bonds within twenty (20) days after notification of acceptance, then the bid security which has been deposited with the Purchaser will be forfeited to the Purchaser as liquidated damages.

PERFORMANCE AND PAYMENT BONDS: A Performance Bond, when required, in an amount equal to one hundred percent (100%) of the Contract Price, conditioned upon faithful performance of the Contract and PAYMENT of all people supplying labor and/or furnishing materials will be required coincident with the execution of the Contract. According to Nebraska Law, the surety company executing the Performance Bond must be authorized to do business in the State of Nebraska.

A Payment Bond, when required, in an amount equal to one hundred percent (100%) of the Contract Price for protection of all people supplying labor and materials to the Contractor or its subcontractors for the performance of the work provided for in the Contract will be required coincident with the execution of the Contract. In accordance with Nebraska Law, the surety company executing the Payment Bond must be authorized to do business in the State of Nebraska.

LOCAL CONDITIONS: Each bidder shall have an authorized representative visit the site of the work and thoroughly inform themselves of all conditions and factors which would affect the work and the cost thereof, including the arrangement and conditions of existing or proposed structures affecting or affected by the proposed work; the procedure necessary for maintenance of uninterrupted operation; the availability and cost of labor and facilities for transportation, handling, and storage of materials and equipment.

It must be understood and agreed that all such factors have been investigated and considered in the preparation of every bid submitted. No claims for financial adjustment (to any Contract awarded for the work under these Specifications and documents) will be permitted by the City, which are based on lack of such prior information, or its effect on the cost of the work.

Site Inspected By _____

Date _____

BASE BID: The bidder is expected to base bids on materials and items complying fully with these specifications, and in the event items listed in the bid materials or items which do not conform, the bidder will be responsible for furnishing materials and items which fully conform at no change in the bid price.

Bids will be evaluated by the Purchaser based on price, quality, adherence to schedule, plan and specification, economy and efficiency of operation, experience and reputation of bidder, ability, capacity, and skill of the bidder to perform Contract required and adaptability of the particular items to the specific use intended.

ALTERNATE BIDS: It is the desire of the Owner that the bidder bases their bid price for this project on the written specifications. If an alternate bid or bids are submitted by a bidder, it is desired that they first submit a bid price as above described and then describe an alternate bid. Failure to do so may be reason for not extending any consideration to alternate bids.

MODIFICATION OF BIDS: Bids may be modified or withdrawn by an appropriate document duly executed in the manner that a bid must be executed and delivered to the place where bids are to be submitted at any time prior to the final time set for receiving bids.

Bidders may modify or withdraw bids by fax communication at any time prior to the time set for receiving bids provided this instruction is positively identified. Any fax modification should not reveal the amended bid price but should provide only the addition, subtraction or other modifications. A duly executed document confirming the fax modification shall be submitted within three (3) days after bids are opened.

ADDENDA: Any addendum to the specifications issued during the time allowed for preparation of bids shall be covered in the bid and, upon closing, shall become a part of the specifications. One copy of each addendum issued before the date of the letting will be sent to all bidders. One signed copy is to be returned immediately to the Purchasing Division of the Legal Department (or other Department if so designated in the addendum) as acknowledgment of receipt.

TAXES -- The Grand Island Utilities Department is a non-exempt body and, as such, is required to pay City sales tax (which at present is 1.5%) and State sales tax (which at present is 5.5%). Therefore, all applicable taxes shall be included in the unit price relative to the Contract and shall be paid by the Contractor as part of the Contract price. Therefore, the Contract price will be adjusted to compensate for any changes in taxes applicable or changes in tax rates which occur subsequent to the bid opening date and prior to completion of the Contract, in a manner equitable to both parties.

EXCEPTIONS TO SPECIFICATIONS: Each bidder shall carefully check all requirements herein set forth and shall offer items which fully comply with these requirements or shall plainly set forth all points, features, conditions, specifications, etc., wherein the bidder's items offered do not meet these specifications. Such exceptions as are made shall be listed by page number in the following blanks and shall be marked in ink on the pages of these specifications. Exceptions shall be explained in detail in a letter accompanying the bid. Reference shall **not** be made to other attachments for exceptions and supplementary terms. Failure to outline such exceptions as specifically stated herein will require the successful bidder to comply with these specifications. In case of conflict between the bid and these specifications, these specifications shall govern unless specific exceptions are listed by the bidder.

Exceptions to specifications, pages _____

BID EVALUATION: Bids will be evaluated by the Purchaser based on price, quality, adherence to schedule, plan and specification, economy and efficiency of operation, experience and reputation of bidder, ability, capacity, and skill of the bidder to perform Contract required and adaptability of the particular items to the specific use intended. The Purchaser reserves the right to reject any or all bids and to waive irregularities therein and to accept whichever bid that may be in the best interest of the City.

INSURANCE COVERAGE: The Contractor shall purchase and maintain at their expense as a minimum insurance coverage of such types and in such amounts as are specified herein to protect Contractor and the interest of Owner and others from claims which may arise out of or result from Contractor's operations under the Contract Documents, whether such operations be by Contractor or by any subcontractor or anyone directly or indirectly employed by any of them or for whose acts any of them may be legally liable. Failure of Contractor to maintain proper insurance coverage shall not relieve them of any contractual responsibility or obligation.

GRATUITIES AND KICKBACKS: City Code states that it is unethical for any person to offer, give, or agree to give any City employee or former City employee, or for any City employee or former City employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, or preparation of any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter, pertaining to any program requirement or a contract or subcontract, or to any solicitation or proposal therefore. It shall be unethical for any payment, gratuity, or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.

DRUG-FREE WORKPLACE POLICY: Bidders shall furnish upon request, a copy of their drug free workplace policy.

FINANCIAL STATEMENT: The bidder shall furnish upon request a complete financial statement signed by the bidder, if an individual, by all partners if the bidder is a partnership and, by the President or Secretary, if the bidder is a corporation.

EQUAL EMPLOYMENT OPPORTUNITY: The Contractor agrees that during the performance of this Contract not to discriminate in hiring or any other employment practice on the basis of race, color, religion, sex, disability, age or national origin, and to comply with Executive Order 11,246 of September 24, 1965, and the rules, regulations and relevant orders of the Secretary of Labor, and Chapter 20 of the Reissue Revised Statutes of the State of Nebraska.

CORRESPONDENCE: Correspondence regarding drawings, instruction manuals, and other engineering data shall be clearly marked "CONTRACT 2013-OPGW-V" and sent through:

Purchasing Division of the Legal Department - City of Grand Island
P. O. Box 1968
Grand Island, NE 68802-1968
Telephone (308) 385-5444, Ext. 139

REQUEST FOR INTERPRETATION: If any person contemplating submitting a bid for this Contract is in doubt as to the true meaning of any part of the specifications or other proposed Contract documents, they may submit to the Purchasing Division of the Legal Department a written request for an interpretation thereof. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the proposed documents will be made only by addendum duly issued and/or delivered to each person receiving a set of such documents. The addenda, upon closing, shall become a part of the Contract. The Purchasing

Division of the Legal Department will not be responsible for any other explanation or interpretation of the proposed documents.

LOCAL BIDDER PREFERENCE: In case of tied low bids, all other things being equal, preference shall be given in the following order:

1. To those bidders who manufacture their products within the limits of the City of Grand Island.
2. To those bidders who manufacture their products within the limits of the County of Hall.
3. To those bidders who package, process, or through some other substantial operation have employees and facilities for these purposes in the City of Grand Island.
4. To those bidders who package, process, or through some other substantial operation have employees and facilities for these purposes in the County of Hall.
5. To those bidders who maintain a bona fide business office in the City of Grand Island, whose products may be made outside the confines of the City of Grand Island.
6. To those bidders who maintain a bona fide business office in the County of Hall, whose products may be made outside the confines of the County of Hall.
7. To those bidders whose commodities are manufactured, mined, produced, or grown within the state of Nebraska, and to all firms, corporations, or individuals doing business as Nebraska firms, corporations or individuals, when quality is equal or better, and delivered price is the same or less than the other bids received.
8. To those bidders whose commodities are manufactured, mined, produced, or grown within the United States of America, and to all firms, corporations, or individuals doing business as firms registered in states other than Nebraska, when quality is equal or better, and delivered price is the same or less than the other bids received.

PROJECT TIME FRAME: It is understood and agreed that time is the essence of the Contract. No work shall commence until the Certificate of Insurance and bonds (when required), are approved by the City and the Contract is executed. **The proposed work shall be completed in all respects by November 29, 2013**, and as listed in the Contract Agreement. The Contractor shall coordinate with the City of Grand Island Utilities Department relative to scheduling work.

REQUESTS FOR PAYMENT: The City of Grand Island will make payments only after approval at regularly scheduled City Council meetings. These meetings typically occur the second and fourth Tuesday each month. Requests for payment must be received no less than ten (10) working days prior to the designated meeting to allow proper review and consideration. Payments will only be made after final completion of the project to the City's satisfaction unless otherwise stated elsewhere in bidding documents.

DATA PRIVACY: Bidder agrees to abide by all applicable Local, State, and Federal laws and regulations concerning the handling and disclosure of private and confidential information concerning individuals and corporations as to inventions, patents and patent rights. The bidder agrees to hold the City harmless from any claims resulting from the bidder's unlawful disclosure or use of private or confidential information.

OSHA & ANSI REQUIREMENTS: In addition to other specified requirements, all equipment, materials and installation shall be in accordance current Occupational Safety and Health Administration (OSHA), American National Standards Institute (ANSI), American Society of Testing and Materials (ASTM), National Electric Code (NEC), and Underwriter Laboratories (UL) requirement specifications, all governing local ordinances and regulations, the specifications and provisions of the contract which apply.

DESCRIPTIVE LITERATURE: The bidder shall attach hereto, and it shall be made part of this bid, two (2) copies of regularly printed literature and diagrams, as published by the manufacturer, which sets out and fully describes the equipment and materials to be furnished in the bid. The bidder shall provide with their bid such additional information which describes fully the manufacturer, voltage, type, style, dimensions, and catalog number for all components of the equipment and materials to be supplied for the project complete.

The manufacturer's catalog numbers shall be clearly highlighted on all submitted literature to indicate compliance with these specifications for each item proposed to be furnished. Failure to properly identify individual component numbers may be cause for rejection of bid.

OPTIONAL EQUIPMENT: The general and detailed specifications are the minimum requirements. The bidder may include optional equipment if desired. Optional equipment should be noted as such.

WARRANTY: The equipment and materials shall carry the manufacturer's standard warranty; bidder should include warranty details with their bid; failure to comply may cause the bid rejection. The supplier shall hold themselves responsible for any and all defects which may develop in any part of the materials furnished by them and, upon receipt of written notice from the Authority, shall immediately replace and make good without expense to the City any such faulty part or parts and damage done by reason of same from the date of formal acceptance of the materials (except when specific guarantees are elsewhere specified).

The supplier shall guarantee for one year from date of final acceptance by the City, that all components are of the manufacturer, voltage, type, style, and dimensions of the equipment and materials supplied. The acceptance of such materials, or any part thereof, shall not act to waive any liability on the part of the supplier.

**CITY OF GRAND ISLAND, NEBRASKA
FORM OF CONTRACTOR'S BID
FOR
CONTRACT 2013-OPGW-V
INSTALLATION OF 60/48-FIBER OPGW SHIELD WIRE**

TO THE MEMBERS OF THE COUNCIL
CITY OF GRAND ISLAND
GRAND ISLAND, NEBRASKA

THE UNDERSIGNED BIDDER, having examined the plans, specifications, general and special conditions, other proposed Contract documents, all addenda thereto and being acquainted with and fully understanding (a) the extent and character of the work covered by this bid; (b) the location, arrangement and specified requirements for the proposed work; (c) the location, character and condition of existing streets, roads, highways, railroads, pavements, surfacing, walks, driveways, curbs, gutters, trees, sewers, utilities, drainage courses and structures and other installations, including surface, overhead, and underground, which may affect or be affected by the proposed work; (d) the nature and extent of the work and the handling and rehandling requirements, including possible constraints; (f) the difficulties and hazards to the work which might be caused by storm and flood water, delivery facilities; and (h) all other factors and conditions affecting or which may be affected by the work;

HEREBY PROPOSES to furnish all required materials, supplies, equipment, tools and plant, to perform all necessary labor and supervision, pay all sales and use taxes applicable to materials and supplies, and to construct, install, erect, equip and complete all work stipulated in, required by and in accordance with the Contract documents and the plans, specifications and other documents referred to therein (as altered, amended or modified by all addenda thereto) for and in the below Contract price:

C.1 TOTAL BID FOR CONTRACT 2013-OPGW-V

_____ (Words) _____ (Figures)

Additionally, the Bidder shall provide the following unit prices. These prices shall also be used to adjust the bid price in the event the specifications or plans and drawings are altered or changed by the City due to unforeseen conditions. The unit prices shall be used in conjunction with, GENERAL SPECIFICATIONS, Section 9.04, titled "Payment for Extra Work." These prices will be used as the established price for any additions or deductions to the contract work. Unit prices shall include all materials, supplies, equipment, and labor necessary to furnish and install the unit complete. The contractor will be paid on the basis of actual quantity times unit price:

ITEM	DESCRIPTION	UNIT PRICE
C.2.1	ADSS 24-strand SM per foot cost (material only)	\$ _____ / FT
C.2.2	Labor to install ADSS (per foot cost)	\$ _____ / FT
C.2.3	ADSS installation hardware (per pole cost)	\$ _____ / Pole
C.2.4	OPGW 48-strand SM per foot cost (material only)	\$ _____ / FT
C.2.5	OPGW 60-strand SM per foot cost (material only)	\$ _____ / FT
	Labor to install OPGW (per foot cost)	\$ _____ / FT

The Grand Island Utilities Department is a non-exempt body and, as such, is required to pay sales tax. Therefore, all sales taxes relative to the project shall be paid by the Contractor as part of the Contract price. If bidder fails to include all applicable sales tax in their bid price for **CONTRACT 2013-OPGW-V** or takes exception to including sales tax in their bid price, the City will add a 7% figure to the bid price for evaluation purposes; however, the City will only pay actual sales tax due.

According to Nebraska Sales and Use Tax Requirements, Section 1-017, Contractors, check which option you have selected to file with the Nebraska Department of Revenue;

- Option 1 (Section 1-017.05) _____
- Option 2 (Section 1-017.06) _____
- Option 3 (Section 1-017.07) _____

The choice of option is made by completing and mailing to the Department of Revenue, a Nebraska Sales and Use Tax Election for Contractors. This form must be filed within three months after beginning to operate as a Contractor. If this form is not filed, the Contractor will be treated as a retailer under Option 1 for sales and use tax purposes.

The bidder shall provide the following breakdown of the bid information for use by the Grand Island Finance Department:

- Sub-total for Sales Tax: \$ _____
- Sub-total for Materials Cost: \$ _____
- Sub-total for Services Cost \$ _____
(Labor and Incidental Services Rendered)

Total of above items must equal Item C.1

EXPERIENCE DATA:

Each bidder shall supply the following data on their experience:

Project Owner/Contact/Phone No.	Project Location	Completion Date

Additional Data: _____

INSURANCE:

Bidder acknowledges that bid includes compliance with the attached insurance requirements.

ADDENDA:

Bidder acknowledges that Addenda Number(s) _____ were received and considered in bid preparation.

The undersigned bidder agrees to furnish the required bond and to enter into a contract within (20) days after acceptance of this bid, and further agrees to complete all work covered by the foregoing bid in accordance with specified requirements. **No work shall commence until the Certificate of Insurance and bonds (when required), are approved by the City, and the contract is executed.**

Enclosed herewith is the required bid guarantee in the amount of

_____ Dollars (_____)

which the undersigned bidder agrees is to be forfeited to and become the property of the City of Grand Island, Nebraska, as liquidated damages should this bid be accepted and a contract be awarded and the bidder fail to enter into a contract in the form prescribed and to furnish the required bond within twenty (20) days, but otherwise the aforesaid bid guarantee will be returned upon the bidder signing the contract and delivering the approved bond.

In submitting this bid it is understood that the right is reserved by the City to reject any and all bids; to waive irregularities therein and to accept whichever bid that may be in the best interest of the City. It is understood that this bid may not be withdrawn until after sixty (60) days from bid opening.

In submitting this bid, the bidder states that bidder fully complies with, and will continue to comply with, applicable State fair labor standards as required by Section 73-102 RRS, 1943 and also complies with, and will continue to comply with, Section 48-657 RRS, 1943 pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska.

The undersigned bidder hereby certifies (a) that this bid is genuine and is not made in the interest of or in the behalf of any undisclosed person, firm or corporation, and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; (b) that bidder has not directly or indirectly induced or solicited any person, firm or corporation to refrain from bidding; (c) that bidder has not sought, by collusion or otherwise, to obtain for themselves an advantage over any other bidder or over the City of Grand Island; and (d) that bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid.

DATED _____

SIGNATURE OF BIDDER:

If an Individual: _____ doing business

as _____

If a Partnership _____

by _____, member of firm.

If a Corporation: _____

by _____ (Seal)

Title _____

Business Address of Bidder _____

Telephone Number _____ Fax Number _____

**CITY OF GRAND ISLAND, NEBRASKA
FORM OF CONTRACT AGREEMENT
FOR
CONTRACT 2013-OPGW-V
INSTALLATION OF 60/48-FIBER OPGW SHIELD WIRE**

THIS AGREEMENT made and entered into, by and between

_____ hereinafter called the Contractor, and the City of Grand Island, Nebraska, hereinafter called the City.

WITNESSETH:

THAT, WHEREAS, in accordance with law, the City has caused contract documents to be prepared and an advertisement calling for bids to be published, for construction of Contract 2013-OPGW-V, Installation of 60/48-Fiber OPGW Shield Wire; and 24-Fiber ADSS.

WHEREAS, the City, in the manner prescribed by law, has publicly opened, examined, and canvassed the bids submitted, and has determined the aforesaid Contractor to be the lowest responsive bidder, and has duly awarded to the said Contractor a contract therefore, for the sum or sums named in the Contractor's bid, a copy thereof being attached to and made a part of this contract;

NOW, THEREFORE, in consideration of the compensation to be paid to the Contractor and of the mutual agreements herein contained, the parties have agreed and hereby agree, the City for itself and its successors, and the Contractor for itself, himself/herself, or themselves, and its, his/hers, or their successors, as follows:

ARTICLE I. That the Contractor shall (a) furnish all tools, equipment, superintendence, transportation, and other construction materials, services and facilities; (b) furnish, as agent for the City, all materials, supplies and equipment specified and required to be incorporated in and form a permanent part of the completed work; (c) provide and perform all necessary labor; and (d) in a good substantial and workmanlike manner and in accordance with the requirements, stipulations, provisions, and conditions of the contract documents as listed in the attached General Specifications, said documents forming the contract and being as fully a part thereof as if repeated verbatim herein, perform, execute, construct and complete all work included in and covered by the City's official award of this contract to the said Contractor, such award being based on the acceptance by the City of the Contractor's bid;

ARTICLE II. That the City shall pay to the Contractor for the performance of the work embraced in this Contract and the Contractor will accept as full compensation therefore the sum (subject to adjustment as provided by the Contract) of

_____ Dollars (\$ _____),
for all materials, services and work covered by and included in the Contract award and designated in the foregoing Article I; payments thereof to be made in cash or its equivalent in the manner provided in the General Specifications.

ARTICLE III. The City of Grand Island, Nebraska operates on a fiscal year beginning October 1st and ending on the following September 30th. It is understood and agreed that any portion of this agreement which will be performed in a future fiscal year is contingent upon the City Council adopting budget statements and appropriations sufficient to fund such performance.

ARTICLE IV. It is understood and agreed that time is the essence of the Contract. No work shall commence until the Certificate of Insurance and bonds (when required) are approved by the City and the Contract is executed. **The proposed work shall be completed in all respects by November 29, 2013.** The Contractor shall coordinate with the City of Grand Island Utilities Department relative to scheduling work.

ARTICLE V. The Contractor agrees to comply with all applicable State fair labor standards in the execution of this contract as required by Section 73-102, R.R.S. 1943. The Contractor further agrees to comply with the provisions of Section 48-657, R.R.S. 1943, pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. During the performance of this contract, the Contractor and all subcontractors agree not to discriminate in hiring or any other employment practice on the basis of race, color, religion, sex, national origin, age or disability. The Contractor agrees to comply with all applicable local, State and Federal rules and regulations. The Contractor agrees to maintain a drug free workplace and to provide a copy of its policy to the City upon request.

IN WITNESS WHEREOF, the parties hereto have executed this Contract Agreement.

Contractor _____

By _____

Date _____

Title _____

CITY OF GRAND ISLAND, NEBRASKA,

By _____
Mayor

Date _____

Attest: _____
City Clerk

Date _____

The contract and bond are in due form according to law and are hereby approved.

Attorney for the City

Date _____

MINIMUM INSURANCE REQUIREMENTS
CITY OF GRAND ISLAND, NEBRASKA

The successful bidder shall obtain insurance from companies authorized to do business in Nebraska of such types and in such amounts as may be necessary to protect the bidder and the interests of the City against hazards or risks of loss as hereinafter specified. This insurance shall cover all aspects of the Bidder's operations and completed operations. Failure to maintain adequate coverage shall not relieve bidder of any contractual responsibility or obligation. Minimum insurance coverage shall be the amounts stated herein or the amounts required by applicable law, whichever are greater.

1. WORKERS COMPENSATION AND EMPLOYER'S LIABILITY

This insurance shall protect the Bidder against all claims under applicable State workers compensation laws. This insurance shall provide coverage in every state in which work for this project might be conducted. The liability limits shall not be less than the following:

Workers Compensation	Statutory Limits
Employers Liability	\$100,000 each accident
	\$100,000 each employee
	\$500,000 policy limit

2. BUSINESS AUTOMOBILE LIABILITY

This insurance shall be written in comprehensive form and shall protect the Bidder, Bidder's employees, or subcontractors from claims due to the ownership, maintenance, or use of a motor vehicle. The liability limits shall be not less than the following:

Bodily Injury & Property Damage	\$ 500,000 Combined Single Limit
---------------------------------	----------------------------------

3. COMPREHENSIVE GENERAL LIABILITY

The comprehensive general liability coverage shall contain no exclusion relative to explosion, collapse, or underground property. The liability limits shall be not less than the following:

Bodily Injury & Property Damage	\$ 500,000 each occurrence
	\$1,000,000 aggregate

4. UMBRELLA LIABILITY INSURANCE

This insurance shall protect the Bidder against claims in excess of the limits provided under employer's liability, comprehensive automobile liability, and commercial general liability policies. The umbrella policy shall follow the form of the primary insurance, including the application of the primary limits. The liability limits shall not be less than the following:

Bodily Injury & Property Damage

\$1,000,000 each occurrence

\$1,000,000 general aggregate

5. ADDITIONAL REQUIREMENTS

The City may require insurance covering a Bidder or subcontractor more or less than the standard requirements set forth herein depending upon the character and extent of the work to be performed by such Bidder or subcontractor.

Insurance as herein required shall be maintained in force until the City releases the Bidder of all obligations under the Contract.

The Bidder shall provide and carry any additional insurance as may be required by special provisions of these specifications.

6. CERTIFICATE OF INSURANCE

Satisfactory certificates of insurance shall be filed with the City prior to starting any work on this Contract. **The certificates shall show the City as an additional insured on all coverage except Workers Compensation. The certificate shall state that thirty (30) days written notice shall be given to the City before any policy is cancelled (strike the "endeavor to" wording often shown on certificate forms). If the bidder cannot have the "endeavor to" language stricken, the bidder may elect to provide a new certificate of insurance every 30 days during the contract. Bidder shall immediately notify the City if there is any reduction of coverage because of revised limits or claims paid which affect the aggregate of any policy.**

CITY OF GRAND ISLAND, NEBRASKA
DIVISION G-1 - SPECIAL PROVISIONS
FOR
CONTRACT 2013-OPGW-V

SECTION 100 -- GENERAL

100.1 Description of Work. The provisions of the contract consists of furnishing all equipment, labor, and appurtenances thereto for all work involved with the installation of 60 fiber OPGW to the Library and 48 fiber OPGW shield wire and 24 fiber ADSS optic cable complete as specified and as shown on the plans. All work shall be done without loss of continuity to the City system. This may involve phasing construction or varying work shifts under this contract.

100.2 Location of Work. The project will extend from the Grand Island City Hall along existing overhead power lines located within Public right-of-way, both streets and alleyways, from the Electrical Yard to the Library and on to Sub Station "B". Refer to the plans for exact location, route, and alignment.

100.3 Specifications. The specifications which govern the materials and equipment to be furnished and the work to be performed under this Contract are listed in General Specifications, Special Provisions, and Plan Drawings. No attempt has been made in these specifications to segregate work to be performed by any trade or subcontractor. Any segregation between the trades or crafts will be solely a matter for agreement between the Contractor and the Contractor's employees or subcontractors. The specifications as a whole will govern the construction of the entire work. The applicable provisions whereof will govern work to be performed under each section.

100.4 Sufficient People and Equipment. It is the intent of these specifications that the Contractor has sufficient people and equipment on the jobs site capable of completing the job as specified. The Contractor must demonstrate this capability to the satisfaction of the Utilities Department. If at any time during the performance of the work, the Contractor's progress on any phase of the work shall fall behind that necessary to enable the Contractor to complete it in accordance with the date or calendar days set out in the bid, the Contractor, at no extra expense to the City, shall take such action as necessary to meet those completion dates including, but not limited to, working additional or longer shifts and employing more labor and equipment and/or to increase the efficiency of, improve the character of, augment the number of, or to substitute new tools, plant or equipment of the Contractor as the case might be so as to secure the quality of work required.

100.5 Protection of Property and Surface Structures. The Contractor shall preserve, protect, and prevent damage to all public and private property. This includes any underground or overhead utilities, structures, and facilities, whether shown in the plans or not. Trees, shrubbery, fences, poles, and all other property and surface structures shall be protected, unless their removal is shown on the Contract drawings or authorized by the City. The Contractor shall not cut, injure, remove, or destroy any trees or shrubs unless directed by the City.

100.6 Power Lines. There are existing energized electric power lines in the work area for this Contract. The Contractor shall use extreme caution such that personal safety is not jeopardized and electric continuity is maintained. Due to soil conditions and proximity, all poles and underground cables shall be supported during excavation, properly backfilled and compacted to protect from damage.

Any time the Contractor, sub-contractors, or their employees, are working near overhead or underground power lines, they will be required to comply with the Grand Island Electric Utility Department's **Recloser Disabling and Transmission Line Outage Policy**. The policy statement and inspection form is attached in Appendix "A".

100.7 Underground Installations. Existing underground installations (such as water mains, gas mains, sewers, telephone lines, power lines, and buried structures) in the vicinity of the work are to be checked by the Contractor. The Contractor shall be solely responsible for locating all existing underground installations. The Contractor shall use his own information and shall not rely upon any information indicated on the drawings concerning existing underground installations.

The Contractor shall proceed with caution in the excavation and preparation of the trench so that the exact location of all such utilities, both known and unknown may be determined, and the Contractor shall be held responsible for the repair of such utilities when broken or otherwise damaged. All such utilities shall be accurately located, including hand excavating by the Contractor as required, as incidental to the Contract and performed prior to machine excavation in the vicinity.

Any delay, additional work, or extra cost to the Contractor caused by existing installations shall not constitute a claim for extra work, additional payment or damages.

100.8 Relations with Other Contractors. The Contractor shall cooperate with all other contractors and City crews who may be performing work in the vicinity of the work under this Contract; and shall conduct their operations to minimize interference with the work of such contractors or employees. The Contractor shall promptly make good, at Contractor's own expense, any injury or damage that may be sustained to other contractors or employees of the City, caused by Contractor's actions or inactions.

Any difference or conflict, which may arise between the Contractor and other contractors, or between the Contractor and employees of the City, in regard to their work, shall be resolved as determined by the City. If the work of the Contractor is delayed because of any acts or omissions of any other contractor, the Contractor shall have no claim against the City.

100.9 Specifications and Standard Plan Drawings. All Divisions of the City of Grand Island Specifications and Standard Plan Drawings shall be considered a part of this Contract, whether or not attached into these specifications, and it shall be the Contractors responsibility to comply with all requirements thereof.

100.10 Limits of Construction. The Contractor and contractor's employees shall confine their activities to the defined limits of construction. The limits of construction shall be defined as public street and alley right-of-way, and such City owned properties at the Electrical Yard, the Library and Sub Station "B". The Contractor shall use due care in placing and using construction tools, equipment, excavated materials, and construction materials and supplies, so as to cause the least possible damage to the project area. The Contractor shall be held accountable for any and all damage done beyond the construction limit boundary and shall be responsible for any required restoration, fines, penalties, and/or legal actions assessed to correct such damage and violations.

100.11 Work Site. Good housekeeping is essential, and shall be practiced throughout the construction period. The Contractor and contractor's employees shall maintain a clean and safe work site free from trash and debris. The Contractor shall furnish and maintain all necessary safety equipment (such as barriers, signs, warning lights, and guards) to provide adequate protection of persons and property.

100.12 Storage Area. The Contractor shall only be permitted to store materials and equipment in areas designated and coordinated for such use by the City.

DIVISION G-2

GENERAL SPECIFICATIONS

**APPLICABLE TO ALL
CONSTRUCTION CONTRACT**

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Revised 1/18/2010

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G-2 – GENERAL SPECIFICATIONS

Section 1 – DEFINITIONS OF WORKS AND TERMS

Wherever in these specifications or in other contract documents the following terms or pronouns in place of them are used, the intent and meaning shall be interpreted as follows:

1.1 Abbreviations

AASHTO	American Association of State Highway and Transportation Officials
ASTM	American Society for Testing and Materials
ANSI	American National Standards Institute
AWWA	American Water Works Association
AREA	American Railway Engineering Association
AWS	American Welding Society
AAN	American Association of Nurserymen

1.2 Advertisement

The advertisement for work or materials on which bids are to be received.

1.3 Award

The decision of the City to accept the bid of the lowest responsible bidder for the work, subject to the execution and approval of a satisfactory contract therefore and bond to secure the performance thereof and to such other conditions as may be specified or otherwise required by law.

1.4 Backslope

The sloping surface of a cut, the downward inclination of which is toward the roadbed.

1.5 Bidder

Any individual, firm, or corporation formally submitting a bid for the work contemplated, acting directly or through a duly authorized representative.

1.6 Calendar Day

Every day shown on the calendar, Sundays and holidays included.

1.7 Change Order

A written order to the Contractor, signed by the Engineer, ordering a change in the work from that originally shown in the plans and specifications.

1.8 City

The work "City" as used in these specifications refers to the City of Grand Island, Nebraska, acting through its City Council.

1.9 Contract

The written agreement executed between the City and the Contractor, covering the performance of the work and the furnishing of labor and materials, by which the Contractor is bound to perform the work and furnish the labor and materials, and by which the City is obligated to compensate the Contractor therefore at the mutually established and price.

The contract shall include the "Notice to Bidders", these specifications, the Contractor's bond, the general and detailed plans, the bid, special provisions, and supplemental agreements.

1.10 Contract or Performance Bond

The approved form of security, executed by the Contractor and their surety or sureties, guaranteeing complete execution of the contract and all supplemental agreements pertaining thereto and the payment of all legal debts pertaining to the construction of the project.

1.11 Contract Item

An item of work specifically described and for which a price, either unit or lump sum, is provided. It includes the performance of all work and the furnishing of all labor, equipment, and materials described in the test of a specification item included in the contract or described in any subdivision of the test of the supplemental specification or special provision of the contract.

1.12 Contract Period

The period from the date specified in the contract for the commencement of the work to the date specified for its completion, both dates inclusive.

1.13 Contractor

The party of the second part to the contract; the individual, firm, or corporation undertaking the execution of the work under the terms of the contract and acting directly or through Contractor's agents or authorized employees.

1.14 Col-de-sac Street

A local street open at one end only and with special provision for turning around.

1.15 Culvert

Any structure not classified as a bridge which provides an opening under any street.

1.16 Easement (Right-of-way)

A right acquired by public authority to use or control property for a designated purpose.

- 1.17 Employee
Any person working on the project mentioned in the contract of which these specifications are a part, and who is under the direction or control or receives compensation from the Contractor or Contractor's subcontractor.
- 1.18 Engineer
The City Engineer, acting either directly or through an assistant or other representative duly authorized by the City Engineer, such assistant or representative acting within the scope of the particular duties assigned or with the authority given.
- 1.19 Extra Work
Work performed by the Contractor in order to complete the contract in an acceptable manner but for which there is no basis of payment provided in the contract.
- 1.20 Holidays
In the State of Nebraska, holidays occur on: January 1, Martin Luther King, Jr. Day in January, Presidents Day in February, Arbor Day in April, Memorial Day in May, July 4, Labor Day in September, Columbus Day in October, Veterans Day and Thanksgiving Day in November, and December 25. If any of said dates fall on Sunday, the following Monday shall be a holiday. If any of said dates fall on Saturday, the previous Friday shall be a holiday.
- 1.21 Inspector
An authorized representative of the Engineer assigned to make detailed inspection of any or all portions of the work performed and materials furnished by the Contractor.
- 1.22 Laboratory
The testing laboratory of the City or any other testing laboratory which may be designated by the Engineer.
- 1.23 Notice to Bidders
The provisions, requirements, and instructions pertaining to the work to be awarded, manner and time of submitting bids, quantities of the major items or work required, as prepared for the information of bidders.
- 1.24 Plans
The official plans, profiles, typical cross sections, general cross sections, working drawings, and supplemental drawings, or exact reproductions thereof, approved by the Engineer, which show the location, character, dimensions, and details of the work to be done, and which are to be considered as a part of the contract supplementary to these specifications.

- 1.25 Project
All work necessary to be performed under the contract.
- 1.26 Bid
The offer of the bidder, submitted on the prescribed bid form, to perform the work and to furnish the labor and materials at the prices quoted by the bidder.
- 1.27 Bid Form
The approved form on which the City requires formal bids be prepared and submitted.
- 1.28 Bid Guarantee
The security furnished by the Bidder with Bidder's bid for a project as a guarantee that Bidder will enter into a contract for the work if said bid is accepted.
- 1.29 Right-of-way
The land area which is reserved or secured by the City for constructing the work or for obtaining material therefore.
- 1.30 Special Provisions
Special directions, provisions, or requirements peculiar to the project under consideration and not otherwise thoroughly or satisfactorily detailed or set forth in the specifications.
- 1.31 Specifications
The general term comprising all the directions, provisions, and requirements contained herein, together with such as may be added or adopted as supplemental specifications or special provisions, all of which are necessary for the proper performance of the contract.
- 1.32 Subcontractor
Any individual, firm, or corporation to whom the Contractor, with the written consent of the City, sublets any part of the contract.
- 1.33 Superintendent
The representative of the Contractor, present on the work at all times during progress, authorized to receive and fulfill instructions from the Engineer and capable of superintending the work efficiently.
- 1.34 Supplemental Agreements
Written agreements executed by the Contractor and the City subsequent to having entered into the contract, covering alterations in the plans or unforeseen items of construction.

1.35 Supplemental Specifications

Specifications adopted subsequent to the publication of these specifications. They generally involve new construction items or substantial changes in the approved specifications. Supplemental specifications shall prevail over those published in these specifications whenever in conflict therewith.

1.36 Surety

The corporate body bound with and for the Contractor for the acceptable performance of the contract, the completion of the work, and for payment of all just claims arising therefrom.

1.37 Work

Work shall be understood to mean the furnishing of all labor, materials, equipment, and other incidentals necessary or convenient to the successful completion of the project by the Contractor and the carrying out of all the duties and obligations imposed by the contract.

1.38 Working Day

Any day, except Saturdays, Sundays, and Nebraska holidays, on which the Contractor is not prevented by weather, soil conditions, or other conditions beyond the Contractor's control, adverse to the current controlling operation of operations, as determined by the Engineer, from proceeding with at least 80 percent of the labor and equipment force normally engaged in such operation or operations for at least 50 percent of the full number of hours in Contractor's normal daily schedule. Also, a Saturday, Sunday, or Nebraska holiday on which any work is performed on the current controlling operation or operations unless the Contractor is prevented by weather, soil conditions, or other conditions beyond the Contractor's control as determined by the Engineer, from proceeding for at least 50 percent of the full number of hours in their normal schedule with 80 percent of the normal working force.

1.39 Working Drawings

Stress sheets, shop drawings, erection plans, false work plans, framework plans, cofferdam plans, bending diagrams for reinforcing steel, or any other supplementary plans for similar data which the Contractor is required to submit to the Engineer for approval.

1.40 Work Order

A written order signed by the Engineer, of a contractual status requiring performance by the contractor without negotiation of any sort and may involve starting, resuming, or the suspension of work (not to be confused with extra work order).

- 1.41 Completion of the Work and Formal Acceptance by the City
Whenever the term “completion of the work and formal acceptance by the City” is used, it refers to and means the formal acceptance of the work by the Engineer and the City at the time the Contractor has all work under the contract completed and in place.
- 1.42 Final Acceptance of the Work
Whenever the term “final acceptance of the work” is used, it refers to and means the time when the Engineer and the City finally accept the work after the expiration of the time for which the Contractor guarantees to keep the work in repair.

SECTION 2 – BID REQUIREMENTS AND CONDITIONS

- 2.1 Contents of Bid Forms
Bidders will be furnished with bid forms which will state the location and description of the contemplated work and will show the estimate of the various quantities and kinds of work to be performed or materials to be furnished, with a schedule of items for which unit bid prices are asked, the time in which the work must be completed and the date, time, and place of opening bids. All special provisions and required provisions will be grouped together and bound with or included through reference in the bid form.
- 2.2 Interpretation of Quantities in Bid Forms
The quantities listed in the bid forms are to be considered as approximate, unless otherwise provided by special provision. It is understood that the quantities of work to be done and materials to be furnished by each be increased, diminished, or omitted as hereinafter provided without in any way invalidating the unit bid prices, except as provided in the section in these specifications entitled “Increased or Decreased Quantities of Work.”
- 2.3 Examination of Plans, Specifications, Special Provisions, and Site of Work
The bidder is required to examine carefully the site, the bid, plans, specifications, special provisions, and contract form for the work contemplated, and it will be assumed that the bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and quantities of work to be performed and materials to be furnished and as to the requirements of these specifications, the special provisions, and contract. It is mutually agreed that the submission of a bid shall be considered prima facie evidence that the bidder has made such examination.

2.4 Preparation of Bid

Bidders shall submit their bids on blank forms furnished by the Engineer with the full name and address and the place of business or residence of the bidder. If the bidder is co-partnership, the signature shall be by a member of the firm with the names and addresses of each member. If the bidder is a corporation, the signature shall be by an officer of the corporation in the corporate name and with the corporate name and the corporate seal attached thereto.

All blank spaces in the form shall be fully filled; numbers shall be stated in legible figures and writing when required; the signature shall be longhand; and the complete form shall be without interlineation, alteration, or erasure.

No oral, telegraphic, or telephonic bids or modifications will be considered.

When certain alternative prices, for both increasing and decreasing the cost, are required as called for in the bid sheet, it must be understood that all materials and workmanship required shall be the best of their respective kinds and in all cases shall correspond with similar work herein specified and, if accepted, the work shall be done under the general terms of the specifications.

2.5 Statement of Bidder's Plant and Financial Conditions

Each bidder may submit with the bid and, in any event, the City may, after the bids are opened and prior to award of contract, require any bidder to submit the following data:

1. A statement that the bidder maintains a permanent place of business and address thereof.
2. A statement of equipment which the bidder proposes to use on the project, together with a statement noting that equipment previously mentioned which the bidder owns and that which the bidder does not own, but is certain the bidder will be able to rent or otherwise procure for the use on the project.
3. A financial statement, duly sworn to in a form approved by the City, listing assets and liabilities.
4. Statement listing projects of similar nature which the bidder has constructed or in the construction of which the bidder was actively engaged in a responsible capacity. Any bidder may be required by the City to submit additional data to satisfy the City that such bidder is prepared to fulfill the contract if it is awarded to them.

2.6 Certified Check, Cashier's Check, or Bid Bond

Each bidder must submit with the bid a certified check, cashier's check, or bid bond in the amount of not less than five percent (5%) of the amount bid, drawn to the order of the City Treasurer, Grand Island, Nebraska, guaranteeing the execution of the contract and bond required within ten (10) days of the notification of award. Any certified check must be issued by a bank in the State of Nebraska.

2.7 Filing of Bid

Bidders shall submit bid data on items offered in the Bid by filling in one set of data sheets supplied by the Engineering Department. The bid sheets shall be filled out legibly in black ink to permit reproduction.

Bidder security, when required, shall be enclosed in a special envelope marked, "BIDDER SECURITY.BID FOR CONTRACT 2013-OPGW-V – INSTALLATION OF 60/48 FIBER OPGW SHIELD WIRE AND ADSS". The envelope shall contain only a cashier's check or bidder's bond. This special envelope shall be attached to a sealed envelope containing the bid, filled out specifications, descriptive information drawings, qualification list and any other bid materials. This second envelope shall be marked "BID FOR CONTRACT 2013-OPGW-V – INSTALLATION OF 60/48 FIBER OPGW SHIELD WIRE AND ADSS". Bids of an incomplete nature or subject to multiple interpretations may, at the option of the Purchaser, be rejected as being irregular.

All bids shall be filed with the City at the place designated in the Notice to Bidders, prior to the time advertised for the opening of bids.

2.8 Withdrawal of Bid

A bidder will be permitted to withdraw said bid unopened after it has been submitted, if the bidder's request for withdrawal is made in writing and delivered personally by the bidder or the bidder's authorized prior to the time specified for opening of bids.

2.9 Public Opening of Bids

Bids will be publicly opened and read at the time and place stipulated in the Notice to Bidders.

2.10 Material Guarantee

Before any contract is awarded, the bidder may be required to furnish a complete statement of the origin, composition, and manufacture of any or all materials to be used in the construction of the work together with samples, which samples may be subjected to the test provided for in these specifications to determine their quality and fitness for the work.

SECTION 3 – AWARD AND EXECUTION OF THE CONTRACT

3.1 Consideration of Bids

After the bids are opened and read, they will be compared on the basis of the summation of the products and the quantities shown in the bid schedule by the unit bid prices. The results of such comparisons will be immediately available to the public.

The right is reserved to reject any and all bids and to waive technical errors as may be deemed best for the interest of the City.

3.2 Award of the Contract

In the award of the contract, consideration will be given not only to the prices bid, but also the mechanical and other equipment available to the bidder, the financial responsibility of the bidder, and the bidder's ability and experience in the performance of like or similar contracts.

Award of contracts will be made as promptly as practical after bids have been opened and read. The City reserves the right to delay the award for such time as is needed for the consideration of the bids and for the receipt of concurrence in recommended contract awards from other governmental agencies whose concurrence may be required.

3.3 Cancellation of Award

The City reserves the right to cancel the award of any contract at any time before execution of the said contract by all parties without any liability against the City.

3.4 Return of Bid Guarantee

Bid guaranties will be returned to the unsuccessful bidders by mail promptly after the signing of the contract has been made. Return to the successful bidder will be made after the signing of the contract and filing of the contract bond.

3.5 Performance Bond

The Contractor shall furnish a performance bond with a company having the approval of the City in an amount of 100 percent of the contract price guaranteeing complete and faithful performance of the contract, payment of all bills of whatever nature which could become a lien against the property, and guaranteeing replacement of defective materials and workmanship for a period of one year after completion of the contract.

3.6 Contract Documents

One Original and Four (4) copies of Contract Documents shall be made, executed, and presented to the City Clerk (**FIVE TOTAL**) by the deadline date and time as stated in the Advertisement to Bidders.

The following documents are a part of the contract:

Notice to Bidders	General Specifications
Instructions to Bidders	Special Provisions
Bid	Supplemental Specifications
Detailed Specifications	Performance Bond
Contract	
Additional drawings as required to make clear the intent of the contract	

3.7 Failure to Execute Contract

Failure to execute a contract and file an acceptable performance bond as provided herein within twenty (20) days from date of award shall be just cause for the annulment of the award and the forfeiture of the certified check or cashier's check to the City, not as a penalty but in liquidation of damages sustained.

SECTION 4 – SCOPE OF WORK

4.1 Intent of Plans and Specifications

The intent of the plans and specifications is to provide for the construction and completion of every detail of the work described therein. It shall be understood by the Contractor that the Contractor will furnish all labor, materials, tools, transportation, and supplies required for all or any part of the work to make each item complete in accordance with the spirit of the contract. It is understood that the apparent silence of the specifications as to any detail or the apparent omission of a detailed description concerning any point shall be regarded as meaning that only the best general practice is to prevail and that only materials and workmanship of the first quality are to be used.

For the purpose of design and the preparation of the Engineer's Estimate, the City may perform a reasonable amount of exploratory work to gain information relative to surface and subsurface conditions relating to type of soil, moisture content, and types and extent of rock strata. This information when shown on the plan, represents to the best of the City's knowledge conditions as of the date the survey was made. The appearance of this information on the plan will not constitute a guarantee that conditions other than those indicated will not be encountered at the time of construction.

The bidder may utilize this information as they see fit. Any bidder interested in the work is authorized to make whatever investigation they consider advisable.

In making such additional investigation, the bidder is directed to the Engineer for information relating to available right-of-way. If there are, at that time, any parcels of land over which the City does not have jurisdiction, right of entry must be secured by the prospective bidder from those authorized to grant such permission. Investigational work, performed by a prospective bidder on existing streets open to traffic, shall be performed in compliance with the requirements of

the current Manual on Uniform Control Devices for Street and Highways. All such additional investigational work shall be performed without costing or obligating the City in any way.

4.2 Special Work

Any conditions not covered by these standard specifications are stated in the special provisions.

4.3 Increased or Decreased Quantities of Work

The Engineer reserves the right to alter the quantities of contract items for which there are bid prices. Such increases or decreases in quantities shall be made as the Contractor considers necessary or desirable without waiving or invalidating any of the provisions of the contract. All such alterations must be ordered in writing and a supplemental agreement must be executed with the Contractor for the item or items involved when such alterations involve an increase or decrease of more than 20 percent of the total cost of the work of any group of the contract calculated from the original bid quantities and the contract unit prices. The Contractor shall not start work on any alteration requiring a supplemental agreement until the agreement setting forth an equitable adjustment of compensation, satisfactory to both parties, shall have been executed by the Engineer and the Contractor.

4.4 Extra Work

The City reserves the right to order the performance of work of a class not contemplated in the bid but which may be considered necessary to complete satisfactorily the work included in the contract. Such extra work will be paid for as provided in these specifications under section entitled "Payment for Extra Work."

4.5 Maintenance of Detours

Unless so required by the plans or the special provisions, the Contractor will not be required to assume any responsibility in connection with the maintenance or marking of suitable detours.

4.6 Maintenance of Traffic

The Contractor shall conduct the work so as to interfere as little as possible with public travel, whether vehicular or pedestrian. Whenever it is necessary to cross, obstruct, or close roads, driveways, and walks, whether public or private, the Contractor shall, at Contractor's expense, provide and maintain suitable and safe bridges, detours, or other temporary expedients for the accommodation of public and private travel, and shall give reasonable notice to owners of private drives before interfering with them. Such maintenance of travel will not be required when the Contractor has obtained permission from the owner or tenant of private property or from the authority having jurisdiction over public property involved to obstruct traffic at the designated area.

4.7 Street Closing

In the event it is deemed necessary for the Contractor to close any streets during the execution of said work, the Contractor shall notify the owner of such street closing 72 hours in advance, prior to any street closing due to open cut street crossing.

4.8 Miscellaneous Removal Items

The Contractor shall inform the Engineer sufficiently ahead of construction so landowners can be notified to remove small trees, shrubs, and fences from the construction limits if the landowners desire to save them.

4.9 Removal and Replacement of Property Stakes

If it is necessary to remove any property corners or markers during construction operations, the Contractor shall notify the Engineer so the Engineer can establish reference ties. Any markers removed without notice to the Engineer shall be replaced at the Contractor's expense in accordance with the proper land surveying techniques.

4.10 Removal and Disposal of Structures and Obstructions

The Contractor for bridge and culvert work shall remove any existing structure or part of structure that in any way interferes with the new construction. If specific payment for such work has not been provided in the contract, it will be paid for as extra work.

The Contractor shall remove any materials or structures found on the right-of-way which are not to remain in place or which have not been designated for use in the new construction. The removal and disposal of pipe culverts will not be paid for directly but shall be considered as incidental work, and the cost of such removal and disposal shall be considered to be included in the contract price for other items. Pipe culverts shall be removed by methods that will cause a minimum of damage to the pipe culverts. The removal and disposal of bridges or other masonry or monolithic concrete construction will be paid for. If the contract does not contain an item for such work, it will be paid for as extra work.

4.11 Rights In and Use of Materials Found on the Right-of-Way

Unless stated to the contrary in the contract documents, all materials, such as stone, gravel, sand, timber and structures or parts of structures, found on the right-of-way of the street or on land acquired for the work, are the property of the City or the owner of the fee title to the land, and shall not be used or destroyed by the Contractor without special permission from the Engineer. When the Contractor is permitted to use materials found on the right-of-way, any excavations that they make below the grade elevation shall be backfilled with other suitable materials so the finished street will conform to the grade shown on the plans. No extra compensation will be allowed for such backfilling.

When rock excavation is encountered, any portion of rock excavation which would otherwise be deposited in waste areas and not be incorporated in the embankments may be processed and used, royalty free, by the Contractor in any other portion of the construction in which material of that quality would be acceptable. No deduction will be made from excavation quantities for rock so used.

4.12 Construction and Demolition Debris

Debris from any City awarded project, as well as Municipal Solid Waste (that is not recycled), shall be disposed of at the City's Solid Waste facilities.

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4.13 Final Cleaning Up

Upon completion of the work and before acceptance and final payment, the Contractor shall clean the street, borrow pits, and all ground occupied by the Contractor in connection with the work of all rubbish, excess materials, false work, temporary structures, and equipment, and all parts of the work, shall be left in a neat and presentable condition.

When required in the plans, the Contractor shall, at Contractor's expense, replace waste material or stripping back into borrow and material pits as directed by the Engineer. Trees, tree stumps, and material placed on property adjacent to the street during the execution of the work shall be disposed of by the Contractor.

4.14 Right-of-way

Right-of-way for the work will be provided without cost to the Contractor. Right-of-way will be made available to the Contractor on or before the date specified for the commencement of the work unless a later date for the right-of-way to be made available to the Contractor is designated in the contract documents.

4.15 Railroad Crossings

Whenever the work involves construction with which railroad companies are concerned, the performance of the work is contingent upon arrangements with the railroad companies for the proposed construction. No claims will be allowed for loss or damage caused by failure to complete such arrangements.

4.16 Safety and Health Regulations for Construction

Occupational Safety and Health Standards for the Construction Industry (29 CFR Part 1926) with amendments as of February 1, 1999, promulgated by the Occupational Safety and Health Administration, United States Department of Labor, Washington, D.C., are incorporated herein as a part of the contract documents.

SECTION 5 – CONTROL OF WORK

5.1 Authority of Engineer

The Engineer will have general supervision of the work and will decide any questions that arise with reference to the intent of the contract documents and compliance therewith. Said Engineer will relay all questions relating to materials, work, progress, disputes and mutual rights between contractors, fulfillment of contract, and compensation, in accordance with the provisions of these specifications.

5.2 Plans and Working Drawings

The approved plans will be supplemented by such working drawings as are necessary to adequately control the work. It is mutually agreed that all authorized alterations affecting the requirements and information given in the approved plans shall be in writing.

Working drawings for any structure shall consist of such detailed plans as may be required of the Contractor for the prosecution of the work. These are not included in the plans furnished by the Engineer. They shall include shop details, erection plans, masonry, and form work. The Engineer's prior approval of the shop details must be obtained before any fabrication work involving these plans is performed. Erection plans, masonry layout diagrams, and plans for cribs, cofferdams, falsework, centering, and form work, as well as any other working drawings not previously mentioned, may be required of the contractor and shall be subject to the Engineer's approval.

No changes shall be made in any plan or drawing after it has been approved except by consent or direction of the Engineer in writing. It is expressly understood that the approval by the Engineer of the Contractor's working drawings will not relieve the Contractor from any responsibility.

The contract price shall include the cost of furnishing all working drawings, and the Contractor will be allowed no extra compensation for such drawings.

Shop plans shall be made on a 22" x 36" sheet with ½" margin on all sides except the left which shall be 2". The margin lines shall measure 21" x 33 ½". The marking shall be in accordance with the special plans or as may be required by the Engineer. All blueprint plans which are furnished to the Engineer shall be clear and distinct and acceptable to the Engineer and shall be neatly trimmed. The Contractor shall furnish the Engineer as many extra copies of working drawings as the Engineer may direct.

The Engineer may require reproducible prints of all approved shop plans, which shall be furnished by the Contractor without cost to the Engineer. Such reproducible prints shall not be folded but shall be mailed in tubes sized to accommodate these plans without injuring them. No preliminary

working drawings will be accepted by the Engineer unless they have been carefully checked by the Contractor. Drawings showing gross errors will be returned for recheck before examination by the Engineer. The name of the shop or company furnishing the drawings shall be on the tracing.

5.3 Alteration of Plans or of Character of Work

The Engineer shall have the right to make alterations in plans or character of work as may be considered necessary or desirable during the progress of the work to satisfactorily complete the proposed construction. Such alterations shall be considered as a waiver of any conditions of the contract or invalidate any of the provisions thereof.

5.4 Coordination of Plans, Specifications, Special Provisions, and Supplemental Specifications

These specifications, the supplemental specifications, the plans, special provisions, and all supplementary documents are essential parts of the contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complementary and to describe and provide for a complete work. In case of discrepancy, figured dimensions shall govern over scaled dimensions, plans shall govern over specifications, special plans shall govern over standard plans, supplemental specifications shall govern over standard specifications, and special provisions shall govern over specifications, supplemental specifications, and the plans.

5.5 Cooperation of Contractor

The Contractor will be supplied with a minimum of two sets of approved plans and contract assemblies, including special provisions, one set of which the Contractor shall keep available on the work at all times.

The Contractor shall give the work the constant attention necessary to facilitate the progress thereof and shall cooperate with the Engineer and other contractors in every way possible.

The Contractor shall at all times have at the work site, as Contractor's agent, a competent superintendent capable of reading and thoroughly understanding the plans and specifications, thoroughly experienced in the type of work being performed, who shall receive instructions from the Engineer or Engineer's authorized representatives. The superintendent shall have full authority to execute the orders or directions of the Engineer without delay, and to promptly supply materials, equipment, tools, labor, and incidentals as may be required. Such superintendence shall be furnished irrespective of the amount of work sublet.

5.6 Surveys

Lines and elevations shall be established by the Engineer before the work commences and the Contractor shall furnish all stakes necessary for lines and elevations and cooperate with the Engineer in setting same.

5.7 Authority and Duties of Inspector

The City may appoint inspectors to represent the Engineer in the inspection of all materials used in all work done under the contract. Such inspection may extend to any part of the work and to the preparation or manufacture of the materials to be used. The inspector will not be permitted to modify in any way the provisions of the contract documents, or to delay the work by failing to inspect materials and work with reasonable promptness. An inspector is placed at the work site to keep the Engineer informed as to its progress and the manner in which it is being done and to call the Contractor's attention to any infringements of the contract documents. The inspector will not act as foreman or perform other duties for the Contractor not improperly interferes with the management of the work. They will not be authorized to approve or accept any portion of the work. In case of dispute between the Contractor and the inspector as to quality of materials or the manner of performing the work, the inspector shall have the authority to reject materials or suspend the work until the question at issue can be decided by the Engineer. Written notice of the suspension of work will be given to the Engineer and the Contractor.

5.8 Inspection of Work

The Contractor shall furnish the Engineer with every reasonable facility for ascertaining whether the work is being performed in conformance with the contract documents. At any time before acceptance of the work, upon request of the Engineer, the Contractor shall remove or uncover such portions of the finished work as the Engineer may direct. After examination has been made, the Contractor shall restore such portions of the work to the standard required by the contract documents.

5.9 Removal of Defective Work

Any defective work shall be removed and replaced at the Contractor's expense. Should the Contractor fail or refuse to remove defective work when so ordered by the Engineer, the Engineer shall have authority to order the Contractor to suspend further operations and may withhold payment on estimates until such defective work has been removed and replaced in accordance with the plans and specifications. Continued failure or refusal on the part of the Contractor to suspend correct defective work promptly shall be sufficient cause for the City to declare the contract in default and to proceed to have the work completed in accordance with these specifications under section entitled "Abrogation".

5.10 Final Inspection

Upon notification by the Contractor or Contractor's authorized representative that the work is completed, the Engineer shall make prompt final inspection of each item of work included in the contract. If the work is found to not be in accordance with the contract documents, the Contractor will be advised as to the particular defects to be remedied.

SECTION 6 – CONTROL OF MATERIALS

6.1 Source of Supply and Quality Requirements

The materials used on the work shall meet all quality requirements of the contract. In order to expedite the inspection and testing of materials, the Contractor shall notify the Engineer of Contractor's proposed sources of materials prior to delivery. At the option of the Engineer, approval of the source or approval of materials at the source prior to delivery may be required. If it is found after trial that sources of supply for previously approved materials do not produce specified products or when conditions are such that the use of unfit materials cannot be prevented except by extraordinary inspection methods, the Contractor shall furnish materials from other sources. Before delivery is started and at any time during the process or preparation and use, the materials shall be subject to the approval of the Engineer.

6.2 Methods of Sampling and Testing, and Cited Specifications

Sampling and testing of all materials and the laboratory methods and testing equipment required under these specifications shall be in accordance with the latest published standard method of the AASHTO, except as otherwise provided.

The sampling and testing of all materials not covered by the AASHTO, but not otherwise provided for, shall conform to the latest published standard or tentative methods of the ASTM.

6.3 Storage of Materials

The Contractor shall be responsible for the care and storage of materials delivered at the work site or purchased for use thereon. Any material that has been delivered to the work site and has become damaged before actual incorporation in the work may be rejected by the Engineer even though it may previously have been accepted. Stored materials shall be so located as to facilitate thorough inspection.

6.4 Unacceptable Materials

All materials not conforming to the requirements of the specifications at the time they are to be used shall be considered as unacceptable, and all such materials will be rejected and shall be removed immediately from the site of the work unless otherwise instructed by the Engineer. No rejected materials, the defects of which have been corrected, shall be used until approval has been given.

6.5 Guarantee

The Contractor shall be responsible for any and all defects which may develop in any part of the entire installation furnished by said Contractor and, upon receipt of written notice from the Engineer, shall immediately replace and make good without expense to the City any such faulty part or parts and damage done by reason of same during a period of one (1) year from the date of formal acceptance of the installation (except when specific guarantee for another length of time is elsewhere specified).

The acceptance of the installation, or any part of it, shall not act to waive this liability on the part of the Contractor.

Upon completion and formal acceptance of the work, the Contractor may furnish a satisfactory bond in an amount of fifteen percent (15%) of the contract price to insure the provisions of this guarantee. Otherwise, the original bond shall remain in full force and effect until final acceptance of the work, which acceptance shall be made one (1) year after the formal acceptance of the work as provided herein.

6.6 "Or Equal" Clause

Whenever, in any section of the contract documents, plans, or specifications, any article, material, or equipment is defined by describing a proprietary product or by using the name of a manufacturer or vendor, the term "or approved equal", if not inserted, shall be implied. The specific article, material, or equipment mentioned shall be understood as indicating the type, function, minimum standard or design, efficiency, and quality desired and shall not be construed in such a manner as to exclude manufacturer's products of comparable quality, design, and efficiency. The Engineer shall determine the acceptability of articles, materials, or equipment proposed as equals.

SECTION 7 – LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

7.1 Laws to be Observed

The Contractor shall keep fully informed of and, at all times, shall observe and comply with all Federal and State laws, all local bylaws, ordinances, and regulations, and all orders and decrees of bodies or tribunals having any jurisdiction or authority which in any manner affect those engaged or employed on the project, or which in any way affect the project. The Contractor shall protect and indemnify the City and its representatives against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order, or decree, whether by said Contractor, or Contractor's employees. It shall be the responsibility of the Contractor to provide all safeguards, safety devices, and protective equipment and to take any other needed actions as are reasonably necessary to protect the life and health of employees on the project.

7.2 State and City Fair Labor Standards

The Contractor agrees to comply with all applicable State and City fair labor standards in the execution of the contract, including compliance with Section 73-102, R.R.S. 1943. The Contractor further agrees to comply with the provisions of Section 48-657, R.R.S. 1943, pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. In addition, the Contractor agrees to comply with the provisions of Section 52-118, R.R.S. 1948, pertaining to payment of all labor performed and for payment for materials and equipment rental which is actually used in performing this contract.

7.3 Anti-discrimination

During the performance of the work, the Contractor agrees not to discriminate against any employee or application for employment because of race, color, age, religion, sex, or national origin.

7.4 Permits

The Contractor shall procure and pay for all permits, licenses, and bonds necessary for the prosecution of the Contractor's work and/or required for municipal, State, and Federal regulations and laws.

7.5 Patents

The Contractor and the surety in all cases shall indemnify and save harmless the City for any costs, expenses, and damages which it may be obligated to pay by reason of any such infringement at any time during the prosecution of or after the completion of the project.

7.6 Restoration of Surfaces Opened by Permit

Upon the presentation of a duly authorized and satisfactory permit from the City which provides that all necessary repair work will be paid for by the part to whom such permit is issued, the Engineer may authorize the Contractor to allow parties bearing such permits to make openings in the street. The Contractor shall, when ordered by the Engineer in writing, make in an acceptable manner, all necessary repairs due to such openings. Such necessary work ordered by the Engineer shall be paid for on the basis of "Extra Work" as provided for in these specifications and shall be subject to the same conditions as original work performed.

7.7 Safety, Health, and Sanitation

In the performance of the contract, the Contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation. The Contractor shall furnish such additional safeguards, safety devices, and protective equipment and shall take actions as the Engineer may determine as being reasonably necessary to protect the life and health of the Contractor's employees and the public.

7.8 Barricades and Warning Signs

Except as otherwise provided specifically in this section, the Contractor shall provide and maintain barricades, danger and warning signs, and suitable and efficient lights, and shall take every reasonable precaution to prevent accidents. The name of the Contractor shall take every reasonable precaution to prevent accidents. The name of the Contractor shall be clearly visible on the barricades. The Contractor shall provide, at their own expense, such watchmen as are necessary to protect their equipment and to maintain proper lights.

Watchmen who may be necessary to direct traffic or prevent travel on any portion of the street shall be provided by the Contractor on written order from the Engineer. Unless the contract specifically provides that such watchmen are to be furnished by the Contractor, this expense shall be paid for as provided in "Extra Work."

7.9 Use of Explosives

When the use of explosives is necessary for the prosecution of the work, the Contractor shall use the utmost care not to endanger life or property. All explosives shall be stored in a secure manner, and storage places shall be clearly marked "DANGER – EXPLOSIVES."

7.10 Claims for Labor and Materials

The Contractor shall indemnify and save harmless the City from all claims for labor and materials furnished under this contract. When requested by the City, the Contractor shall submit satisfactory evidence that all persons, firms, or corporations who have done work or furnished materials under this contract, for which the City may become liable under the laws of the State, have been fully paid or satisfactorily secured. In case such evidence is not furnished or is not satisfactory, an amount will be retained from money due to Contractor which, in addition to any other sums that may be retained, will be sufficient, in the opinion of the City, to meet all claims of the persons, firms, and corporations as discharged or satisfactorily secured.

7.11 Contractor's Insurance

The Contractor shall secure and maintain throughout the duration of this contract insurance, from companies authorized to do business in Nebraska, of such types and in such amounts as may be necessary to protect themselves and the interests of the City against all hazards or risks of loss as hereinafter specified. This insurance shall cover all aspects of the Contractor's operations and underwriter thereof is each case, shall be approved by the City, but regardless of such coverage at all times. Failure of the Contractor to maintain adequate coverage shall not relieve them of any contractual responsibility or obligation. Minimum insurance coverage shall be the amounts stated herein or the amounts required by applicable law, whichever are greater.

1. "Worker's Compensation and Employer's Liability." This insurance shall protect the Contractor against all claims under applicable State worker's compensation laws. The insurance shall provide coverage in every state in which work for this project might be conducted. The Contractor shall also be protected against claims for injury, disease, or death of employees which, for any reason, may not fall within the provisions of a worker's compensation law. This policy shall include an "all states" endorsement. The liability limits shall be not less than the following:

Worker's Compensation	Statutory Limits
Employer's Liability	\$ 100,000 each accident
	\$ 100,000 each employee
	\$ 500,000 policy limit

2. "Business Automobile Liability." This insurance shall be written in comprehensive form and shall protect the Contractor, Contractor's employees, or subcontractors from claims due to the ownership, maintenance, or use of a motor vehicle. The liability limits shall be not less than the following:

Bodily Injury & Property Damage	\$ 500,000 Combined Single Limit
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3. "Comprehensive General Liability." The comprehensive general liability coverage shall contain no exclusion relative to explosion, collapse, or underground property. The liability limits shall be not less than the following:

Bodily Injury & Property Damage	\$ 500,000 each occurrence
	\$1,000,000 aggregate

4. "Umbrella Liability Insurance." This insurance shall protect the Contractor against claims in excess of the limits provided under the employer's liability, comprehensive automobile liability, and commercial general liability policies. The umbrella policy shall follow the form of the primary insurance, including the application of the primary limits. The liability limits shall not be less than the following:

Bodily Injury & Property Damage	\$1,000,000 each occurrence
	\$1,000,000 general aggregate

5. Additional Requirements. The City may require insurance covering a Contractor or Subcontractor more or less than the standard requirements set forth herein depending upon the character and extent of the work to be performed by such Contractor or Subcontractor.

Insurance as herein required shall be maintained in force until the City releases the Contractor of all obligations under the contract.

The Contractor shall provide and carry any additional insurance as may be required by special provisions of these specifications.

6. **Certificate of Insurance.** Satisfactory certificates of insurance shall be filed with the City prior to starting any work on this contract. The certificates shall show the City as an additional insured on all coverage except Workers Compensation. The certificate shall state that thirty (30) days written notice shall be given to the City before any policy is cancelled (strike the "endeavor to" wording often shown on certificate forms). If the Contractor cannot have the "endeavor to" language stricken, the Contractor may elect to provide a new certificate of insurance every thirty (30) days during the contract. The Contractor shall immediately notify the City if there is any reduction of coverage because of revised limits or claims paid which affect the aggregate of any policy.

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7.12 Proof of Carriage of Insurance

Satisfactory certificates of insurance shall be filed with the City prior to starting any construction work on this contract. The certificates shall show the City as "Additionally Insured." The certificates shall state that thirty (30) days written notice shall be given to the City before any policy covered thereby is changed or canceled (strike the "endeavor to" wording often shown on the certificate forms).

7.13 Contractor's Responsibility for Utility Property and Services

At points where the Contractor's operations are adjacent to properties of railway, telegraph, telephone, and power companies or adjacent to other property to which damage might result, work shall not be commenced until all arrangements necessary for the protection thereof have been made.

The Contractor shall cooperate with the owners of any underground or overhead utility lines in their removal and rearrangement operations in order that these operations may progress in a reasonable manner, that duplication of rearrangement work may be reduced to a minimum, and that services rendered by those parties will not be unnecessarily interrupted.

In the event of interruption to water or utility services as a result of accidental breakage or as a result of being exposed or unsupported, the Contractor shall promptly notify the proper authority. Contractor shall cooperate with said authority in the restoration of service as promptly as possible. In no case shall interruption to water service be allowed to exist outside of working hours. Fire hydrants shall be kept accessible to the Fire Department at all times and no materials shall be kept or stockpiled within fifteen (15) feet of any fire hydrant.

The Contractor must cooperate with the utility companies and schedule work in such a manner as to protect the existing utility facilities until the facilities are abandoned or replacement facilities are completed. In instances where partial grading is necessary before a utility can install its facilities, the Contractor shall consult with the utility and plan the work so reasonable time can be allowed the utility for completing its work.

7.14 No Waiver of Legal Rights

The City shall not be precluded or estopped by any measurement, estimate, or certificate made either before or after the completion and acceptance of the work and payment therefore from showing the true amount and showing that such measurement, estimate, or certificate is untrue or is incorrectly made, nor that the work or materials do not in fact conform to the contract. The City shall not be precluded or estopped, notwithstanding any such measurement, estimate, or certificate and payment in accordance therewith, from recovering from the Contractor or Contractor's sureties, or both, such damage as it may sustain by reason of Contractor's failure to comply with the terms of the contract. Neither the acceptance by the City of any representative of the City, nor any payment for or acceptance of the whole or any part of the work, nor any extension of time, nor any possession taken by the City shall operate as a waiver of any portion of the contract or of any power herein reserved or of any right to damages. A waiver of any breach of the contract shall not be a waiver of any other or subsequent breach.

7.15 Exposure of Pipe or Manholes

The Contractor shall conduct the work at all times in such a manner as will insure no disruption to the normal function of the sanitary sewer collection system. Particular attention shall be paid to the threat of introduction of storm water or other waters to the piping and manholes of the collection system. The Contractor shall take whatever precautions are necessary, such as, but not limited to; installation of plugs in exposed pipes and manholes when work is not in progress, or when leaving the work site. The Contractor will be held responsible for damages which may occur to either the collection system or to private property through introduction of storm water or other waters to exposed piping or manholes relating to the construction work.

SECTION 8 – PRESECUTION AND PROGRESS

8.1 Subletting or Assigning of Contract

The Contractor will not be permitted to sublet, assign, sell, transfer, or otherwise dispose of the contract or any portion thereof or the Contractor's right, title, or interest therein or to either legally or equitably assign any of the money payable under the Contractor's contract or claim thereto without the written consent of the Contractor's surety and the Engineer. The Contractor will not be relieved of any responsibility through any of the above actions.

8.2 Prosecution of Work

The bid for each project will show the contract period. The progress of the work shall be at a rate sufficient to complete the contract within the contract period. If it appears that the rate of progress is such that the contract will not be completed within the contract period or if the work is not being executed in a satisfactory and workmanlike manner, the City may order the Contractor to take such steps as it considers necessary to complete the contract within the period of time specified or to prosecute the work in a satisfactory manner. If the Contractor fails to comply with such order within two (2) weeks after receipt of the order, the Contractor shall automatically be disqualified from receiving any additional contract awards, and the City shall have the right to declare the contract in default and to complete the work in accordance with these specifications under section entitled "Abrogation".

The Contractor's sequence of operations shall be such as to cause as little inconvenience to the general public as possible.

The Contractor will be granted additional and suitable time for the prosecution of the work, as was lost by reason of a delay or delays attributable to other parties authorized to do work on the project over which the Contractor had no control or jurisdiction, as provided in these specifications under section entitled "Extension of Contract Period".

8.3 Limitations of Operations

The Contractor shall conduct the work at all times in such a manner and in such sequence as will insure the least interference with traffic. The Contractor shall have due regard to the location of detours and to the provisions of handling traffic. The Contractor shall not open up work to the prejudice of work already started, and the Engineer may require the Contractor to finish a section on which work is in progress before work is started on any additional section. The Contractor shall so conduct operations and maintain the work in such condition that adequate drainage shall be in effect at all times.

8.4 Methods and Equipment

The methods, equipment, and appliances used shall produce a satisfactory quality of work and shall be adequate to maintain the schedule of progress specified. Equipment used on any portion of the project shall be such that no injury to the roadway, adjacent property, or other streets will result from its use.

When the methods and equipment to be used by the Contractor in accomplishing the construction are not prescribed in the contract, the Contractor is free to use any methods or equipment that is demonstrated to accomplish the contract work in conformity with the requirements of the contract to the satisfaction of the Engineer.

When the contract specifies that the construction be performed by the use of certain methods and equipment, such methods and equipment shall be used unless others are authorized by the Engineer. If the Contractor desires to use a method or type of equipment other than those specified in the contract, a request may be made to the Engineer for authority to do so. The request shall be in writing and shall include a full description of the methods and equipment proposed to be used and an explanation of the reasons for desiring to make the change. If approval is given, it will be on the conformity with contract requirements. If, after trial use of the substituted methods or equipment, the Engineer determines that the work produced does not meet contract requirements, the Contractor shall discontinue the use of the substitute method or equipment and shall complete the remaining construction with the specified methods and equipment. The Contractor shall remove the deficient work and replace it with work of specified quality or take such other corrective action as the Engineer may direct. No change will be made in basis of payment for the construction items involved nor in contract time as a result of authorizing a change in methods or equipment under these provisions.

8.5 Temporary Suspension of Work

Work shall be suspended wholly or in part when, in the opinion of the Engineer, weather or other conditions are unfavorable to its satisfactory prosecution. Work shall also be suspended at the direction of the Engineer pending settlement of disputes arising out of failure of the Contractor to comply with the provisions of the contract. Written notice of suspension of work shall be given by the Engineer. When the Conditions causing suspension no longer exist, such written notice shall be given to the Contractor by the Engineer. Promptly after such written notice, the Contractor shall resume prosecution of the work as provided in these specifications under section entitled "Prosecution of Work".

8.6 Liquidated Damages

Time is an essential element of the contract, and it is important that the work be pressed vigorously to completion.

For each calendar day that any work shall remain uncompleted after the end of the contract period, the amount per calendar day specified in the bid form will be assessed, not as a penalty, but as predetermined and agreed liquidated damages. The final payment will be withheld until payment shall have been made of this invoice.

Due account shall be taken of any adjustment of the contract period granted under the section of these specifications entitled "Extension of Contract Period".

The assessment of liquidated damages for failure to complete the work within the contract period shall not constitute a waiver of the City's right to collect any additional damages which the City may sustain by failure of the Contractor to carry out the terms of the contract.

8.7 Extension of Contract Period

An extension of the contract period may be granted by the City for any of the following reasons:

1. Additional work resulting from a modification of the plans for the project.
2. Delays caused by the City.
3. Other reasons beyond the control of the Contractor which, in the City's judgment, would justify such extension.

8.8 Abrogation

If the Contractor abandons, sublets, or assigns the work under this contract without the consent of the City, or if the Contractor fails to give personal attention to it, or if it is the Engineer's opinion, and is so certified in writing to the Contractor and the City, that the Contractor is violating any of the provisions of this contract or that Contractor is not prosecuting the work in good faith or at the rate of progress specified, or that the Contractor has unnecessarily or unreasonably delayed or neglected the work or any part of it, written notice to that effect is to be given to the Contractor by the Engineer. After such notice, no materials or equipment shall be removed from the work. If, within five (5) days thereafter, the Contractor does not take steps, which in the judgment of the Engineer will insure the satisfactory completion of the work, then the City may declare this contract null and void and the security forfeited and may notify the Contractor in writing to discontinue the work or any part of it; thereupon ceasing the Contractor's right of possession of the ground and of all materials and equipment thereon. The City then, at their option, may enter upon and take possession of the work with all materials, supplies, and equipment remaining thereon and by contract or otherwise, as the City may determine, may complete the work or the part of it designated and charge the expense thereof to the Contractor using any materials or equipment found on the site. The expense so charged, together with all damages incurred, will be deducted from any funds due or to become due under this contract and, should the unexpended balance of these funds be insufficient, the excess shall be at the cost of the Contractor and sureties on the Contractor's bond. Neither completion of a part of the work nor the extension for any reason of the time of the completion of the work is to be considered a waiver of this right to abrogate the contract for abandonment, delay, or unsatisfactory work.

8.9 Termination of Contractor's Responsibility

The contract shall be considered completed when the work has been accepted in writing by the City. Such acceptance shall release the Contractor from all further obligation with respect thereto, except as to conditions and requirements set for in the Contractor's bond.

SECTION 9 – MEASUREMENT AND PAYMENT

9.1 Payments

Payments for estimated work completed will be made only on certificates of the Engineer at a regular City Council meeting.

The City, at its discretion, may include in such estimates, payments for materials that will eventually be incorporated in the project, provided that such materials are suitably stored on the site of the project at the time of preparing estimates for payment. Such payment is to be based upon the estimated value thereof as ascertained by the Engineer. Such material when so paid for by the City shall not be removed from the project without consent of the City and, in case of default on the part of the Contractor; the City may use or cause to be used by others, these materials in construction of the project.

The City will retain five percent (5%) of the estimated amount of work executed in an approved manner and of the approved materials and apparatus suitably stored on site.

Payment of the retained five percent (5%) will be made within sixty (60) days after the formal approval and acceptance by the Engineer of all apparatus, materials, and work embraced in the contract.

9.2 Payments Withheld

The City may withhold or, on account of subsequently discovered evidence, nullify the whole or a part of any certificate to such extent as may be necessary to protect itself from loss on account of:

1. Defective work not remedied
2. Claims filed or reasonable evidence indicating probable filing of claims
3. Failure of the Contractor to make payments properly to subcontractors or for materials or labor
4. A reasonable doubt that the contract can be completed for the balance then unpaid
5. Damage to another contractor

When the above grounds are removed, payment shall be made for amounts withheld because of them.

9.3 Acceptance and Final Payment

If final inspection reveals that all details of the work have been completed satisfactorily, the Engineer shall tentatively accept the work, in writing, relieving the Contractor of further responsibility for the care and maintenance of the completed work and, provided that all equipment and materials have been removed from the right-of-way, shall also relieve the Contractor of further public liability. As soon as possible after tentative acceptance of the work, the Engineer shall measure the completed work and compute the quantities of work for which

payment is to be made. Before final settlement is made, the City shall be satisfied with the completed work. When the Engineer is satisfied that all items of the work have been found to be consistent with the terms of the contract and specifications, a final estimate including the retained percentage due the Contractor shall be released for payment. Release of the final estimate shall constitute final acceptance of the work.

All prior partial estimates and payments shall be subject to correction in the final estimate and payment.

Extra work – see the specifications under the section entitled “Extra Work”.

9.4 Payment for Extra Work

The Contractor will receive and accept payment for work performed under the contract as follows:

1. Items of work performed which are covered by definite prices stipulated in the contract. For all items of work performed which are covered by definite unit prices or lump sum amounts specified in the contract, the Contractor shall receive and accept compensation at the rate specified in the contract.
2. Extra work ordered by the Engineer, of a quality or class not covered by the contract, will be paid for at an agreed price. For extra work ordered by the Engineer and performed on an agreed price basis, the Engineer and the Contractor shall enter into a written agreement before such work is undertaken. This written agreement shall describe the extra work that is to be done and shall specify the agreed price or prices therefore.

Revised 1-18-2010

City of Grand Island, Nebraska
Material Specifications
for
60/48 Fiber OPGW Shield Wire and ADSS

Item Description	Part Number	Unit Price
Deadend – Used at the terminal structures and structures with line angle changes over 30 degrees. The part number and price shown are for a single deadend (tension) located on one side of the structure.	ODEC630/639G08	
10 Inch Link Plate – For use with bolted deadend.	ODELP10	
Anchor Shackle	ANSH30L	
Suspension – For structures with line angle changes up to and including 30 degrees.	SUME615/646	
Y-Clevis Eye 90 for Single Suspension	YC90E-750-1750	
Bonding Wire Assembly - Used for grounding deadends and suspensions to towers. 60" long, Two (2) ½" terminals with hardware included for one side. Other variations are available. Contact AFL for additional information.	BWAL50/50H-60	
Vibration Damper	OVD571/675	
One (1) Bolt Ground Clamp – Customer to specify grounding tap diameter ("YYY") in decimal inches.	OBCM2YYY1	
Down Lead Clamp – Part number shown assumes the use of same size cable in both grooves. Different Cable diameters can be used and will require a different part number.	FDOA-B6B6	
Down Lead Clamp with Banding Adapter – Part number shown assumes the use of same size cable in both grooves. Different cable diameters can be used and will require a different part number.	FDOA-B6B6A	
Down Lead Clamp with Banding Adapter – Part number shown assumes the use of same size cable in both grooves. Different cable diameters can be used and will require a different part number.	FDOA-B6B6B	

Item Description	Part Number	Unit Price
Down Lead Clamp with Lattice Web Adapter- (for web thicknesses up to 0.75") Part number shown assumes the use of same size cable in both grooves. Different cable diameters can be used and will require a different part number.	FDOA-B6B6C	
Down Lead Clamp with Lag Bolt – Part number shown assumes the use of same size cable in both grooves. Different cable diameters can be used and will require a different part number.	FDOA-B6B6D	
Splice Protector Sleeve – 60 MM length – Supplied in packages of ten (10).	SPS60	
Splice Enclosure – Includes trays for up to 72 fibers	SB01-72	
Connector Kit for OPGW Cable –	APCKE631/646	
Connector Kit for ADSS or Loose Tube Cable – Specify diameter of ADSS or loose tube cable in decimal inches.	BCKXXX/XXX	
Coil Bracket for SB01 and Opti-Guard – OPT-GW and ADSS Storage bracket	CB-44	
Comealong – Comealongs are not intended for use as deadends and are not recommended to hold conductors at sag and tension limits for longer than six (6) hours. Maximum tension limit is 50% of the rated breaking strength of the OPT-GW, or 5,000 pounds, whichever is smaller.	OCA630/639	

Line 1 - Item DNO-4989
Loose Tube AlumaCore OPGW Cable, AC-42/42/637, 48
Single-mode fibers
Wood Reels with Flex Wrap
Max Length on wood reels: 6,262 meters
Max length on steel reels: 7,000 meters \$ _____

Line 2 - Item: DNO-9751
Loose Tube AlumaCore OPGW Cable, AC-42/42/637, 72
Single-mode fibers
Wood Reels with Flex Wrap
Max length on wood reels: 6,400 meters
Max length on steel reels 7,000 meters \$ _____

Line 3 - Item: DNA-27660
AFL-ADSS® Cable 72 Single-mode ITU G.652.D fibers,
AE0729C621A08
Wood Reels with Flex Wrap \$ _____

Line 4 - Item: DNA-28538
Mini-Span® 424 Cable 48 Single-mode ITU G.652.D
Fibers, AE0489C520AA4
Wood Reels with Flex Wrap \$ _____



**Data/Electrical/Communication
Residential/Commercial/Industrial**
A Quantum Leap Ahead-We Build Futures
805 South K Road Giltner, Nebraska 68841
402-849-2220 office / 402-849-2213 fax
delcom@hamilton.net

City of Grand Island
100 East 1st Street
Grand Island, Nebraska 68801

City Of Grand Island, Nebraska – Electrical Department.

Replacement of static line with OPTGW fiber optic static line from the Electrical Yard to Sub Station “B” with an extension to the Library Parking lot (for future connection).

Project Scope:

Starting at the City of Grand Island Electrical Yard West side on pole with existing fiber enclosure, install a new splice enclosure with 6- splice trays, one 72 strand OPTGW 72 strand connector and one 72 strand ADSS connector and slack ring. Install 72 strand OPTGW from this point west down the alley to from N Washington Street to the West side of N. Jefferson Street. Then head South along the West side of N. Jefferson Street to the South West corner of N. Jefferson and North Front Street.

Set a new splice enclosure with slack ring, one 72 strand OPTGW connector, two 48 strand OPTGW connectors, and 6 splice trays at this point.

From this splice enclosure continue south over the Rail road tracks to the pole midblock between South Front and Third.

Set a new splice enclosure with two splice trays, one 48 strand OPTGW connector and two plugs for future connections.

Then continue to the pole adjacent to the alley between 3rd and 2nd street. Turn east down this alley to the east side of N. Adams (in the Library parking area) set a new splice enclosure with two splice trays, one 48 strand OPTGW connector and two plugs for future connectors.

The new splice enclosure will be used to feed the old Unemployment building which is slated to become the City Utilities Engineering building.

From the Pole on the South West corner of N. Jefferson and North Front Street install a 48 strand OPTGW fiber optic cable to the West on the South Side to the alley between N. Carey and Ruby Ave.

Cross over N. Front to the north side and set a splice enclosure with slack ring, 4 splice trays, and two 48 strand OPTGW connectors.

Continue West along North Front on the north side to the pole on the north east corner of North Front and Webb Road. Set a new splice enclosure and slack ring with 4 splice trays, and two 48 fiber OPTGW connectors.

Continue north on Webb Road to Faidley Ave. on the South East corner. From this point turn West along the South Side to Sub Station "B"

At Sub Station "B" set a new splice enclosure with slack ring, 4 splice tray and one 48 strand OPTGW connector and one 48 strand ADSS connector.

At Sub Station "B" install 48 strand ADSS from the splice enclosure in 2" conduit from 10 foot above grade on the pole then underground to the control room. Install one new Fiber optic splice and termination enclosure (wall mount or rack mount determined by the City Personnel) with 4 splice trays and 48 SC connector ports (actual location inside the control room will be designated by the City Of Grand Island Engineers).

At the Electrical Yard install 72 strand ADSS from the splice enclosure to the west side of the building. Enter building through the existing weather head and conduit. Install through the existing conduit to the existing data room/closet. Install a new 7 Foot data rack. Move existing equipment to the new rack. (coordinate all moves with City personnel). Install two new 48 port fiber enclosures with 6 splice trays and 72 SC connector ports.

The existing static line and grounding must be kept active until the new OPTGW is in place and a scheduled cut over can take place. After the new OPTGW is totally active as a static line and all grounds

and bonding is in place the old static line is to be removed and disposed of. The contractor will arrange for proper disposal. (see attached manuals for proper installation recommendations and guide lines for the installation of OPTGW and ADSS. Note the usage of pole bands)

At each point where the OPTGW and the ADSS are to be fusion spliced a splice enclosure will be installed with proper grounding. A 40 foot slack coil from each direction will be maintained and all fibers will be fusion splice and neatly stored in the proper trays inside the enclosure.

At termination points (Sub Station "B" and the Electrical yard) all fiber will be terminated with UP-SC Color coded pig tail kits. All pre-polished pig tails will be fusion spliced to the ADSS. All fibers will be tested from both directions with an OTDR and copies of the reports will be submitted to the City of Grand Island.

All spools will be OTDR tested before being installed and each spool will be tagged and the test reports submitted to the City of Grand Island.

All test reports will be delivered in digital format and hard copy.

Preferred Fiber Specifications Are as follows:

OPTGW: Fujikura -

ADSS: Fujikura -

Splice enclosures / Pole mount:

Slack Rings / Pole mount:

Splice Trays – Pole mount:

Inside termination materials, enclosures and data racks must be approved prior to ordering or installation.

All OPTGW and ADSS installation hardware must be approved by the City of Grand Island and the Manufacturer prior to ordering and installation.

All Bonding and Grounding must be maintained throughout the project and must be inspected and approved prior to cut over.

GRAND ISLAND ELECTRIC DEPARTMENT RECLOSER DISABLING AND TRANSMISSION LINE OUTAGE POLICY

Effective Date: January 1, 1996

Revision Date: October 2, 1995

Audience: The following policy concerns Contractors and employees working on or near the overhead or underground 13.8 kV and overhead 115 kV power lines of the Grand Island Electric Department.

Background, Distribution: Overcurrent relays on 13.8 kV distribution feeders detect faults, causing the faulted circuit to be de-energized. Normally these faults are temporary and self-clearing, caused by lightening, squirrels, or failed surge arrestors. Operation of line fuses also result in self-clearing faults. No means exists to automatically determine the location and cause of a fault, be it permanent or temporary. Manually inspecting feeders prior to restoration, to determine the cause of a fault, would needlessly prolong customer outage times.

Since self-clearing faults far outnumber permanent faults, a reclosing relay automatically causes a faulted circuit to be re-energized. If the fault persists, the circuit eventually remains de-energized and must be closed manually, after the problem is found and corrected.

The Power Dispatchers can disable the automatic reclosing feature. This is routinely done when Electric Department crews are performing hot line work. The reclosers can also be disabled for construction work in the vicinity of the 13.8 kV distribution circuits. If a feeder outage occurs while a recloser is disabled, the safety of the workers must be confirmed before the circuit is restored to operation. Immediate communication with the job site is necessary to minimize outage times.

The option to disable reclosers for construction work rests solely with the Electric Department, those requesting disabling of reclosers must comply with the following policy.

Background, Transmission: The 115 kV transmission system is looped. Generally, any one section of the transmission system can be de-energized without effecting power delivery. However, reliability is severely decreased.

Occasionally a section of the 115 kV transmission line is removed from service, to facilitate activities adjacent to the line. The circuit breakers at each end of the line section are opened, leaving the disconnect switches closed and the conductor ungrounded. Failure of another portion of the 115 kV loop will result in a major outage. The line section originally removed from service must be restored immediately. The restoration can be accomplished, remotely, from the Phelps Control Center, but first the persons requesting the removal from service must be notified. Again, immediate communications with the job site is essential.

The option to remove a section of the 115 kV line from service, to facilitate construction work rests solely with the Electric Department, those making such a request must comply with the following policy.

Caution: The recloser disabling and transmission line de-energizing are safety features only. The distribution feeders will remain energized. The transmission line section can not be considered de-energized until visible air break disconnect switches are opened at each end of the line section and the conductors are grounded.

Policy for Disabling Reclosers and Opening a 115 kV Line Section:

1. The work location must be inspected by a representative of the Electric Department prior to a request to remove the recloser or transmission line from service. Usually the representative of the Electric Department will be Bryan Fiala (385-5472), Randy Leiser (385-5470), or Tom Barnes (385-5463).
2. If the Electric Department representative determines that disabling a recloser or removing a transmission line section is desirable and feasible, they will obtain:
 - a. The name of the Company making the request.
 - b. The name of the job superintendent at the work location.
 - c. The telephone number at the job site.
 - d. The exact work location.
 - e. A general description of the work to be performed.
 - f. Approximate dates over which the work will be accomplished.
 - g. The name of the supervisor at the Company headquarters.
 - h. The address and telephone number of Company headquarters.
3. The Electric Department representative will provide a copy of the above information to the Phelps Control Center Dispatchers. The representative will also determine the distribution feeder number or transmission line section that will be affected.
4. Prior to beginning work each day, the job superintendent will call the Phelps Control Center (385-5461) requesting: (1) the recloser(s) for the feeder(s) in the vicinity of the work location be disabled or (2) the transmission line section in the vicinity of the work location be removed from service. In so doing, the job superintendent will provide the following information to the Dispatcher:
 - a. The name of the Company making the request
 - b. The name of the job superintendent at the work location.
 - c. The telephone number at the job site.
 - d. The exact work location.
 - e. A general description of the work to be performed.
 - f. The request that the associated recloser(s) or transmission line section be removed from service.
 - g. The approximate time the work will be completed and the system restored.

If the requested action cannot be performed the Dispatcher will inform the caller immediately.

5. If requested action can be performed the telephone connection will then be broken. The Dispatcher will return the call to the telephone number of the job site confirming compliance with the requested action.
6. As long as the recloser is disabled or the transmission line section out of service, a job superintendent with a telephone will remain at the work location. (The Electric Department will randomly check for compliance.) Should a fault occur on the feeder or the transmission line section need to be returned to service, the Dispatcher will confirm, via telephone with the job superintendent, the safety of the workers. After this confirmation, the electric system will be restored.
7. At the end of each work day, the job superintendent will notify Dispatcher that the recloser can be enabled or the transmission line section can be returned to service.
8. Regardless of notification from the job superintendent: Reclosers will be restored at dusk each day. The transmission line section will be returned to service by 5:00 pm each day. Neither will be removed from service again until requested by the job superintendent.
9. If the job superintendent/Company fails to comply with this Policy, reclosers and transmission line sections will not be removed from service at their request.

-- End of Policy --

Inspection Form for Recloser Disable or Transmission Line Opening

This form is for the use of the Electric Department Representative to gather information pertinent to removing distribution system reclosers and transmission line sections from service to facilitate construction activity by contractors. A separate form will be required for each work location and contractor.

Company Details

Company _____ Supervisor / Manager _____

Office Telephone Number _____

Work Location Details

Superintendent _____ Job Site Phone Number _____

Exact Work Location _____

Work Being Performed

General Description _____

If Parallel to Pole Line: _____ feet distant from closest conductor.

If Crossing Pole Line: _____ feet from closest pole.

Starting Date _____ Anticipated Ending Date _____

Utility Information

If Recloser Disable Request . . . Feeder(s) Numbered: _____

If Transmission Line Section Opened . . . Line Number _____
between Subs _____ & _____

Supervisor

Date

