



Town of North Providence

Bid Documents For:

Fiber Optic/Copper Cable Relocation

Note:

Bids will be received at the Division of Purchasing office, 2000 Smith Street, North Providence, Rhode Island, until 9:45 A.M local time on December 10, 2018.

Bids will be opened and read aloud at 10:00 A.M. at the North Providence Purchasing Board meeting that same day.

Bids must be sealed and plainly marked "Bid Documents for Fiber Optic Cable" on the outside of the envelope.

The Purchasing Board reserves the right to reject any and all bids, to waive any informalities in the bids received and to accept the bid deemed most favorable to the interest of the Town.

BID PROPOSAL

FOR: Fiber Optic Cable

TO: Town of North Providence Office of the Purchasing Agent 2000 Smith Street
North Providence, R.I. 02911

The undersigned having familiarized ourselves with the general layout of the Town, and the State and local conditions effecting the cost of the work, and with the documents effecting Computer Consulting Services and required to be performed, and to provide and furnish all labor, equipment, and transportation service necessary to perform and complete in a worklike manner, all the work and services required to comply with the hereinbefore requirements and with the provisions of the pertinent ordinances of said Town and to the requirements of the General Laws of the State of Rhode Island and Federal Regulations, at the following bid prices:

Bid Amount for equipment and services requested: _____

BIDDER: _____

NUMBER & STREET: _____

CITY/STATE/ZIP: _____

SIGNATURE: _____

DATE: _____ PHONE NO.: _____

Alternate Bid Document

Any additional Work not included in the above described project

Any additional 6 strand fiber requested in addition to the above project shall be priced out as follows:

Cost of Cable (non self-supporting) per foot: _____
Cost of Cable (self-supporting) per foot: _____
Cost of labor per foot : _____
Cost of Pole hardware per pole: _____
Cost of additional termination Cabinet (wall mount) each _____
Cost of Termination Cabinet (rack Mount) each: _____
Adding a splice can: _____
Labor to splice into Can and Termination Cabinet; _____

Any additional 12 strand fiber requested in addition to the above project shall be priced out as follows:

Cost of Cable (non self-supporting) per foot: _____
Cost of Cable (self-supporting) per foot: _____
Cost of labor per foot : _____
Cost of Pole hardware per pole: _____
Cost of additional termination Cabinet (wall mount) each _____
Cost of Termination Cabinet (rack Mount) each: _____
Adding a splice Can: _____
Labor to splice into Can and Termination Cabinet; _____

Any additional 24 strand fiber requested in addition to the above project shall be priced out as follows:

Cost of Cable (non self-supporting) per foot: _____
Cost of Cable (self-supporting) per foot: _____
Cost of labor per foot : _____
Cost of Pole hardware per pole: _____
Cost of additional termination Cabinet (wall mount) each _____
Cost of Termination Cabinet (rack Mount) each: _____
Adding a splice Can: _____
Labor to splice into Can and Termination Cabinet; _____

BIDDER: _____

INFORMATION FOR BIDDERS

1. Receipt and Opening of Proposals:

Sealed proposals (bids) will be accepted in the office of the Purchasing Agent, Town Hall, 2000 Smith Street, North Providence, R. I. until the time indicated in the Invitation for Bids, for the services designated in the Specifications and will then be publicly opened and read. No bids received thereafter will be considered.

2. Form of Bid:

Proposals must be submitted on and in accordance with the bid proposal form included hereto, blank places must be filled in as noted, no change shall be made in the phraseology or in the item or items mentioned therein, must contain the name and proper address of the bidding firm, and must be signed by a responsible member of the firm with his signature and official title. Proposals which are not complete, or contain any omissions, erasures, alterations, addition or contain irregularities of any kind, may be rejected as informal.

3. Submission of Bids:

(a) Envelopes containing bids must be sealed and addressed to the office of the Purchasing Agent, and must be marked with the name and address of bidder, date and hour of bid opening, and name of item in bid call.

(b) The Purchasing Agent will decide when the specified time has arrived to open bids, and no bid received thereafter will be considered.

(c) Any bidder may withdraw his bid by written request at any time prior to the advertised time for opening. Facsimile bids, amendments, or withdrawals will not be accepted.

(d) No bid may be withdrawn for a period of ninety (90) days from the date and time of opening.

(e) Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the bid after it has been opened.

(f) Proposals received prior to the time of opening will be securely kept, unopened. No responsibility will be attached to an officer or person for the premature opening of a proposal not properly addressed and identified.

(g) Four (4) copies of all documentation submitted.

4. Acceptance or Rejection of Bid Proposal:

The Town reserves the right to award the bid by item and further reserves the right to reject any and all proposals or parts thereof, to waive any informality in the proposals received and to accept the proposal, or parts thereof, which it deems to be most favorable to the best interest of the Town.

5. Qualifications of Bidder:

The Town may make such investigations as it deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the Town all such information and data for this purpose as the Town may request. The Town reserves the right to reject any bid if the evidence submitted by, or investigation of such bidder fails to satisfy the Town that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein.

6. Commencement of Contract:

The successful bidder shall commence the work upon Bid award.

7. Bid Prices:

Bidders shall state the proposed bid prices in the manner as designated in the Bid Proposal. In the event there is a discrepancy between the price written in words and in figures, the prices written in words shall govern.

8. Indemnification:

The Contractor shall hold harmless, defend, and indemnify the Town and its officers, agents, and employees against all claims, demands, actions, and suits (including all attorney fees and costs) brought against any of them arising from the Contractor's work or any subcontractor's work under the contract.

9. Insurance:

The Contractor shall carry the following insurance at their own expense:

(a) General: All insurance for this contract shall be written by company (or companies) acceptable to the Town and all policies or certificates shall be submitted to the Town for examination prior to commencement of operations by the Contractor. In the event any policy or certificate, the amount of the insurance, or the company writing same are not satisfactory to the Town, the Contractor shall secure other policies or certificates in form and amount and with a company satisfactory to the Town. The Contractor shall not permit policies to be changed, cancelled, or to lapse and all policies shall include a clause to the effect that the policy shall not be subject to cancellation or a reduction in the limits of liability or amounts of insurance until notice has been sent by certified mail to the Town stating when, (not less than thirty (30) days thereafter) such cancellation or reduction shall be effective. All certificates of insurance shall be delivered to the Town contain true transcripts from the policy or policies, authenticated by the proper officer of the insurer evidencing in particular those insured, the extent of the insurance, the location and operations to which the insurance applies, the expiration date and the above-mentioned notice of cancellation clause and including the Town as an additional insured as to the operations involved.

If any part of the contract is sublet, similar insurance shall be provided by or in behalf of the subcontractors to cover their operations. The Contractor shall be charged with the responsibility for insurance protection for all their subcontract operations and should the contractor's policy not cover each and every subcontractor, certificates of insurance acceptable to the Town covering each and every subcontractor shall be filed with said Town prior to the commencement of subcontract operations.

(b) Workers' Compensation Insurance: The Contractor shall obtain workers, compensation insurance coverage for all of its workers, employees and subcontractors either as a carrier-insured employer or a self-insured employer, as provided by State of Rhode Island Statutes. The Contractor shall maintain worker's compensation insurance coverage for the duration of the contract.

In the event the Contractor's worker' compensation insurance coverage expires during the term of the contract, the Contractor shall renew said insurance, either as a carrier-insured employer or a self-insured employer, before its expiration, and the Contractor shall provide the Town with further certification of workers, compensation insurance as renewals of said insurance occur.

(c) Comprehensive General Liability and Property Damage Insurance including Contractual Liability: The Contractor shall maintain general liability and property damage insurance that protects the Contractor and the Town and its officers, agents, and employees from any and all claims, demands, actions, and suits for damage to property or personal injury, including death, arising from the Contractor's work under the contract.

- (1) Bodily injury including accidental death-each person \$1,000,000.
- (2) Bodily injury including accidental death-each occurrence \$1,000,000.

- (3) Property Damage - each occurrence \$1,000,000.
- (4) Property Damage - aggregate during any twelve (12) months period \$1,000,000.
- (5) Comprehensive Contractor's Protective Liability 1,000,000.
- (6) Commercial General Liability 1,000,000.
- (7) Contractor maintain during the extent of this agreement, Builders Risk Insurance with extended coverage in an amount not less then the full insurable insurable value of work. Any loss payments will made payable to the Town of North Providence and the Contractor.
- (8) Operations - premises Liability
- (9) Independent Contractor's/Town's Protective Liability
- (10) Completed Operations and products Liability
- (11) Contractual Liability
- (12) Comprehensive Automobile Liability: covering all vehicles used by the Contractor in the course of the work including owned, non-owned and hired.
- (13) Bodily injury including accidental death each person \$1,000,000.
- (14) Bodily injury including accidental death-each occurrence \$1,000,000.
- (15) Property Damage - each occurrence \$1,000,000.

10. Wages and Labor:

The Contractor shall comply with the applicable provisions of Title 37, Chapter 13, as amended, General Laws of Rhode Island (1977 Reenactment) Prevailing Wages and Davis Bacon Act.

11. Safety and Health Regulations:

All work contemplated is to be governed, at all times, by applicable provisions of Federal, State of Rhode Island and Town laws, regulations, and ordinances.

12. Permits & License:

Contractor shall be licensed by and allowed to conduct Business in the State of Rhode Island and the Town of North Providence. All fees associated with the submittal of plans, designs or any other fee for approval of proposed work shall be at the cost of the Contractor.

13. Foreign Corporations:

Attention of bidders is hereby directed to excerpts from Chapters 1 to 6 of Title 7 of the General Laws of Rhode Island, 1956, as amended, relative to the conditions precedent, etc. to carrying on business within this State for foreign corporations.

It is understood that the Town reserves the right to award the bid by item or alternate item, and further reserves the right to reject any and all proposals or parts thereof, to waive any informality in the proposals received and to accept the proposal or parts thereof, which it deems to be most favorable to the best interest of the Town.

Bidder further agrees that after notification that the bid has been accepted shall be organized to commence work upon bid award.

14. Qualifications

Contractor shall be in the full time business of Computer Consulting Services. Contractor shall have sufficient staff, knowledge and experience in Computer Consulting Services to perform this service for the TOWN.

CONTRACTOR shall have a previous or current similiar contract shall provide this information herein.

15. Bid Evaluation

This an evaluated bid.

Bids shall be evaluated on the following criteria using a weighted scale, value's stated below:

Experience in Field:	10%
Previous Performance in the field of Computer Consulting:	10%
Bid Amount:	50%
Credentials/Qualifications:	10%
Ability to perform, described services:	20%

The Town will evaluate and or interview the bidders through Interview Committee, appointed by the administration. The Interview Committee will report its findings to the North Providence Purchasing Board. The Purchasing Board may award this bid using the findings of the interview committee.

FIBER OPTIC/COPPER CABLE RELOCATION PROJECT

RFP for Fiber Optic/Copper communications cables to be relocated from current Public Safety Data Center at 1951 Mineral Spring Ave to New Public Safety Data Center 1835 Mineral Spring

Summery

The described fiber/copper relocation project is to handle the relocation of the Public Safety Complex from one location to another. The Public Safety Complex holds the Police/Fire computer networks and the Municipal Fire Alarm Circuit System. These network and systems will be replaced with new equipment in the new complex but must maintain connectivity and all functionality at all times during the move.

Once new equipment is installed in new location a separate temporary connectivity between old network and new network will be required in order for old and new networks to communicate and transfer information.

Upon completion of new data center, fiber will need to be spliced from existing location to new cable then old cable and temporary cable to be removed from old building. Where constant connectivity shall be maintained to all locations without interruption.

Also a new cable shall be run from the new splice can outside old building to the existing Fuel pump system on Mcguire Rd.

Also an additional 12 strand fiber line shall be run from new data center up Smithfield Rd to our tower site at 970 Smithfield Rd and terminated inside tower transmitter building.

Lastly a new 19awg 50 pair telecommunications cable will be run from new building to existing termination cabinet in front of the old building. There must be a new lightning protected termination cabinet with punch down block installed in new data center. The splicing of this cable within the existing outside cabinet will be done by the town.

Scope of work

PART 1

- Supply and install 144 strand smf from 1951 to new data center, Overlash to existing plant. Splice, terminate and Test all.

Comply ____ Other option offered ____ (Appendix ____)

- Supply all DMARC cans and insets, Perform additional weekend cutovers per customers request until completed

Comply ____ Other option offered ____ (Appendix ____)

PART 2

- Supply and install smf fiber from new splice can to 1951 Mineral Spring Ave for temporary connection.

Comply ____ Other option offered ____ (Appendix ____)

- Supply all Dmarc, and inserts, splice, terminate and test all

Comply ____ Other option offered ____ (Appendix ____)

PART 3

- Supply and install 12 strand smf fiber from new data center to Radio tower site at 970 Smithfield Rd.

Comply ____ Other option offered ____ (Appendix ____)

- Supply all Dmarc, and inserts, splice, terminate and test all

Comply ____ Other option offered ____ (Appendix ____)

PART 4

- Supply and install 4 strand smf fiber from new splice can to fuel pump on McGuire Rd

Comply ____ Other option offered ____ (Appendix ____)

- Supply all Dmarc, and inserts, splice, terminate and test all

Comply ____ Other option offered ____ (Appendix ____)

PART 5

- Supply and install 19awg 50 pair copper telecommunications cable from existing telco termination cabinet to new data center.

Comply ____ Other option offered ____ (Appendix ____)

- Supply termination cabinet and lightning arrestors in new data center for all 50 pairs

Comply ____ Other option offered ____ (Appendix ____)

FIBER TYPE

All cables shall be Single Mode fiber

Comply ____ *NO SUBSTITUTES* (*Appendix* ____)

All Cables shall be no less than Single jacketed

Comply ____ *NO SUBSTITUTES* (*Appendix* ____)

All Cables shall contain a Kevlar Central strength member and corning glass outside plant OSP

Comply ____ *Other option offered* ____ (*Appendix* ____)

All terminations shall have "SC" connectors

Comply ____ *NO SUBSTITUTES* (*Appendix* ____)

UTILITY POLE INSTALLATION

Must meet all requirements of IEEE (institute of Electrical and Electrons Engineers)

Comply ____

Must meet all manufacturing hanging (supporting) requirements

Comply ____

Must include all hanging, lashing, pole hardware, drop connectors, termination hardware, or any other required item as specified by the Town

Comply ____

Must include any updating of existing pole hardware on any of the existing cabling plant

Comply ____

Must provide service loops as follows:

1951 Mineral Spring Ave to 1835 Mineral Spring Ave (1 service loop centered between Smithfield Rd and 1951 Mineral Spring Ave, and 1 service loop centered from Smithfield Rd to 1834 Mineral Spring Ave

Comply ____

1951 Mineral Spring splice can to Fuel Pumps on Mcguire Rd (1 service loop on Mcguire Rd)

Comply ____

1935 Mineral Spring Ave to tower at 970 Smithfield Rd. (2 service loops centered apart from each other on Smithfield RD. from Mineral Spring Ave)

Comply ____

Service loops must have loop protection such as "Shoe Shoes"

Comply ____

Cable must be marked with approved label at each pole

Comply ____

Any existing cables that need adjustment or has missing hardware while lashing shall be completed or fixed in the proper manor

Comply ____

Police details when needed are the responsibility of the bidder

Comply ____

FIBER TERMINATION AND SPLICING

All strands of fiber shall be terminated in the new data center into the owner provided rackmount cabinets located in the center of the room using SC connectors.

Comply ____ (*Appendix* ____)

Bidder shall supply all termination cabinets and splicing cans.

Comply ____ (*Appendix* ____)

Fiber termination included shall be as follows:

1835 Mineral Spring Ave- 144 strands at termination point and in can

1951 Mineral Spring Ave (temp cable) 12 strands and in can

970 Smithfield Rd- 12 strands at both termination location points

Fuel pumps Mcguire Rd- 4 strands at termination point and in can

Comply ____ *Other option offered* ____ (*Appendix* ____)

Bidder shall supply the following termination types at each location

1835 Mineral Spring Ave- rackmount

1951 Mineral Spring Ave (temp cable)- Wall mount

970 Smithfield Rd- Wall mount

Fuel Pumps Mcguire Rd,- Wall mount

Comply ____ Other option offered ____ (Appendix ____)

TESTING AND ACCEPTANCE

Once the splicing, and SC connector termination has been completed the bidder shall test each connector at each end and provide an OTDR report with documented proof of each test to include a Wave form diagram. Each test shall show at least:

A to B distance

3-pt reflectance

4 pt. Ev. Loss

A to B LSA att.

A to B ORL

Comply ____ Other option offered ____ (Appendix ____)

This project shall be considered a turnkey system defined as everything shall be included in original RFP to allow the project to work completely as described in this scope of work. Any type of cable, connector, hardware or software needed to perform the task shall be included in the bidder's proposal. If any such item is missing and the system will not work as describe the bidder at their cost shall provide such items as long as the town has not changed its scope of work and description of use.

Any questions, inquires, or to schedule a walk through please contact the Communications Director

Ralph Nahigian
1951 Mineral Spring Ave.
North Providence, RI 02904
communicationsdirector@northprovidenceri.gov

Bidder Compliance

The Bidder shall be capable of bidding on all items and if said Bidder was unable to bid on all items that Bidder shall be disqualified

The Bidder shall be responsible for any and all shipping and handling chargers that also includes the return of damaged or non-working parts

The Bidder shall NOT sub bid items

No items size, gauge or strand type or amount shall be substituted

All items shall be delivered to the location specified by the Director of Communications

There will be NO particle delivery of any items unless approved by the Director of Communications

All described warranties and extended warranties shall be that of the manufacturer and NOT the bidder

Bidder shall comply with installation time table set by the town based on new facility progress and access availability, estimated time to start is March 1st 2019. Awarded bidders must be able to start within a two week window once advised by contractor they are ready for cable. If they cannot begin work in that two week window they shall be disqualified from the bidding award. Furthermore once started they will have 3 weeks (winter weather dependent) to complete the running of all cables, termination and splicing of new master cable in data center, temp cable at both locations, and new cable to radio tower both locations.

Bidders must show proof of performing at least 5 different projects of this scope upon request

The town has the right to reject any bid or RFP based on a bidders past performance in the Town of North Providence

Bid amount for project described: _____

Any additional Work not included in the above described project

Any additional 6 strand fiber requested in addition to the above project shall be priced out as follows:

Cost of Cable (non self-supporting) per foot: _____

Cost of Cable (self-supporting) per foot: _____

Cost of labor per foot : _____

Cost of Pole hardware per pole: _____

Cost of additional termination Cabinet (wall mount) each _____

Cost of Termination Cabinet (rack Mount) each: _____

Adding a splice can: _____

Labor to splice into Can and Termination Cabinet; _____

Any additional 12 strand fiber requested in addition to the above project shall be priced out as follows:

Cost of Cable (non self-supporting) per foot: _____

Cost of Cable (self-supporting) per foot: _____

Cost of labor per foot : _____

Cost of Pole hardware per pole: _____

Cost of additional termination Cabinet (wall mount) each _____

Cost of Termination Cabinet (rack Mount) each: _____

Adding a splice Can: _____

Labor to splice into Can and Termination Cabinet; _____

Any additional 24 strand fiber requested in addition to the above project shall be priced out as follows:

Cost of Cable (non self-supporting) per foot: _____

Cost of Cable (self-supporting) per foot: _____

Cost of labor per foot : _____

Cost of Pole hardware per pole: _____

Cost of additional termination Cabinet (wall mount) each _____

Cost of Termination Cabinet (rack Mount) each: _____

Adding a splice Can: _____

Labor to splice into Can and Termination Cabinet; _____

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The Bidder will identify business entity as individual, or if doing business under an assumed name, indicate assumed name, partnership (naming partners) and indicate official capacity of person executing proposal and bid.

BIDDER: _____

NUMBER & STREET: _____

CITY/STATE/ZIP: _____

SIGNATURE: _____

DATE: _____ PHONE NO.: _____

Being a (Corporation, incorporated under)
the laws of the State of

(Partnership
(Individual

Composed of officers, partners or owner as
follows:

(President) (owner) (Partner/s)

STATEMENT NO. 1:

Statement containing a list of the completed services performed in this or any other city or town. Said list shall contain the approximate population of the community in which said work was performed and the names and positions of the public officials who supervised said work.

Name of Company: _____

Contracted for: _____

Length of Contract: From _____ to _____
(Month & Year) (Month & Year)

Name, position, address and telephone number supervisor work:

Name of Company: _____

Contracted for: _____

Length of Contract: From _____ to _____
(Month & Year) (Month & Year)

Name, position, address and telephone number supervisor work:

BIDDER: _____

BY: _____

STATEMENT OF INSURANCE

The undersigned, will write and furnish to the Town of North Providence, Rhode Island, Malpractice Insurance, in the amount of not less than \$1,000,000.00.

NAME OF INSURANC COMPANY: _____

NUMBER & STREET: _____

CITY/STATE/ZIP: _____

SIGNATURE OF COMPANY OFFICIAL: _____

TITLE: _____ DATE: _____

PHONE NO: _____