

# REQUEST FOR PROPOSAL

**RFP # 22-42**

## **On-Demand Fiber Optic Network Maintenance**

City of Ann Arbor  
City Administration / Information Technology Department



**Due Date: May 25, 2022 by 2:00 p.m. (local time)**

Issued By:

City of Ann Arbor  
Procurement Unit  
301 E. Huron Street  
Ann Arbor, MI 48104

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## **SECTION I - GENERAL INFORMATION**

### **A. OBJECTIVE**

The City of Ann Arbor is seeking the services of a contractor to provide on-demand routine maintenance, testing, troubleshooting, remediation, and emergency restoration of the city's current and future fiber optics networks. The city Information Technology (IT) department monitors these networks and when issue(s) occur need to contact a contractor to perform the above services. Response times will vary depending on the nature of the issue. Contractors will have significant experience with metropolitan fiber optics network design, construction, and maintenance. We are seeking a multi-year agreement with 24 x 7 x 365-day response and availability.

### **B. QUESTIONS AND CLARIFICATIONS / DESIGNATED CITY CONTACTS**

All questions regarding this Request for Proposal (RFP) shall be submitted via e-mail. Questions will be accepted and answered in accordance with the terms and conditions of this RFP.

**All questions shall be submitted on or before May 9, 2022 at 11:00 a.m.,** and should be addressed as follows:

Scope of Work/Proposal Content questions shall be e-mailed to:  
Tom Shewchuk, IT Director – [IT-RFPS@a2gov.org](mailto:IT-RFPS@a2gov.org)

RFP Process and Compliance questions shall be e-mailed to Colin Spencer, Buyer  
- [CSpencer@a2gov.org](mailto:CSpencer@a2gov.org)

Should any prospective offeror be in doubt as to the true meaning of any portion of this RFP, or should the prospective offeror find any ambiguity, inconsistency, or omission therein, the prospective offeror shall make a written request for an official interpretation or correction by the due date for questions above.

All interpretations, corrections, or additions to this RFP will be made only as an official addendum that will be posted to [a2gov.org](http://a2gov.org) and [MITN.info](http://MITN.info) and it shall be the prospective offeror's responsibility to ensure they have received all addenda before submitting a proposal. Any addendum issued by the City shall become part of the RFP and must be incorporated in the proposal where applicable.

### **C. PRE-PROPOSAL MEETING**

No pre-proposal meeting will be held for this RFP. Please contact staff indicated above with general questions regarding the RFP.

## **D. PROPOSAL FORMAT**

To be considered, each firm must submit a response to this RFP using the format provided in Section III. No other distribution of proposals is to be made by the prospective offeror. An official authorized to bind the offeror to its provisions must sign the proposal in ink. Each proposal must remain valid for at least ninety days from the due date of this RFP.

Proposals should be prepared simply and economically providing a straightforward, concise description of the offeror's ability to meet the requirements of the RFP. No erasures are permitted. Mistakes may be crossed out and corrected and must be initialed in ink by the person signing the proposal.

## **E. SELECTION CRITERIA**

Responses to this RFP will be evaluated using a point system as shown in Section III. A selection committee comprised of staff from the City will complete the evaluation.

The fee proposals will not be reviewed at the initial evaluation. After initial evaluation, the City will determine top proposals, and open only those fee proposals. The City will then determine which, if any, firms will be interviewed. During the interviews, the selected firms will be given the opportunity to discuss their proposal, qualifications, past experience, and their fee proposal in more detail. The City further reserves the right to interview the key personnel assigned by the selected offeror to this project. If the City chooses to interview any respondents, the interviews will be tentatively held in June 2022.

All proposals submitted may be subject to clarifications and further negotiation. All agreements resulting from negotiations that differ from what is represented within the RFP or in the proposal response shall be documented and included as part of the final contract.

## **F. SEALED PROPOSAL SUBMISSION**

**All proposals are due and must be delivered to the City on or before, May 25, 2022 at 2:00 p.m. (local time).** Proposals submitted late or via oral, telephonic, telegraphic, electronic mail or facsimile **will not** be considered or accepted.

**Each respondent must submit in a sealed envelope**

- **one (1) original proposal**
- **three (3) additional proposal copies**
- **one (1) digital copy of the proposal preferably on a USB/flash drive as one file in PDF format**

**Each respondent must submit in a single separate sealed envelope marked Fee Proposal**

- **two (2) copies of the fee proposal**

**The fee proposal and all costs must be separate from the rest of the proposal.**

Proposals submitted should be clearly marked: **“RFP No.22-42 – On-Demand Fiber Optic Network Maintenance”** and list the offeror’s name and address.

Proposals must be addressed and delivered to:  
City of Ann Arbor  
c/o Customer Service  
301 East Huron Street  
Ann Arbor, MI 48107

All proposals received on or before the due date will be publicly opened and recorded on the due date. No immediate decisions will be rendered.

Hand delivered bids may be dropped off in the Purchasing drop box located in the Ann Street (north) vestibule/entrance of City Hall. The City will not be liable to any prospective offeror for any unforeseen circumstances, delivery, or postal delays. Postmarking on the due date will not substitute for receipt of the proposal. Offerors are responsible for submission of their proposal. Additional time will not be granted to a single prospective offeror. However, additional time may be granted to all prospective offerors at the discretion of the City.

**A proposal may be disqualified if the following required forms are not included with the proposal:**

- **Attachment C - City of Ann Arbor Non-Discrimination Declaration of Compliance**
- **Attachment D - City of Ann Arbor Living Wage Declaration of Compliance**
- **Attachment E - Vendor Conflict of Interest Disclosure Form of the RFP Document**

***Proposals that fail to provide these forms listed above upon proposal opening may be deemed non-responsive and may not be considered for award.***

***Please provide the forms outlined above (Attachments C, D and E) within your narrative proposal, not within the separately sealed Fee Proposal envelope.***

***All proposed fees, cost or compensation for the services requested herein should be provided in the separately sealed Fee Proposal envelope only.***

## **G. DISCLOSURES**

Under the Freedom of Information Act (Public Act 442), the City is obligated to permit review of its files, if requested by others. All information in a proposal is subject to disclosure under this provision. This act also provides for a complete disclosure of contracts and attachments thereto.

## **H. TYPE OF CONTRACT**

A sample of the Professional Services Agreement is included as Appendix A. Those who wish to submit a proposal to the City are required to review this sample agreement carefully. **The City will not entertain changes to its Professional Services Agreement.**

The City reserves the right to award the total proposal, to reject any or all proposals in whole or in part, and to waive any informality or technical defects if, in the City's sole judgment, the best interests of the City will be so served.

This RFP and the selected offeror's response thereto, shall constitute the basis of the scope of services in the contract by reference.

## **I. NONDISCRIMINATION**

All offerors proposing to do business with the City shall satisfy the contract compliance administrative policy adopted by the City Administrator in accordance with the Section 9:158 of the Ann Arbor City Code. Breach of the obligation not to discriminate as outlined in Attachment C shall be a material breach of the contract. Contractors are required to post a copy of Ann Arbor's Non-Discrimination Ordinance attached at all work locations where its employees provide services under a contract with the City.

## **J. WAGE REQUIREMENTS**

The Attachments provided herein outline the requirements for payment of prevailing wages or of a "living wage" to employees providing service to the City under this contract. The successful offeror must comply with all applicable requirements and provide documentary proof of compliance when requested.

## **K. CONFLICT OF INTEREST DISCLOSURE**

The City of Ann Arbor Purchasing Policy requires that the consultant complete a Conflict of Interest Disclosure form. A contract may not be awarded to the selected offeror unless and until the Procurement Unit and the City Administrator have reviewed the Disclosure form and determined that no conflict exists under applicable federal, state, or local law or administrative regulation. Not every relationship or situation disclosed on the Disclosure Form may be a disqualifying conflict. Depending

on applicable law and regulations, some contracts may be awarded on the recommendation of the City Administrator after full disclosure, where such action is allowed by law, if demonstrated competitive pricing exists and/or it is determined the award is in the best interest of the City. A copy of the Conflict of Interest Disclosure Form is attached.

#### **L. COST LIABILITY**

The City of Ann Arbor assumes no responsibility or liability for costs incurred by the offeror prior to the execution of a Professional Services Agreement. The liability of the City is limited to the terms and conditions outlined in the Agreement. By submitting a proposal, offeror agrees to bear all costs incurred or related to the preparation, submission, and selection process for the proposal.

#### **M. DEBARMENT**

Submission of a proposal in response to this RFP is certification that the Respondent is not currently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from participation in this transaction by any State or Federal departments or agency. Submission is also agreement that the City will be notified of any changes in this status.

#### **N. PROPOSAL PROTEST**

All proposal protests must be in writing and filed with the Purchasing Manager within five (5) business days of the award action. The offeror must clearly state the reasons for the protest. If an offeror contacts a City Service Area/Unit and indicates a desire to protest an award, the Service Area/Unit shall refer the offeror to the Purchasing Manager. The Purchasing Manager will provide the offeror with the appropriate instructions for filing the protest. The protest shall be reviewed by the City Administrator or designee, whose decision shall be final.

Any inquiries or requests regarding this procurement should be only submitted in writing to the Designated City Contacts provided herein. Attempts by the offeror to initiate contact with anyone other than the Designated City Contacts provided herein that the offeror believes can influence the procurement decision, e.g., Elected Officials, City Administrator, Selection Committee Members, Appointed Committee Members, etc., may lead to immediate elimination from further consideration.

#### **O. SCHEDULE**

The proposals submitted should define an appropriate schedule in accordance with the requirements of the Proposed Work Plan in Section III.

The following is the schedule for this RFP process.

<b>Activity/Event</b>	<b>Anticipated Date</b>
Written Question Deadline	May 9, 2022, 11:00 a.m.
Addenda Published (if needed)	Week of May 9, 2022
Proposal Due Date	May 25, 2022 by 2:00 p.m. (Local Time)
Tentative Interviews (if needed)	June 2022
Selection/Negotiations	June/July 2022
Expected City Council Authorizations	June/July 2022

The above schedule is for information purposes only and is subject to change at the City's discretion.

**P. IRS FORM W-9**

The selected offeror will be required to provide the City of Ann Arbor an IRS form W-9.

**Q. RESERVATION OF RIGHTS**

1. The City reserves the right in its sole and absolute discretion to accept or reject any or all proposals, or alternative proposals, in whole or in part, with or without cause.
2. The City reserves the right to waive, or not waive, informalities or irregularities in of any proposal if determined by the City to be in its best interest.
3. The City reserves the right to request additional information from any or all offerors.
4. The City reserves the right to reject any proposal that it determines to be unresponsive and deficient in any of the information requested within RFP.
5. The City reserves the right to determine whether the scope of the project will be entirely as described in the RFP, a portion of the scope, or a revised scope be implemented.
6. The City reserves the right to select one or more consultants to perform services.
7. The City reserves the right to retain all proposals submitted and to use any ideas in a proposal regardless of whether that proposal is selected. Submission of a proposal indicates acceptance by the firm of the conditions contained in this RFP, unless clearly and specifically noted in the proposal submitted.
8. The City reserves the right to disqualify proposals that fail to respond to any requirements outlined in the RFP, or failure to enclose copies of the required documents outlined within RFP.

**R. ENVIRONMENTAL COMMITMENT**

The City of Ann Arbor recognizes its responsibility to minimize negative impacts on human health and the environment while supporting a vibrant community and economy. The City further recognizes that the products and services the City buys have inherent environmental and economic impacts and that the City should make procurement decisions that embody, promote, and encourage the City's commitment to the environment.



The City encourages potential vendors to bring forward emerging and progressive products and services that are best suited to the City's environmental principles.

## **SECTION II - SCOPE OF SERVICES**

### 1. Background

The city of Ann Arbor has built multiple fiber optics networks and will continue to expand in the future. As a result, the city is seeking contractors to perform on-demand routine maintenance, testing, troubleshooting, remediation, and emergency restoration to limit network down time and maximize network availability for the city and its customers. Emergency restoration response times need to be within 4 hours of the city contacting a contractor and repairs within 12 hours or less. Following is a description of the existing and future fiber networks that will require on-demand maintenance:

- **A2 I-NET Fiber Network** - A 144 fiber strand 35-mile backbone that traverses around the east and west side of the city with a bi-sector connecting the city's 2 data centers. There are approximately 10 miles of lateral connections consisting of a 48-strand fiber count cable. The backbone is approximately 40% aerial and 60% underground. The lateral connections are a combination of aerial and underground.
- **Technology Park Network** - The- City is currently constructing a 9-mile underground fiber/conduit network in the City of Ann Arbor Downtown Development Authority (DDA) District. Initially it will consist of 432 fiber strands capable of expanding to 3,456 strands. The entire fiber/conduit network is 100% underground.
- **Ann Arbor/Ypsilanti Broadband Network** - In 2023, the city will be constructing approximately 20 miles of underground fiber from the City of Ann Arbor to the City of Ypsilanti. It will have an initial capacity of 432 fiber strands capable of expanding to 1,728 strands. It is anticipated the fiber/conduit backbone will be is 100% underground.
- **Traffic Control Network** – The city traffic control system is connected via a fiber network throughout the City of Ann Arbor. It is a combination of underground and aerial fiber.

The City of Ann Arbor has over 40 locations throughout the city connected to the city's fiber as well as external customers that utilize dark fiber.

### 2. Requirements

Following is a description of the requirements for the tasks and activities included for this RFP. The Contractor(s) assigned to this project must demonstrate extensive experience with similar projects.

1. Required services include all aspects of maintaining an aerial and underground fiber networks. Following are a list of services required, but not limited to:
  - a. Routine Maintenance

- b. Emergency Restoration
  - c. Tree Trimming of Aerial fiber segments on a Three-Year Cycle (~ 22 miles)
  - d. Permitting
    - Testing and Verification per industry standards
  - e. As-Built Drawings of all Adds, Moves and Changes to the network including new splices
  - f. Fiber splicing
  - g. Splice enclosure installation
  - h. Hand-hole repair and replacement
  - i. Testing
  - j. Troubleshooting
  - k. Problem resolution
2. All work performed by the Contractor shall be in accordance with the City's specifications and all applicable standards included but not limited to the following:
    - a. ANSI, ATIS, ASTM, BOCA, BICSI, EIA, IEEE, MI-OSHA, NEMA NESC, NFPA, OSHA, TIA, UL, and any other applicable industry standard(s).
    - b. The City's specifications can be found at: <http://www.a2gov.org/departments/engineering/Pages/Engineering-and-Contractor-Resources.aspx>
    - c. All work performed must adhere to the Detailed Specification for City of Ann Arbor fiber and conduit design and construction located in Attachment A, unless otherwise approved by the City of Ann Arbor.
  3. When any maintenance and repair is completed, the contractor(s) shall perform continuity testing of optical fibers using OTDR. Test results cannot exceed 0.25 dB loss per kilometer.
  4. Any maintenance and repair changes must be pre-approved by the City of Ann Arbor before commencing with said change. Redline edit drawings in AutoCAD format will be required for documenting any approved changes.
  5. Contractor(s) is responsible for all jobsite cleanup and the remove of all spent fiber reels and other materials used during maintenance and repair (as needed).
  6. Contractor(s) is responsible for the restoration of landscape to its original condition after work is complete. Surrounding area must be filled, leveled, and compacted. If grass restoration is required, contractor must apply seed or hydro seed.
  7. The Contractor shall warrant that all materials furnished shall be new, and free from defects.

8. The Contractor shall warrant that all materials and workmanship used in this installation are as herein specified and shall provide all material and labor required to make good any defects due to faulty materials or workmanship which become apparent within a one-year period from project completion.
9. The equipment and materials manufacturers are expected to recognize that they are responsible for the failure of their products to perform in accordance with data furnished by them or their authorized representatives, as well as misrepresentations of such data.
  - a. When products have been installed in accordance with the manufacturer's published or written instructions and recommendations, and such products fail, the contractor and the manufacturers are responsible for replacement of the products and all associated work and materials without additional cost to the City of Ann Arbor.
  - b. Warranty information is required for all materials supplied by the Contractor.
  - c. Damage by vandals, fire, traffic accidents or "acts of God" is excluded from warranty.
10. Complete the Compensation / Fee Proposal Schedule in Exhibit B and include any additional, alternative, or optional services.

## **SECTION III - MINIMUM INFORMATION REQUIRED**

### **PROPOSAL FORMAT**

Offerors should organize Proposals into the following Sections:

- A. Professional Qualifications
- B. Past Involvement with Similar Projects
- C. Proposed Work Plan
- D. Fee Proposal (include in a separate sealed envelope clearly marked "Fee Proposal")
- E. Authorized Negotiator
- F. Attachments

The following describes the elements that should be included in each of the proposal sections and the weighted point system that will be used for evaluation of the proposals.

#### A. Professional Qualifications – 20 points

1. State the full name and address of your organization and, if applicable, the branch office or other subsidiary element that will perform, or assist in performing, the work hereunder. Indicate whether it operates as an individual, partnership, or corporation. If as a corporation, include whether it is licensed to operate in the State of Michigan.
2. Include the name of executive and professional personnel by skill and qualification that will be employed in the work. Show where these personnel will be physically located during the time they are engaged in the work. Indicate which of these individuals you consider key to the successful completion of the project. Identify only individuals who will do the work on this project by name and title. Resumes and qualifications are required for all proposed project personnel, including all subcontractors. Qualifications and capabilities of any subcontractors must also be included.
3. State history of the firm, in terms of length of existence, types of services provided, etc. Identify the technical details that make the firm uniquely qualified for this work.

#### B. Past involvement with Similar Projects – 30 points

The written proposal must include a list of specific experience in the project area and indicate proven ability in implementing similar projects for the firm **and** the individuals to be involved in the project. A complete list of client references must be provided for similar projects recently completed. The list shall include the firm/agency name, address, telephone number, project title, and contact person.

C. Proposed Work Plan – 30 points

Provide a detailed and comprehensive description of how the offeror intends to provide the services requested in this RFP. This description shall include, but not be limited to: Service Level Agreements (SLA's), incident management processes and procedures, response times, escalation process, problem resolution, communication and coordination, the working relationship between the offeror and City staff, and the company's general philosophy in regards to providing the requested services.

Offerors shall be evaluated on the clarity, thoroughness, and content of their responses to the above items.

D. Fee Proposal - 20 points

Fee schedules shall be submitted in a separate, sealed, envelope as part of the proposal. Fee quotations are to include the names, title, hourly rates, overhead factors, and any other relevant details. The proposal should highlight key staff and positions that would likely be involved with projects. Offerors shall be capable of justifying the details of the fee proposal relative to personnel costs, overhead, how the overhead rate is derived, material and time.

E. Authorized Negotiator

Include the name, phone number, and e-mail address of persons(s) in your organization authorized to negotiate the agreement with the City

F. Attachments

Legal Status of Offeror, Conflict of Interest Form, Living Wage Compliance Form, and the Non-Discrimination Form should be returned with the proposal. These elements should be included as attachments to the proposal submission.

## **PROPOSAL EVALUATION**

1. The selection committee will evaluate each proposal by the above-described criteria and point system (A through C) to select a short-list of firms for further consideration. The City reserves the right to reject any proposal that it determines to be unresponsive and deficient in any of the information requested for evaluation. A proposal with all the requested information does not guarantee the proposing firm to be a candidate for an interview. The committee may contact references to verify material submitted by the offerors.
2. The committee then will schedule interviews with the selected firms if necessary. The selected firms will be given the opportunity to discuss in more detail their qualifications, past experience, proposed work plan, and Compensation / Fee Schedule.

3. The interview must include the project team members expected to complete a majority of work on the project, but no more than six members' total. The interview shall consist of a presentation of up to thirty minutes (or the length provided by the committee) by the offeror, including the person who will be the project manager on this contract, followed by approximately thirty minutes of questions and answers. Audiovisual aids may be used during the oral interviews. The committee may record the oral interviews.
4. The firms interviewed will then be re-evaluated by the above criteria (A through D), and adjustments to scoring will be made as appropriate. After evaluation of the proposals, further negotiation with the selected firm may be pursued leading to the award of a contract by City Council, if suitable proposals are received.

The City reserves the right to waive the interview process and evaluate the offerors based on their proposals and fee schedules alone and open fee schedules before or prior to interviews.

The City will determine whether the final scope of the project to be negotiated will be entirely as described in this RFP, a portion of the scope, or a revised scope.

Work to be done under this contract is generally described through the detailed specifications and must be completed fully in accordance with the contract documents.

Any proposal that does not conform fully to these instructions may be rejected.

## **PREPARATION OF PROPOSALS**

Proposals should have no plastic bindings but will not be rejected as non-responsive for being bound. Staples or binder clips are acceptable. Proposals should be printed double sided on recycled paper. Proposals should not be more than 30 sheets (60 sides), not including required attachments and resumes.

Each person signing the proposal certifies that they are a person in the offeror's firm/organization responsible for the decisions regarding the fees being offered in the Proposal and has not and will not participate in any action contrary to the terms of this provision.

## **ADDENDA**

If it becomes necessary to revise any part of the RFP, notice of the addendum will be posted to Michigan Inter-governmental Trade Network (MITN) [www.mitn.info](http://www.mitn.info) and/or the City of Ann Arbor web site [www.A2gov.org](http://www.A2gov.org) for all parties to download.

Each offeror must acknowledge in its proposal all addenda it has received. The failure of an offeror to receive or acknowledge receipt of any addenda shall not relieve the offeror

of the responsibility for complying with the terms thereof. The City will not be bound by oral responses to inquiries or written responses other than official written addenda.



## **SECTION IV - ATTACHMENTS**

Attachment A - City of Ann Arbor Fiber Optic Design and Construction Detailed Specifications

Attachment B - Legal Status of Offeror

Attachment C – Non-Discrimination Ordinance Declaration of Compliance Form

Attachment D – Living Wage Declaration of Compliance Form

Attachment E – Vendor Conflict of Interest Disclosure Form

Attachment F – Non-Discrimination Ordinance Poster

Attachment G – Living Wage Ordinance Poster

Exhibit A – Sample Professional Services Agreement

Exhibit B - Compensation / Fee Proposal Form

Exhibit C – Insurance Requirements

## ATTACHMENT A

### CITY OF ANN ARBOR **Fiber Optic Design and Construction Detailed Specifications**

#### **A. GENERAL REQUIREMENTS**

- a. All work performed by the Contractor shall be in accordance with the City's specifications and all applicable standards included but not limited to the following:
  - i. ANSI, ATIS, ASTM, BOCA, BICSI, EIA, IEEE, MI-OSHA, NEMA NESC, NFPA, OSHA, TIA, UL, and any other applicable industry standard(s).
- b. All Traffic Control needed to perform any and all portions of the work is the responsibility of the Contractor and shall be included in the cost, regardless of the number of traffic control mobilizations and setups required.
- c. Any damage to and not limited to: landscaping, private property, University of Michigan property, roads, curb and gutter, sidewalk, or existing utilities shall be repaired by the Contractor and/or any their sub-contractor(s) immediately at no cost to the project.
- d. The Contractor shall always confine work to ROW property. At no time, shall the Contractor enter private property, University of Michigan property, or perform any work not authorized by the City of Ann Arbor.
- e. The Contractor is responsible for locating all existing underground services including:
  - i. Electric, gas, telephone, data, water, and sewer prior to beginning any underground work. Coordination and compliance with Miss Dig are required.
- f. The Contractor will provide experienced installers who are licensed or certified to install Corning fiber manufactured material.
- g. The Contractor is required to facilitate inspections of work with City of Ann Arbor and the City's designated representative (design, engineering services contractor) that is providing construction oversight under a separate contract. Any deficiencies revealed during inspections by City and/or designated representatives of the City of Ann Arbor, are the sole responsibility of the Contractor to resolve.
- h. When work is completed, the Contractor shall perform continuity testing of optical fibers using OTDR and industry standards for testing. Refer to Section "Acceptance and Testing" for requirements.
  - i. The Contractor shall install necessary lighting protection in accordance with standards.
- j. Bonding on aerial Network segments is required per AT&T and DTE pole attachment agreements. The Contractor must be familiar with AT&T and DTE pole attachment requirements.
- k. Copies of the City's pole attachment agreements with AT&T and with DTE will be provided to the Contractor upon award of the contract.
- l. Grounding for underground Network segments is required at every splice enclosure with a minimum of 8 (eight) feet of grounding rod. Grounding rods must meet applicable industry standard specifications.
- m. The Contractor must ensure adequate clearance exists between proposed fiber build and other utilities, ground, rail, roads, and water. At a minimum the Contractor is required to build conforming to NESC codes.
- n. The Contractor is also responsible to verify local utilities do not have more stringent clearance codes.
- o. The Contractor is responsible for adhering to all right-of-way and utility permitting terms and conditions as set forth in each right-of-way permit.
- p. Any construction changes must be pre-approved by the City of Ann Arbor and the City of Ann Arbor's design and planning contractor before commencing with said change. Redline edited drawings in AutoCAD format will be required to document any approved changes.
- q. If deficiencies and/or non-compliance issues are discovered by the City of Ann Arbor the Contractor is responsible for the correction.

- r. The Contractor is responsible for all jobsite cleanup and for removal of all spent fiber reels and other materials used during construction.
- s. Any modifications repairs or modifications involving Corning products must adhere to Corning warranty standards.

#### **B. CONSTRUCTION RESTORATION**

- a. The Contractor is responsible for the restoration of the work area, including landscaping, to its original condition after work is complete. Surrounding area must be filled, leveled, and compacted. If grass restoration is required, contractor must apply seed or hydro seed. If work cannot be completed due to unseasonal conditions, the work will be completed when feasible.

#### **C. UTILITY ENGINEERING FEES AND PERMITS**

- a. City Right-Of-Way utility fees will be paid directly by the City of Ann Arbor. Contractors are responsible to coordinate efforts with the utilities involved.

#### **D. MAKE READY FEES**

- a. Make ready fees will be paid directly by the City of Ann Arbor. Contractors are responsible to coordinate efforts with utilities involved.

#### **E. CABLE PULLING**

- a. Lateral connections will be spliced into the main fiber ring and will be terminated at a fiber distribution unit located at each location or predetermined termination point.
- b. Install the cable such that the optical and mechanical characteristics of the fiber are not degraded.
- c. The Contractor must comply with the manufacturer's recommended installation temperature, pulling tension and bend radius.
- d. Cables must not violate the minimum bend radius or the maximum tension, both during and after installation. Corner rollers (wheels), if used, must not have radii less than the minimum installation bending radius of the cable. A series array of smaller wheels can be used for accomplishing the bend if the cable manufacturer specifically approves the array.
- e. Use a clutch device to ensure the allowable pulling tension is not exceeded if the cable is pulled by mechanical means. Also, attach a strain gauge to the pulling line at the cable exit location, and at a sufficient distance from the take-up device such that the strain gauge can be read throughout the entire cable pulling operation.
- f. Cables should be fed directly in by hand or over large diameter bends to prevent kinks, small bends, sharp edges, and crossovers. Cable should also be fed out of each pull box in a fashion that minimizes bends. Sufficient slack should be left so that each cable may be trained to its final location free of stress and completely clear of hand-hole openings.
- g. The pulling tension should be continuously monitored to assure that the maximum recommended load is not exceeded. If the expected loads are close to maximum, additional pull boxes should be considered and/or the use of lubricants compatible with the outer jacket material of the cable.
- h. Use entry guide chutes to guide the cable into the pull-box conduit ports.
- i. Only lubricants approved by the cable manufacturer are permitted. Wipe the exposed cable in a pull box, junction box, or cabinet clean of cable lubricant with a cloth, after the cable has been installed.
- j. Fiber optic cable ends must be sealed to prevent the entry of water.

#### **F. CABLE LUBRICANT**

- a. For new conduit, lubrication of the conduit before pulling is required— particularly if there are several bends.

### **G. CABLE SPLICING**

- a. All splices must be fusions splices. Splices shall conform to ANSI/TIA/EIA standards.
- b. All fusion splices will have with a maximum loss of < 0.05 dB unidirectional loss using 1550 nm optical source, a maximum bi-directional average loss of <0.15 dB using 1550 nm optical source.
- c. Similarly, a maximum loss of < 0.3 dB unidirectional loss using 1310 nm optical source, and a maximum bi-directional average loss of <0.20 dB loss using a 1310 nm optical source, shall be achieved. Testing must use industry standard TIA-472D000-B and Measurement Method FOTP78. Refer to section "Acceptance and Testing" for specific requirements on testing.
- d. Each spliced fiber must be packaged in a heat shrinkable splice protection sleeve with strength member. The protection sleeve must cover the splice any bare fiber stripped of its coating. The use of RTV or silicone is strictly prohibited.

### **H. LABELING AND IDENTIFICATION**

- a. Identification labels must be supplied by the Contractor and installed by the Contractor(s) on the fiber in each hand-hole and at every point of attachment on utility poles per specifications from the pole owner, per the utility pole attachment agreements, and the City of Ann Arbor requirements listed below.
  - i. Aerial Cables – The Contractor is responsible for supplying and installing aerial cable markers per Utility company specifications and/or pole attachment agreements.
  - ii. Underground Cables and Splice Cables – The Contractor is responsible for supplying and installing underground cable markers identical to the City's original fiber network construction to identify cable ID or Code, cable type, strand count and distance in feet.

### **I. AERIAL CONSTRUCTION REQUIREMENTS**

- a. Grounding – The Contractor is responsible to ensure proper grounding, bonding, and that lightning protection is installed according to standards.
- b. Aerial Cable - All cable must be supported by support a strand (i.e., messenger cable) per industry standards.
- c. Aerial Cable Slack Requirements -150-foot maintenance loops are required every 1,500 feet, as specified in engineering drawings. Maintenance loops must be dressed and stored properly. All slack shall be physically protected.
- d. Provide aerial service loops with snowshoes in various locations (as specified on engineering drawings) to provide sufficient slack in the event that a repair becomes necessary.
- e. Aerial Cable Lashing - All cable lashing will be double-lashed with 0.038 inches, Type 302 austenitic, non-magnetic and thermally non-hardening stainless steel with a break strength of at least 115 pounds or 0.045 inch, Type 430 Magnetic, thermally non-hardening ferritic stainless steel with a break strength of at least 125 pounds.

### **J. UNDERGROUND CONSTRUCTION REQUIREMENTS**

- a. All fiber buried with directional boring must be a minimum of 4 (four) feet below grade.
- b. Newly installed conduits will be clear of all dirt, foreign matter, water, and debris before cable is installed.
- c. Conduit - For FON segments requiring new conduit installation that conduit must be 3 (three) inch diameter Dura-Line Smooth-wall HDPE Conduit or an equivalent. Provide as an option, conduit with Silicore-TM permanently lubricated lining so greater pulling and jetting distances can be achieved where necessary.
- d. Cables that are run through existing conduit cannot not go through the center of an existing slack loop of cable (fiber/electric/etc.) so as to render the existing slack loop useless, or so that it could not be taken out of the handhole and uncoiled.

- e. Conduits added to existing handholes, or new handholes, that enter through the side wall need to be concrete sealed so that mud/dirt does not fill the handholes over time. This includes locations where handholes are upgraded with existing infrastructure in place. All conduit entries and handhole cuts need to be sealed up.
- f. Upward angled conduits in handholes need to be at least 8 inches from the bottom of the lid – or some value similar to that to allow bend radius of cables.
- g. When conduits enter the handhole lower than the bottom lip, they need to have elbows, or sweeps, that get them above the bottom lip. This prevents dirt from getting in and plugging the conduit.
- h. Above Ground Markers - Above ground markers must be installed ~500 feet or a lesser line-of-site along burial path, depending on Network segment geography.
- i. Cable Slack Requirements - Throughout the underground cable plant, pull and store excess cable slack at designated intervals per the engineering drawings.
- j. The Contractor must provide adequate drainage for handholes using a stone-based material.
- k. All underground work needs to be inspected by the City before acceptance. The Contractor is responsible for correcting all deficiencies in their work.

#### **K. ABOVE-GROUND CABINET CONSTRUCTION**

- a. Install Corning Cross-Connect Cabinets according to manufacturer's specifications and the City of Ann Arbor's specifications.

#### **L. MATERIALS SPECIFICATIONS**

- a. ALL materials required will be supplied and installed by the Contractor, including the following materials, unless otherwise authorized by the City of Ann Arbor:
- b. Fiber Optic Cable
  - i. All fiber optic cables must be indoor/outdoor, plenum-rated cables for inter-building and intra-building backbones in aerial, duct, and riser applications. Deliver the cable on reels without splices. Ensure both ends of the cable are sealed to prevent moisture ingress.
- c. 144F Single Mode Fiber Cable
  - i. Provide CommScope® Outside Plant Single Jacket/Single Armor, Gel-Free, Dry-Lock, Outdoor Stranded Loose Tube Cable (Part # D- 144-LA-8W-F12NS), or an approved equivalent.
- d. 48F Single Mode Fiber Cable
  - i. Provide CommScope® Outside Plant Single Jacket/Single Armor, Gel-Free, Dry-Lock, Outdoor Stranded Loose Tube Cable (Part # D- 048-LA-8W-F12NS), or an approved equivalent.
- e. Communications Tracer wire
  - i. Encore Wire Corporation Tracer Wire HMWPE 45 MIL 600 Volt (UL) DIR – 14AWG
- f. Cable Connectors
  - i. LC connectors are required, providing a small form ceramic ferrule with 1.25 mm ferrule that are easily terminated with any adhesive.
- g. Cable Risers
  - i. FREEDOM tight-buffered cable, risers, 48F and 144F, single-mode (OS2), by Corning Optical Communications, or an approved equal.
  - ii. Risers need to be galvanized rigid conduit for the first 10' from grade going up. Then, Schedule 80 PVC is acceptable from that point going up the pole to the aerial attachment location.
- h. Splice Closures
  - i. Corning Optics Splice Closure Fiber (SCF) or equivalent, preloaded splice trays that are aerial and underground rated allowing up to 288 single fiber splices. The closure must provide ports for uncut feeder cables and ports for drop cables. The closure, in canister configuration, with a quick-seal

mechanical seal port, must allow for rapid and easy addition of cables after initial installation is complete.

- i. Conduit
  - i. Three-inch Dura-Line Smoothwall HDPE Conduit or an equivalent is required for each Network segment needing newly installed underground conduit. Dura-Line is made to Industry standards for power and communications applications. It can be installed using open trench methods, HDD (Horizontal Directional Drilled) plowed, or pulled into conduit. Price Smoothwall HDPE conduit with optional Silicore™ permanently lubricated lining, Smoothwall, so ducts can be maximized for greater pulling and jetting distances, reducing the coefficient of friction over standard HDPE conduit.
- j. Handholes
  - i. Quazite Handholes. All Handholes at splice locations and underground slack loop locations are 30"x48" double deep, cover test load ratings of 15,000/22,500, box test load rating of 22,500/33,750, minimum.
- k. Closet Connector Housing (CCH) and Patch Panels
  - i. Several locations will require CCHs and patch panels. CCHs provide interconnect or cross-connect capabilities between outside plant, riser or distribution cables and opto-electronics. See below for CCH specifications:

<b>Closet Connector Housing (CCH) and Patch Panels Specifications</b>		
<b>Item</b>	<b>Supplier</b>	<b>Description</b>
CCH-04U	Corning Optical	CLOSET CONN HSG 4U F/12 PNLs
WCH-02P	Corning Optical	Wall-MNTD CLST HOUS/2CCH PNL
CCH-01U	Corning Optical	CLOSET CONN HSG 1U F/2 PNLs
CCH-CP24-A9	Corning Optical	CCH PNL W/12 LC DUPLEX SM
CCH-CP12-A9	Corning Optical	CCH PNL W/6 LC DUPLEX SM

**M. ACCEPTANCE AND TESTING**

- a. The Contractor is required to construct per detailed engineering drawings that will be provided by the City of Ann Arbor after the Design and Planning is completed.
- b. Any deviation from the original design must be requested by the Contractor and approved by the City of Ann Arbor before the work is done.
- c. Deviations to splicing and/or site location terminations must be pre- approved by the City of Ann Arbor and then appropriately documented with red-line drawings and supporting documentation.
- d. All testing results are to be provided and accepted by Corning in order for the City to maintain its Corning warranty.
- e. The Contractor(s) is required to test the fiber after installation, including all splicing and termination, after completion. Test the fiber from end to end through any interconnections to ensure that the path is properly installed, and that polarization and routing are correct and documented. Out of specification deficiencies identified must be properly corrected per industry standards.

- f. For each network segment or fiber optic link, including spare fibers, determine whether the optical loss is within the limits permissible under applicable testing industry standards below.
- g. A link is defined as a continuous segment of fiber between one connector and another connector.
- h. When testing links that do not have connectors on both ends, the Contractor shall use a mechanical splice to attach a pigtail to the unterminated fiber for the duration of the test.
- i. The following industry testing standards shall be used to verify proper construction and installation:
  - i. Testing industry standard FOTP-78 (Fiber Optic Test Procedure) will be applied to all fiber splicing and unused fibers within the following parameters using the bidirectional method established by FOTP-78, as follows:
    - 1. All fusion splices will have less than 0.05 dB loss using 1550 nm optical source. The test will be bi-directional with no splice loss being greater than 0.05 dB. Since the test is bi-directional, the splice loss refers to the final loss value obtained once the test results are averaged at each splice; none being greater than 0.05 dB.
    - 2. Terminations will have loss less than 0.4 dB using 1550 nm and 1310 nm optical source. Testing methods will apply industry standard TIA-472D000-B Section 8.2.1 (Telecommunications Industry Association) using Optical Time Domain Reflectometer (OTDR) as the measurement device.
    - 3. No manual calculations of bi-directional averages are allowed.
    - 4. Record and document all splice losses and termination losses and submit to the City of Ann Arbor for approval.
  - ii. Perform OTDR testing which captures optical attenuation on all fibers after post installation. Optical attenuation performance shall meet or exceed standard TIA472D000-B Section 8.1 for single-mode fiber. The maximum optical attenuation loss cannot exceed 0.25 dB/km at 1550 and 0.35 dB/km 1310 nm testing.

#### **N. SPLICE TESTING DOCUMENTATION**

- a. Documentation of the fiber optic cable plant (test results) should follow ANSI/TIA/EIA-606 Administrative Standard for Telecommunications infrastructure of commercial Buildings. This documentation shall include the insertion loss data.

#### **O. DOCUMENTATION**

- a. Prepare diagrams showing all the links tested in this project. On each line representing a link, show the maximum allowable loss and the actual loss. Ensure the actual loss is the one measured after all corrective actions have been taken.
- b. Provide an OTDR trace for all fibers to document the location of the sources of optical loss in the cable (refer Acceptance and Testing).
- c. All Red-line drawings, field notes, documentation, submitted to City of Ann Arbor in a format acceptable to the City of Ann Arbor (e.g., Spatially-referenced AutoCAD files, GIS shapefile, etc.).
- d. Schematics and detailed circuit diagrams of all splice locations shall be provided in an acceptable format to the City of Ann Arbor.
- e. All fiber testing documentation must be provided to the City and Corning.

#### **P. WARRANTY AND WORKMANSHIP**

- a. The Contractor warrants that all materials furnished shall be new, and free from defects.
- b. The Contractor warrants that the materials and workmanship used in the construction are as herein specified and shall provide all material and labor required to make good any defects due to faulty materials or workmanship which become apparent within a one-year period from project completion.

- c. The equipment and materials manufacturers are expected to recognize that they are responsible for the failure of their products to perform in accordance with data furnished by them or their authorized representatives, as well as misrepresentations of such data.
- d. When the products have been installed in accordance to the manufacturer's published or written instructions and recommendations, and such products fail, the Contractor is responsible for replacement of the products and all associated work and materials without additional cost to the City of Ann Arbor.
- e. Contractor shall obtain and assign to the City of Ann Arbor warranties from the manufacturers of the materials it installs.
- f. Damage by vandals, fire, traffic accidents or "acts of God" are excluded from labor and materials warranty.



**ATTACHMENT B  
LEGAL STATUS OF OFFEROR**

(The Respondent shall fill out the provision and strike out the remaining ones.)

The Respondent is:

- A corporation organized and doing business under the laws of the state of \_\_\_\_\_, for whom \_\_\_\_\_ bearing the office title of \_\_\_\_\_, whose signature is affixed to this proposal, is authorized to execute contracts on behalf of respondent.\*

\*If not incorporated in Michigan, please attach the corporation's Certificate of Authority

- A limited liability company doing business under the laws of the State of \_\_\_\_\_, whom \_\_\_\_\_ bearing the title of \_\_\_\_\_ whose signature is affixed to this proposal, is authorized to execute contract on behalf of the LLC.
- A partnership organized under the laws of the State of \_\_\_\_\_ and filed with the County of \_\_\_\_\_, whose members are (attach list including street and mailing address for each.)
- An individual, whose signature with address, is affixed to this RFP.

Respondent has examined the basic requirements of this RFP and its scope of services, including all Addendum (if applicable) and hereby agrees to offer the services as specified in the RFP.

\_\_\_\_\_  
Signature Date: \_\_\_\_\_,

(Print) Name \_\_\_\_\_ Title \_\_\_\_\_

Firm: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_



**ATTACHMENT D  
CITY OF ANN ARBOR  
LIVING WAGE ORDINANCE DECLARATION OF COMPLIANCE**

The Ann Arbor Living Wage Ordinance (Section 1:811-1:821 of Chapter 23 of Title I of the Code) requires that an employer who is (a) a contractor providing services to or for the City for a value greater than \$10,000 for any twelve-month contract term, or (b) a recipient of federal, state, or local grant funding administered by the City for a value greater than \$10,000, or (c) a recipient of financial assistance awarded by the City for a value greater than \$10,000, shall pay its employees a prescribed minimum level of compensation (i.e., Living Wage) for the time those employees perform work on the contract or in connection with the grant or financial assistance. The Living Wage must be paid to these employees for the length of the contract/program.

*Companies employing fewer than 5 persons and non-profits employing fewer than 10 persons are exempt from compliance with the Living Wage Ordinance. If this exemption applies to your company/non-profit agency please check here  No. of employees\_\_*

The Contractor or Grantee agrees:

- (a) To pay each of its employees whose wage level is not required to comply with federal, state or local prevailing wage law, for work covered or funded by a contract with or grant from the City, no less than the Living Wage. The current Living Wage is defined as \$14.82/hour for those employers that provide employee health care (as defined in the Ordinance at Section 1:815 Sec. 1 (a)), or no less than \$16.52/hour for those employers that do not provide health care. The Contractor or Grantor understands that the Living Wage is adjusted and established annually on April 30 in accordance with the Ordinance and covered employers shall be required to pay the adjusted amount thereafter to be in compliance with Section 1:815(3).

**Check the applicable box below which applies to your workforce**

Employees who are assigned to any covered City contract/grant will be paid at or above the applicable living wage without health benefits

Employees who are assigned to any covered City contract/grant will be paid at or above the applicable living wage with health benefits

- (b) To post a notice approved by the City regarding the applicability of the Living Wage Ordinance in every work place or other location in which employees or other persons contracting for employment are working.
- (c) To provide to the City payroll records or other documentation within ten (10) business days from the receipt of a request by the City.
- (d) To permit access to work sites to City representatives for the purposes of monitoring compliance, and investigating complaints or non-compliance.
- (e) To take no action that would reduce the compensation, wages, fringe benefits, or leave available to any employee covered by the Living Wage Ordinance or any person contracted for employment and covered by the Living Wage Ordinance in order to pay the living wage required by the Living Wage Ordinance.

The undersigned states that he/she has the requisite authority to act on behalf of his/her employer in these matters and has offered to provide the services or agrees to accept financial assistance in accordance with the terms of the Living Wage Ordinance. The undersigned certifies that he/she has read and is familiar with the terms of the Living Wage Ordinance, obligates the Employer/Grantee to those terms and acknowledges that if his/her employer is found to be in violation of Ordinance it may be subject to civil penalties and termination of the awarded contract or grant of financial assistance.

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
City, State, Zip

\_\_\_\_\_  
Print Name and Title

\_\_\_\_\_  
Phone/Email address



**ATTACHMENT E**

<b>VENDOR CONFLICT OF INTEREST DISCLOSURE FORM</b>
--

All vendors interested in conducting business with the City of Ann Arbor must complete and return the Vendor Conflict of Interest Disclosure Form in order to be eligible to be awarded a contract. Please note that all vendors are subject to comply with the City of Ann Arbor's conflict of interest policies as stated within the certification section below.

If a vendor has a relationship with a City of Ann Arbor official or employee, an immediate family member of a City of Ann Arbor official or employee, the vendor shall disclose the information required below.

1. No City official or employee or City employee's immediate family member has an ownership interest in vendor's company or is deriving personal financial gain from this contract.
2. No retired or separated City official or employee who has been retired or separated from the City for less than one (1) year has an ownership interest in vendor's Company.
3. No City employee is contemporaneously employed or prospectively to be employed with the vendor.
4. Vendor hereby declares it has not and will not provide gifts or hospitality of any dollar value or any other gratuities to any City employee or elected official to obtain or maintain a contract.
5. Please note any exceptions below:

<b>Conflict of Interest Disclosure*</b>	
Name of City of Ann Arbor employees, elected officials or immediate family members with whom there may be a potential conflict of interest.	<input type="checkbox"/> Relationship to employee <hr/> <input type="checkbox"/> Interest in vendor's company <input type="checkbox"/> Other (please describe in box below)

\*Disclosing a potential conflict of interest does not disqualify vendors. In the event vendors do not disclose potential conflicts of interest and they are detected by the City, vendor will be exempt from doing business with the City.

<b>I certify that this Conflict of Interest Disclosure has been examined by me and that its contents are true and correct to my knowledge and belief and I have the authority to so certify on behalf of the Vendor by my signature below:</b>		
<b>Vendor Name</b>	<b>Vendor Phone Number</b>	
<b>Signature of Vendor Authorized Representative</b>	<b>Date</b>	<b>Printed Name of Vendor Authorized Representative</b>

**ATTACHMENT F  
CITY OF ANN ARBOR NON-DISCRIMINATION ORDINANCE**

Relevant provisions of Chapter 112, Nondiscrimination, of the Ann Arbor City Code are included below.  
You can review the entire ordinance at [www.a2gov.org/humanrights](http://www.a2gov.org/humanrights).

**Intent:** It is the intent of the city that no individual be denied equal protection of the laws; nor shall any individual be denied the enjoyment of his or her civil or political rights or be discriminated against because of actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight.

**Discriminatory Employment Practices:** No person shall discriminate in the hire, employment, compensation, work classifications, conditions or terms, promotion or demotion, or termination of employment of any individual. No person shall discriminate in limiting membership, conditions of membership or termination of membership in any labor union or apprenticeship program.

**Discriminatory Effects:** No person shall adopt, enforce or employ any policy or requirement which has the effect of creating unequal opportunities according to actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight for an individual to obtain housing, employment or public accommodation, except for a bona fide business necessity. Such a necessity does not arise due to a mere inconvenience or because of suspected objection to such a person by neighbors, customers or other persons.

**Nondiscrimination by City Contractors:** All contractors proposing to do business with the City of Ann Arbor shall satisfy the contract compliance administrative policy adopted by the City Administrator in accordance with the guidelines of this section. All city contractors shall ensure that applicants are employed and that employees are treated during employment in a manner which provides equal employment opportunity and tends to eliminate inequality based upon any classification protected by this chapter. All contractors shall agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of any applicable protected classification. All contractors shall be required to post a copy of Ann Arbor's Non-Discrimination Ordinance at all work locations where its employees provide services under a contract with the city.

**Complaint Procedure:** If any individual believes there has been a violation of this chapter, he/she may file a complaint with the City's Human Rights Commission. The complaint must be filed within 180 calendar days from the date of the individual's knowledge of the allegedly discriminatory action or 180 calendar days from the date when the individual should have known of the allegedly discriminatory action. A complaint that is not filed within this timeframe cannot be considered by the Human Rights Commission. To file a complaint, first complete the complaint form, which is available at [www.a2gov.org/humanrights](http://www.a2gov.org/humanrights). Then submit it to the Human Rights Commission by e-mail ([hrc@a2gov.org](mailto:hrc@a2gov.org)), by mail (Ann Arbor Human Rights Commission, PO Box 8647, Ann Arbor, MI 48107), or in person (City Clerk's Office). For further information, please call the commission at 734-794-6141 or e-mail the commission at [hrc@a2gov.org](mailto:hrc@a2gov.org).

**Private Actions For Damages or Injunctive Relief:** To the extent allowed by law, an individual who is the victim of discriminatory action in violation of this chapter may bring a civil action for appropriate injunctive relief or damages or both against the person(s) who acted in violation of this chapter.

**THIS IS AN OFFICIAL GOVERNMENT NOTICE AND  
MUST BE DISPLAYED WHERE EMPLOYEES CAN READILY SEE IT.**

ATTACHMENT G

CITY OF ANN ARBOR LIVING WAGE ORDINANCE

**RATE EFFECTIVE APRIL 30, 2022 - ENDING APRIL 29, 2023**

**\$14.82 per hour**

If the employer provides health care benefits\*

**\$16.52 per hour**

If the employer does **NOT** provide health care benefits\*

Employers providing services to or for the City of Ann Arbor or recipients of grants or financial assistance from the City of Ann Arbor for a value of more than \$10,000 in a twelve-month period of time must pay those employees performing work on a City of Ann Arbor contract or grant, the above living wage.

**ENFORCEMENT**

The City of Ann Arbor may recover back wages either administratively or through court action for the employees that have been underpaid in violation of the law. Persons denied payment of the living wage have the right to bring a civil action for damages in addition to any action taken by the City.

Violation of this Ordinance is punishable by fines of not more than \$500/violation plus costs, with each day being considered a separate violation. Additionally, the City of Ann Arbor has the right to modify, terminate, cancel or suspend a contract in the event of a violation of the Ordinance.

\* Health Care benefits include those paid for by the employer or making an employer contribution toward the purchase of health care. The employee contribution must not exceed \$.50 an hour for an average work week; and the employer cost or contribution must equal no less than \$1/hr for the average work week.

**The Law Requires Employers to Display This Poster Where Employees Can Readily See It.**

**For Additional Information or to File a Complaint contact  
Colin Spencer at 734/794-6500 or [cspencer@a2gov.org](mailto:cspencer@a2gov.org)**

**APPENDIX A**  
**SAMPLE PROFESSIONAL SERVICES AGREEMENT**

*If a contract is awarded, the selected Firm(s) will be required to adhere to a set of general contract provisions which will become a part of any formal agreement. These provisions are general principles which apply to all contractors/service providers to the City of Ann Arbor. The required provisions are:*

(2020 PSA over \$25,000 NO Auto AI Rev. 1)

This agreement ("Agreement") is between the City of Ann Arbor, a Michigan municipal corporation, having its offices at 301 E. Huron St. Ann Arbor, Michigan 48104 ("City"), and \_\_\_\_\_ ("Contractor"), a(n) \_\_\_\_\_, with its address at \_\_\_\_\_ (State where organized) \_\_\_\_\_ (Partnership, Sole Proprietorship, or Corporation). City and Contractor are referred to collectively herein as the "Parties." The Parties agree as follows:

**I. DEFINITIONS**

Administering Service Area/Unit means \_\_\_\_\_.

Contract Administrator means \_\_\_\_\_, acting personally or through any assistants authorized by the Administrator/Manager of the Administering Service Area/Unit.

Deliverables means all Plans, Specifications, Reports, Recommendations, and other materials developed for and delivered to City by Contractor under this Agreement.

Project means \_\_\_\_\_.  
Project name

**II. DURATION**

Contractor shall commence performance on \_\_\_\_\_, 20\_\_ ("Commencement Date"). This Agreement shall remain in effect until satisfactory completion of the Services specified below unless terminated as provided for in Article XI. The terms and conditions of this Agreement shall apply to the earlier of the Effective Date or Commencement Date.

**III. SERVICES**

A. The Contractor agrees to provide \_\_\_\_\_  
Type of service

("Services") in connection with the Project as described in Exhibit A. The City retains the right to make changes to the quantities of service within the general scope of the Agreement at any time by a written order. If the changes add to or

deduct from the extent of the services, the compensation shall be adjusted accordingly. All such changes shall be executed under the conditions of the original Agreement.

- B. Quality of Services under this Agreement shall be of the level of quality performed by persons regularly rendering this type of service. Determination of acceptable quality shall be made solely by the Contract Administrator.
- C. The Contractor shall perform its Services for the Project in compliance with all statutory, regulatory, and contractual requirements now or hereafter in effect as may be applicable to the rights and obligations set forth in the Agreement. The Contractor shall also comply with and be subject to the City of Ann Arbor policies applicable to independent contractors.
- D. The Contractor may rely upon the accuracy of reports and surveys provided to it by the City (if any) except when defects should have been apparent to a reasonably competent professional or when it has actual notice of any defects in the reports and surveys.

#### **IV. INDEPENDENT CONTRACTOR**

The Parties agree that at all times and for all purposes under the terms of this Agreement each Party's relationship to any other Party shall be that of an independent contractor. Each Party will be solely responsible for the acts of its own employees, agents, and servants. No liability, right, or benefit arising out of any employer/employee relationship, either express or implied, shall arise or accrue to any Party as a result of this Agreement.

Contractor does not have any authority to execute any contract or agreement on behalf of the City, and is not granted any authority to assume or create any obligation or liability on the City's behalf, or to bind the City in any way.

#### **V. COMPENSATION OF CONTRACTOR**

- A. The Contractor shall be paid in the manner set forth in Exhibit B. Payment shall be made monthly, unless another payment term is specified in Exhibit B, following receipt of invoices submitted by the Contractor, and approved by the Contract Administrator.
- B. The Contractor will be compensated for Services performed in addition to the Services described in Article III, only when the scope of and compensation for those additional Services have received prior written approval of the Contract Administrator.
- C. The Contractor shall keep complete records of work performed (e.g. tasks performed, hours allocated, etc.) so that the City may verify invoices submitted by the Contractor. Such records shall be made available to the City upon request and submitted in summary form with each invoice.



## VI. INSURANCE/INDEMNIFICATION

- A. The Contractor shall procure and maintain from the Effective Date or Commencement Date of this Agreement (whichever is earlier) through the conclusion of this Agreement, such insurance policies, including those set forth in Exhibit C, as will protect itself and the City from all claims for bodily injuries, death or property damage that may arise under this Agreement; whether the act(s) or omission(s) giving rise to the claim were made by the Contractor, any subcontractor, or anyone employed by them directly or indirectly. Prior to commencement of work under this Agreement, Contractor shall provide to the City documentation satisfactory to the City, through City-approved means (currently myCOI), demonstrating it has obtained the policies and endorsements required by Exhibit C. Contractor shall add registration@mycoitracking.com to its safe sender's list so that it will receive necessary communication from myCOI. When requested, Contractor shall provide the same documentation for its subcontractor(s) (if any).
  
- B. Any insurance provider of Contractor shall be authorized to do business in the State of Michigan and shall carry and maintain a minimum rating assigned by A.M. Best & Company's Key Rating Guide of "A-" Overall and a minimum Financial Size Category of "V". Insurance policies and certificates issued by non-authorized insurance companies are not acceptable unless approved in writing by the City.
  
- C. To the fullest extent permitted by law, Contractor shall indemnify, defend, and hold the City, its officers, employees and agents harmless from all suits, claims, judgments and expenses, including attorney's fees, resulting or alleged to result, from any acts or omissions by Contractor or its employees and agents occurring in the performance of or breach in this Agreement, except to the extent that any suit, claim, judgment or expense are finally judicially determined to have resulted from the City's negligence or willful misconduct or its failure to comply with any of its material obligations set forth in this Agreement.

## VII. COMPLIANCE REQUIREMENTS

- A. Nondiscrimination. The Contractor agrees to comply, and to require its subcontractor(s) to comply, with the nondiscrimination provisions of MCL 37.2209. The Contractor further agrees to comply with the provisions of Section 9:158 of Chapter 112 of the Ann Arbor City Code and to assure that applicants are employed and that employees are treated during employment in a manner which provides equal employment opportunity.

- B. Living Wage. If the Contractor is a “covered employer” as defined in Chapter 23 of the Ann Arbor City Code, the Contractor agrees to comply with the living wage provisions of Chapter 23 of the Ann Arbor City Code. The Contractor agrees to pay those employees providing Services to the City under this Agreement a “living wage,” as defined in Section 1:815 of the Ann Arbor City Code, as adjusted in accordance with Section 1:815(3); to post a notice approved by the City of the applicability of Chapter 23 in every location in which regular or contract employees providing services under this Agreement are working; to maintain records of compliance; if requested by the City, to provide documentation to verify compliance; to take no action that would reduce the compensation, wages, fringe benefits, or leave available to any employee or person contracted for employment in order to pay the living wage required by Section 1:815; and otherwise to comply with the requirements of Chapter 23.

#### **VIII. WARRANTIES BY THE CONTRACTOR**

- A. The Contractor warrants that the quality of its Services under this Agreement shall conform to the level of quality performed by persons regularly rendering this type of service.
- B. The Contractor warrants that it has all the skills, experience, and professional licenses (if applicable) necessary to perform the Services pursuant to this Agreement.
- C. The Contractor warrants that it has available, or will engage, at its own expense, sufficient trained employees to provide the Services pursuant to this Agreement.
- D. The Contractor warrants that it has no personal or financial interest in the Project other than the fee it is to receive under this Agreement. The Contractor further certifies that it shall not acquire any such interest, direct or indirect, which would conflict in any manner with the performance of the Services it is to provide pursuant to this Agreement. Further Contractor agrees and certifies that it does not and will not employ or engage any person with a personal or financial interest in this Agreement.
- E. The Contractor warrants that it is not, and shall not become overdue or in default to the City for any contract, debt, or any other obligation to the City including real and personal property taxes. Further Contractor agrees that the City shall have the right to set off any such debt against compensation awarded for Services under this Agreement.
- F. The Contractor warrants that its proposal for services was made in good faith, it arrived at the costs of its proposal independently, without consultation, communication or agreement, for the purpose of restricting completion as to any matter relating to such fees with any competitor for these Services; and no attempt has been made or shall be made by the Contractor to induce any other person or firm to submit or not to submit a proposal for the purpose of restricting competition.

- G. The person signing this Agreement on behalf of Contractor represents and warrants that she/he has express authority to sign this Agreement for Contractor and agrees to hold the City harmless for any costs or consequences of the absence of actual authority to sign.

**IX. OBLIGATIONS OF THE CITY**

- A. The City agrees to give the Contractor access to the Project area and other City-owned properties as required to perform the necessary Services under this Agreement.
- B. The City shall notify the Contractor of any defects in the Services of which the Contract Administrator has actual notice.

**X. ASSIGNMENT**

- A. The Contractor shall not subcontract or assign any portion of any right or obligation under this Agreement without prior written consent from the City. Notwithstanding any consent by the City to any assignment, Contractor shall at all times remain bound to all warranties, certifications, indemnifications, promises and performances, however described, as are required of it under the Agreement unless specifically released from the requirement, in writing, by the City.
- B. The Contractor shall retain the right to pledge payment(s) due and payable under this Agreement to third parties.

**XI. TERMINATION OF AGREEMENT**

- A. If either party is in breach of this Agreement for a period of fifteen (15) days following receipt of notice from the non-breaching party with respect to a breach, the non-breaching party may pursue any remedies available to it against the breaching party under applicable law, including but not limited to, the right to terminate this Agreement without further notice. The waiver of any breach by any party to this Agreement shall not waive any subsequent breach by any party.
- B. The City may terminate this Agreement, on at least thirty (30) days advance notice, for any reason, including convenience, without incurring any penalty, expense or liability to Contractor, except the obligation to pay for Services actually performed under the Agreement before the termination date.
- C. Contractor acknowledges that, if this Agreement extends for several fiscal years, continuation of this Agreement is subject to appropriation of funds for this Project. If funds to enable the City to effect continued payment under this Agreement are not appropriated or otherwise made available, the City shall have the right to terminate this Agreement without penalty at the end of the last period for which funds have been appropriated or otherwise made available by giving written notice of termination to Contractor. The Contract Administrator shall give Contractor written notice of such non-appropriation within thirty (30) days after it receives

notice of such non-appropriation.

- D. The provisions of Articles VI and VIII shall survive the expiration or earlier termination of this Agreement for any reason. The expiration or termination of this Agreement, for any reason, shall not release either party from any obligation or liability to the other party, including any payment obligation that has already accrued and Contractor's obligation to deliver all Deliverables due as of the date of termination of the Agreement.

## **XII. REMEDIES**

- A. This Agreement does not, and is not intended to, impair, divest, delegate or contravene any constitutional, statutory and/or other legal right, privilege, power, obligation, duty or immunity of the Parties.
- B. All rights and remedies provided in this Agreement are cumulative and not exclusive, and the exercise by either party of any right or remedy does not preclude the exercise of any other rights or remedies that may now or subsequently be available at law, in equity, by statute, in any agreement between the parties or otherwise.
- C. Absent a written waiver, no act, failure, or delay by a Party to pursue or enforce any rights or remedies under this Agreement shall constitute a waiver of those rights with regard to any existing or subsequent breach of this Agreement. No waiver of any term, condition, or provision of this Agreement, whether by conduct or otherwise, in one or more instances, shall be deemed or construed as a continuing waiver of any term, condition, or provision of this Agreement. No waiver by either Party shall subsequently effect its right to require strict performance of this Agreement.

## **XIII. NOTICE**

All notices and submissions required under this Agreement shall be delivered to the respective party in the manner described herein to the address stated below or such other address as either party may designate by prior written notice to the other. Notices given under this Agreement shall be in writing and shall be personally delivered, sent by next day express delivery service, certified mail, or first class U.S. mail postage prepaid, and addressed to the person listed below. Notice will be deemed given on the date when one of the following first occur: (1) the date of actual receipt; (2) the next business day when notice is sent next day express delivery service or personal delivery; or (3) three days after mailing first class or certified U.S. mail.

If Notice is sent to the CONTRACTOR, it shall be addressed and sent to:



sensitive, proprietary or otherwise confidential information of a non-public nature that, if known to another client of the Contractor, could be used in any such other matter by the other client to the material disadvantage of the City. Each matter will be reviewed on a case by case basis.

#### **XVII. SEVERABILITY OF PROVISIONS**

Whenever possible, each provision of this Agreement will be interpreted in a manner as to be effective and valid under applicable law. However, if any provision of this Agreement or the application of any provision to any party or circumstance will be prohibited by or invalid under applicable law, that provision will be ineffective to the extent of the prohibition or invalidity without invalidating the remainder of the provisions of this Agreement or the application of the provision to other parties and circumstances.

#### **XVIII. EXTENT OF AGREEMENT**

This Agreement, together Exhibits A, B, and C, constitutes the entire understanding between the City and the Contractor with respect to the subject matter of the Agreement and it supersedes, unless otherwise incorporated by reference herein, all prior representations, negotiations, agreements or understandings whether written or oral. Neither party has relied on any prior representations, of any kind or nature, in entering into this Agreement. No terms or conditions of either party's invoice, purchase order or other administrative document shall modify the terms and conditions of this Agreement, regardless of the other party's failure to object to such form. This Agreement shall be binding on and shall inure to the benefit of the parties to this Agreement and their permitted successors and permitted assigns and nothing in this Agreement, express or implied, is intended to or shall confer on any other person or entity any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of this Agreement. This Agreement may only be altered, amended or modified by written amendment signed by the Contractor and the City. This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement.

#### **XIX. ELECTRONIC TRANSACTION**

The parties agree that signatures on this Agreement may be delivered electronically in lieu of an original signature and agree to treat electronic signatures as original signatures that bind them to this Agreement. This Agreement may be executed and delivered by facsimile and upon such delivery, the facsimile signature will be deemed to have the same effect as if the original signature had been delivered to the other party.

#### **XX. EFFECTIVE DATE**

This Agreement will become effective when all parties have signed it. The Effective Date of this Agreement will be the date this Agreement is signed by the last party to sign it.

**[REMAINDER OF PAGE LEFT BLANK; SIGNATURE PAGE FOLLOWS]**

**FOR CONTRACTOR**

By \_\_\_\_\_  
Type Name

Its

Date: \_\_\_\_\_

**FOR THE CITY OF ANN ARBOR**

By \_\_\_\_\_  
Christopher Taylor, Mayor

By \_\_\_\_\_  
Jacqueline Beaudry, City Clerk

Date: \_\_\_\_\_

**Approved as to substance**

\_\_\_\_\_  
Type Name  
Service Area Administrator

\_\_\_\_\_  
Milton Dohoney, Jr., Interim City  
Administrator

**Approved as to form and content**

\_\_\_\_\_  
, City Attorney

**EXHIBIT B  
COMPENSATION / FEE PROPOSAL SCHEDULE**

General

Contractor shall be paid for those Services performed pursuant to this Agreement inclusive of all reimbursable expenses (if applicable), in accordance with the terms and conditions herein. The Compensation / Fee Proposal Schedule below/attached states nature and amount of compensation the Contractor may charge the City:

<b>Item Number</b>	<b>Item Category</b>	<b>Item Description</b>	<b>Comments</b>	<b>Cost</b>	<b>Unit</b>
1	Routine Maintenance: Non-emergency	Aerial or underground maintenance. Normal business hours			Hourly rate per person
2	Emergency Restoration	Aerial or underground on-demand maintenance 24x7x365.			Hourly rate per person
3	Routine Maintenance: Non-emergency	Fiber Splicing. Normal business hours.			Hourly rate per person
4	Emergency Restoration	Fiber Splicing 24x7x365.			Hourly rate per person
5	Emergency Restoration	Network locating services 24x7x365. **The city will perform locating services for routine maintenance.			Per Incident
6	Proactive annual ride out inspection	Annual Inspection			Cost per inspection
7	Routine Maintenance	Tree trimming of aerial sections			Cost per "x" years
8	Routine Maintenance	Right-of-way permitting			Hourly Rate
9	Routine Maintenance	Underground Boring			Per Foot



10	Emergency Restoration	Underground Boring			Per Foot
11	Routine Maintenance	Aerial Construction			Per Foot
12	Emergency Restoration	Aerial Construction			Per Foot
13	Routine Maintenance	Handhole replacement			Per Unit
14	Emergency Restoration	Handhole replacement			Per Unit
15	Emergency Restoration	4-hour response, 8-hour repair of a 48-count SMF fiber cable			Per Incident
16	Emergency Restoration	4-hour response, 8-hour repair of a 144-count SMF fiber cable			Per Incident
17	Emergency Restoration	4-hour response, 8-hour repair of a 432-count SMF fiber cable			Per Incident
18	Emergency Restoration	4-hour response, 12-hour repair of a 48-count SMF fiber cable			Per Incident
19	Emergency Restoration	4-hour response, 12-hour repair of a 144-count SMF fiber cable			Per Incident
20	Emergency Restoration	4-hour response, 12-hour repair of a 432-count SMF fiber cable			Per Incident

**EXHIBIT C  
INSURANCE REQUIREMENTS**

From the earlier of the Effective Date or the Commencement Date of this Agreement, and continuing without interruption during the term of this Agreement, Contractor shall have, at a minimum, the following insurance, including all endorsements necessary for Contractor to have or provide the required coverage.

A. The Contractor shall have insurance that meets the following minimum requirements:

1. Professional Liability Insurance or Errors and Omissions Insurance protecting the Contractor and its employees in an amount not less than \$1,000,000.
2. Worker's Compensation Insurance in accordance with all applicable state and federal statutes. Further, Employers Liability Coverage shall be obtained in the following minimum amounts:  
  
Bodily Injury by Accident - \$500,000 each accident  
Bodily Injury by Disease - \$500,000 each employee  
Bodily Injury by Disease - \$500,000 each policy limit
3. Commercial General Liability Insurance equivalent to, as a minimum, Insurance Services Office form CG 00 01 04 13 or current equivalent. The City of Ann Arbor shall be an additional insured. There shall be no added exclusions or limiting endorsements that diminish the City's protections as an additional insured under the policy. Further, the following minimum limits of liability are required:  
  
\$1,000,000 Each occurrence as respect Bodily Injury Liability or Property Damage Liability, or both combined  
\$2,000,000 Per Project General Aggregate  
\$1,000,000 Personal and Advertising Injury
4. Motor Vehicle Liability Insurance equivalent to, as a minimum, Insurance Services Office form CA 00 01 10 13 or current equivalent. Coverage shall include all owned vehicles, all non-owned vehicles and all hired vehicles. There shall be no added exclusions or limiting endorsements that diminish the City's protections as an additional insured under the policy. Further, the limits of liability shall be \$1,000,000 for each occurrence as respects Bodily Injury Liability or Property Damage Liability, or both combined.
5. Umbrella/Excess Liability Insurance shall be provided to apply in excess of the Commercial General Liability, Employers Liability and the Motor Vehicle coverage enumerated above, for each occurrence and for aggregate in the amount of \$1,000,000.

- B. Insurance required under A.3 and A.4 above shall be considered primary as respects any other valid or collectible insurance that the City may possess, including any self-insured retentions the City may have; and any other insurance the City does possess shall be considered excess insurance only and shall not be required to contribute with this insurance. Further, the Contractor agrees to waive any right of recovery by its insurer against the City for any insurance listed herein.
  
- C. Insurance companies and policy forms are subject to approval of the City Attorney, which approval shall not be unreasonably withheld. Documentation must provide and demonstrate an unconditional and unqualified 30-day written notice of cancellation in favor of the City of Ann Arbor. Further, the documentation must explicitly state the following: (a) the policy number(s); name of insurance company; name(s), email address(es), and address(es) of the agent or authorized representative; name and address of insured; project name; policy expiration date; and specific coverage amounts; (b) any deductibles or self-insured retentions, which may be approved by the City in its sole discretion; (c) that the policy conforms to the requirements specified. Contractor shall furnish the City with satisfactory certificates of insurance and endorsements prior to commencement of any work. If any of the above coverages expire by their terms during the term of this Agreement, the Contractor shall deliver proof of renewal and/or new policies and endorsements to the Administering Service Area/Unit at least ten days prior to the expiration date.