

**AGREEMENT FOR FIBER OPTIC ENGINEERING, DESIGN, MATERIAL,
SUPPLIES, AND INSTALLATION
(Utilizing the Palm Beach County Contract)**

THIS AGREEMENT FOR FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES, AND INSTALLATION (“Agreement”) is made as of the _____, 2022, by and between the **CITY OF LAKE WORTH BEACH**, 7 N. Dixie Highway, Lake Worth Beach, FL 33460, a Florida municipal corporation organized and existing under the laws of the State of Florida, (“CITY”), and **PRECISION CONTRACTING SERVICES, INC.**, corporation authorized to do business in the State of Florida, whose address is 15834 Guild Court, Jupiter Fl 33478 (“CONTRACTOR”).

WHEREAS, the CITY’s Electric Utility department is in need of fiber optic engineering, design, material, supplies and installation services; and

WHEREAS, on October 23, 2019, Palm Beach County Board of Commissioners (“County”) awarded a contract for fiber optic engineering, design, material, supplies, and installation under Solicitation #19-065/HS to the Contractor (“County Contract”); and

WHEREAS, the CITY has requested and the CONTRACTOR and the County have agreed to extend the terms and conditions of the County Contract to the CITY for fiber optic engineering, design, material, supplies and installation; and,

WHEREAS, the CITY has reviewed the unit prices from the County Contract and determined that the County Contract unit prices are competitive and will result in the best value to the CITY; and,

WHEREAS, the CITY has determined that entering this Agreement is in the best interests of the CITY and serves a valid public purpose.

NOW THEREFORE, in consideration of the mutual promises set forth herein, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

ARTICLE 1. GENERAL INFORMATION.

1. **Recitals.** The parties agree that the recitals set forth above are true and correct and are fully incorporated herein by reference.

2. **Palm Beach County Contract.** The County Contract, which includes Solicitation No.: 19-065/HS and any amendments executed by the County and the CONTRACTOR, is hereby incorporated by reference into and expressly made a part of this Agreement as if set forth at length herein. The term of this Agreement shall be consistent with the term of the County Contract (valid until October 23, 2022 unless extended). The CITY Manager may approve and execute extensions of this Agreement consistent with the County Contract.

3. **Task Orders.** This Agreement does not guarantee that the CITY will utilize the CONTRACTOR in any capacity or for any services hereunder. When the City identifies a need for the Contractor’s services, the City will request a proposal from the Contractor to provide the services requested. The City will provide the Contractor with plans and/or specifications in order for the Contractor to develop its proposal. The Contractor’s proposal shall be submitted in the format of the sample task order, attached hereto and incorporated herein as **Exhibit “A”** along with a copy of the Contractor’s proposal and shall be based on the unit prices set forth in the County Contract. Upon receipt of the Contractor’s proposed task order and proposal, the City shall decide in its sole discretion whether to award the task order to the Contractor.

Depending on the lump sum amount of each task order, the task order may be awarded by the City Manager (if within his or her purchasing authority - currently not to exceed \$50,000) or the City Commission. If the task order is approved by the City, the Contractor shall commence the identified services upon the City's approval of the work order for the services and issuance of a notice to proceed. For each issued task order, the Contractor shall provide the City with a certificate of compliance with the Trench Safety Act (if applicable). Each approved task order shall be incorporated into this Agreement and made a part hereof. The City reserves the right to reject any and all proposals submitted by the Contractor. A City-approved task order shall include (by reference) the plans and/or specifications provided by the City to the Contractor.

4. Conflict of Terms and Conditions. Conflicts between documents that make up this Agreement shall be resolved in the following order of precedence:

- a. Specifications and scope of work set forth in CITY issued task order(s);
- b. This Agreement; and,
- b. The County Contract.

5. Compensation to CONTRACTOR. CONTRACTOR shall submit itemized invoices to the CITY for review and approval by the CITY's representative, indicating that all goods and services have been provided and rendered in conformity with this Agreement and then will be sent to the Finance Department for payment. The invoices will reflect the rates to be charged under the County Contract, which are attached as **Exhibit "B"** to this Agreement for ease of reference. Invoices will normally be paid within thirty (30) days following the CITY representative's approval. If the CITY disputes any invoice or part of an invoice, CITY shall notify the CONTRACTOR within a reasonable time after receipt of the invoice. CITY reserves the right to off-set, reduce or withhold any payment to the CONTRACTOR until the dispute is resolved.

6. Miscellaneous Provisions.

- A. This Agreement shall be governed by the laws of the State of Florida. Any and all legal action necessary to enforce this Agreement will be held exclusively in Palm Beach County. No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity or by statute or otherwise. No single or partial exercise by any party of any right, power, or remedy hereunder shall preclude any other or further exercise thereof.
- B. Except for any obligation of the CONTRACTOR to indemnify the CITY, if any legal action or other proceeding is brought for the enforcement of this Agreement, or because of an alleged dispute, breach, default or misrepresentation in connection with any provisions of this Agreement, each party shall be liable and responsible for their own attorney's fees incurred in that enforcement action, dispute, breach, default or misrepresentation. FURTHER, TO ENCOURAGE PROMPT AND EQUITABLE RESOLUTION OF ANY LITIGATION, EACH PARTY HEREBY WAIVES ITS RIGHTS TO A TRIAL BY JURY IN ANY LITIGATION RELATED TO THIS AGREEMENT.
- C. If any term or provision of this Agreement, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, to remainder of this Agreement, or the application of such terms or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Agreement shall be deemed valid and enforceable to the extent permitted by law.
- D. All notices required in this Agreement shall be sent by certified mail, return receipt requested or by nationally recognized overnight courier, and sent to the addresses appearing on the first page of this Agreement. Notices to the CITY shall be to the attention of the City Manager.

- E. The CITY and the CONTRACTOR agree that this Agreement (including the terms and conditions of the County Contract) sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. None of the provisions, terms and conditions contained in this Agreement may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto. Any provision of this Agreement which is of a continuing nature or imposes an obligation which extends beyond the term of this Agreement shall survive its expiration or earlier termination.
- F. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, and will become effective and binding upon the parties as of the effective date at such time as all the signatories hereto have signed a counterpart of this Agreement. This Agreement may be executed electronically.
- G. If any term or provision of this Agreement, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, to remainder of this Agreement, or the application of such terms or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Agreement shall be deemed valid and enforceable to the extent permitted by law.
- H. This Agreement shall not be construed more strongly against either party regardless of who was more responsible for its preparation.
- I. In accordance with Palm Beach County ordinance number 2011-009, the CONTRACTOR acknowledges that this Agreement may be subject to investigation and/or audit by the Palm Beach County Inspector General. The CONTRACTOR has reviewed Palm Beach County ordinance number 2011-009 and is aware of its rights and/or obligations under such ordinance.
- J. PUBLIC RECORDS. The CONTRACTOR shall comply with Florida's Public Records Act, Chapter 119, Florida Statutes, and, if determined to be acting on behalf of the CITY as provided under section 119.011(2), Florida Statutes, specifically agrees to:
1. Keep and maintain public records required by the CITY to perform the service.
 2. Upon request from the CITY's custodian of public records or designee, provide the CITY with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.
 3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of this Agreement and following completion of this Agreement if the CONTRACTOR does not transfer the records to the CITY.
 4. Upon completion of this Agreement, transfer, at no cost, to the CITY all public records in possession of the CONTRACTOR or keep and maintain public records required by the CITY to perform the service. If the CONTRACTOR transfers all public records to the CITY upon completion of the Agreement, the CONTRACTOR shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the CONTRACTOR keeps and maintains public records upon completion of the Agreement, the CONTRACTOR shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the CITY, upon request from the CITY's custodian of public records or designee, in a format that is compatible with the information technology systems of the CITY.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (561) 586-1660, CITYCLERK@LAKEWORTHBEACHFL.GOV, OR BY MAIL AT CITY OF LAKE WORTH BEACH, ATTN: City Clerk, 7 NORTH DIXIE HIGHWAY, LAKE WORTH BEACH, FLORIDA 33460.

K. SCRUTINIZED COMPANIES.

1. Contractor certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List and are not engaged in the boycott of Israel. Pursuant to section 287.135, Florida Statutes, the City may immediately terminate this Agreement at its sole option if the Contractor or any of its subcontractors are found to have submitted a false certification; or if the Contractor or any of its subcontractors, are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of this Agreement.
2. If this Agreement is for one million dollars or more, the Contractor certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged in business operations in Cuba or Syria as identified in Section 287.135, Florida Statutes. Pursuant to Section 287.135, the City may immediately terminate this Agreement at its sole option if the Contractor, or any of its subcontractors are found to have submitted a false certification; or if the Contractor or any of its subcontractors are placed on the Scrutinized Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or are or have been engaged with business operations in Cuba or Syria during the term of this Agreement.
3. The Contractor agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under this Agreement.
4. The Contractor agrees that the certifications in this section shall be effective and relied upon by the City for the term of this Agreement, including any and all renewals.
5. The Contractor agrees that if it or any of its subcontractors' status changes in regards to any certification herein, the Contractor shall immediately notify the City of the same.
6. As provided in Subsection 287.135(8), Florida Statutes, if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

J. E-VERIFY.

Pursuant to Section 448.095(2), Florida Statutes, beginning on January 1, 2021, the CONTRACTOR shall:

1. Register with and use the E-Verify system to verify the work authorization status of all newly hired employees and require all subcontractors (providing services or receiving funding under this Agreement) to register with and use the E-Verify system to verify the work authorization status of all the subcontractors' newly hired employees;
2. Secure an affidavit from all subcontractors (providing services or receiving funding under this Agreement) stating that the subcontractor does not employ, contract with, or subcontract with an "unauthorized alien" as defined in Section 448.095(1)(k), Florida Statutes;
3. Maintain copies of all subcontractor affidavits for the duration of this Agreement and provide the same to the CITY upon request;

4. Comply fully, and ensure all of its subcontractors comply fully, with Section 448.095, Florida Statutes;
5. Be aware that a violation of Section 448.09, Florida Statutes (Unauthorized aliens; employment prohibited) shall be grounds for termination of this Agreement; and,
6. Be aware that if the CITY terminates this Agreement under Section 448.095(2)(c), Florida Statutes, CONTRACTOR may not be awarded a contract for at least 1 year after the date on which the Agreement is terminated and will be liable for any additional costs incurred by the CITY as a result of the termination of the Agreement.

H. INSURANCE. The CITY shall be listed as the additional insured on all CONTRACTOR's insurance as specifically required in the County Contract. Proof of such insurance shall be provided to the CITY prior to commencing any work under this Agreement.

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SIGNATURE PAGE FOLLOWS

IN WITNESS WHEREOF, the CITY and CONTRACTOR hereto have made and executed this Agreement for fiber optic engineering, design, material, supplies and installation as of the day and year first above written.

CITY OF LAKE WORTH BEACH, FLORIDA

By: _____
Betty Resch, Mayor

ATTEST:

By: _____
Melissa Ann Coyne, City Clerk

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

APPROVED FOR FINANCIAL
SUFFICIENCY:

By: _____
Glen J. Torcivia, City Attorney

By: _____
Bruce T. Miller, Financial Services Director

CONTRACTOR: **PRECISION CONTRACTING SERVICES, INC.**

[Corporate Seal]

By: _____
Print Name: Blake Boyd
Title: Treasurer

STATE OF FLORIDA
COUNTY OF Palm Beach

THE FOREGOING instrument was acknowledged before me by means of • physical presence or • online notarization on this 20 day of MAY 2022, by BLAKE BOYD, as the Treasurer [title] of **Precision Contracting Services, Inc.**, a corporation, which is authorized to do business in the State of Florida, who is personally known to me or who has produced _____ as identification, and who did take an oath that he or she is duly authorized to execute the foregoing instrument and bind the CONTRACTOR to the same.

[SEAL]

NOTARY PUBLIC

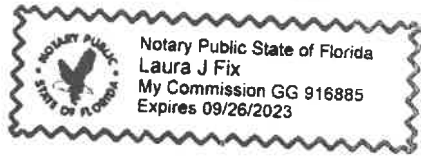


Exhibit A

SAMPLE TASK ORDER

**AGREEMENT FOR FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES
AND INSTALLATION
TASK ORDER NO. _____**

THIS TASK ORDER FOR Fiber Optic Engineering, Design, Material, Supplies and Installation Services ("Task Order" hereafter) is made on _____, 202_, between the **City of Lake Worth Beach**, a Florida municipal corporation located at 7 North Dixie Highway, Lake Worth Beach, Florida 33460 ("City" hereafter) and _____, a Florida corporation, whose _____ local _____ business _____ address _____ is _____ ("Contractor" hereafter).

1.0 Project Description:

The City desires the Contractor to provide those services as identified herein for the _____ The services are generally described as: _____ (the "Project").

2.0 Scope

Under this Task Order, the Contractor will provide the City's _____ Department with plans, specifications and/or construction inspection services for the Project as specified in the Contractor's proposal attached hereto and incorporated herein as Exhibit "1".

3.0 Schedule

The services to be provided under this Task Order shall be completed within _____ calendar days from the City's approval of this Task Order or the issuance of a Notice to Proceed.

4.0 Compensation

This Task Order is issued for a lump sum, not to exceed amount of \$ _____. The attached proposal identifies all costs and expenses included in the lump sum, not to exceed amount.

5.0 Project Manager

The Project Manager for the Contractor is _____, phone: _____; email: _____; and, the Project Manager for the City is _____, phone: _____; email: _____.

6.0 Progress Meetings

The Contractor shall schedule periodic progress review meetings with the City Project Manager as necessary but every 30 days as a minimum.

7.0 Contractor's Representations. In order to induce the City to enter into this Task Order, the Contractor makes the following representations:

7.1 Contractor has familiarized itself with the nature and extent of this Task Order, work, site, locality, and all local conditions and laws and regulations that in any manner may affect cost, progress, performance or furnishing of the work.

7.2 Contractor has obtained at his/her own expense and carefully studied, or assumes responsibility for obtaining and carefully studying, soil investigations, explorations, and test reports which pertain to the subsurface conditions at or contiguous to the site or otherwise may affect the cost, progress, performance or furnishing of the work as Contractor considers necessary for the performance or furnishing of the work at the stated work order price within this Task Order stated time and in accordance with the other terms and conditions of the Agreement; and no additional examinations, investigations, explorations, tests, reports, studies or similar information or data are or is deemed necessary by Contractor for such purposes.

7.3 Contractor has reviewed and checked all information and data shown or indicated in this Task Order with respect to existing underground facilities at or contiguous to the site and assumes responsibility for the accurate location of said underground facilities. No additional examinations, investigations, explorations, tests, reports, studies or similar information or data in respect of said Underground Facilities are or is deemed necessary by the Contractor in order to perform and furnish the work under this Task Order for the price and time set forth herein and in accordance with the other terms and conditions of the Agreement.

7.4 Contractor has correlated the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms this Task Order and the terms and conditions of the Agreement.

7.5 Contractor has given the City's Project Manager written notice of all conflicts, errors or discrepancies that he or she has discovered in this Task Order and the Agreement and the written resolution thereof by City or its designee is acceptable to the Contractor.

8.0 Authorization

This Task Order is issued pursuant to the engineering, design, material, supplies and installation services Agreement between the City and the Contractor, dated _____, 2022 ("Agreement" hereafter). If there are any conflicts between the terms and conditions of this Task Order and the Agreement, the terms and conditions of the Agreement shall prevail; however, the specifications and scope of work set forth in this Task Order shall take precedence.

Remainder of this page intentionally left blank – signature page follows

IN WITNESS WHEREOF, the parties hereto have made and executed this Task Order as of the day and year set forth above.

**CITY OF LAKE WORTH BEACH,
FLORIDA**

By: _____
Carmen Y. Davis, City Manager

ATTEST:

By: _____
Melissa Ann Coyne, City Clerk

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

APPROVED FOR FINANCIAL
SUFFICIENCY

By: _____
Glen J. Torcivia, City Attorney

By: _____
Bruce T. Miller, Financial Services Director

CONTRACTOR: **Precision Contracting Services, Inc.**

[Corporate Seal]

By: (DO NOT SIGN – SAMPLE)
Print Name: _____

Title: _____

STATE OF _____)
COUNTY OF _____)

THE FOREGOING instrument was acknowledged before me by means of • physical presence or • online notarization on this ____ day of _____ 202_, by _____, as the _____ [title] of **Precision Contracting Services, Inc.** a Florida Corporation, who is personally known to me or who has produced _____ as identification, and who did take an oath that he or she is duly authorized to execute the foregoing instrument and bind the CONTRACTOR to the same.

Notary Public Signature

Notary Seal:

Exhibit B

RATE SCHEDULE

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL,
SUPPLIES AND INSTALLATION, TERM CONTRACT**

SECTION A

ITEM NO.	ITEM DESCRIPTION	ANNUAL ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
LABOR					
1.	Engineering Florida PE Services – Hourly Rate	5	HR	\$ <u>250.00</u>	\$ <u>1,250.00</u>
2.	BICSI RCDD – Hourly Rate	35	HR	\$ <u>175.00</u>	\$ <u>6,125.00</u>
3.	CADD Operator – Hourly Rate	15	HR	\$ <u>90.00</u>	\$ <u>1,350.00</u>
4.	Clerical Support Services – Hourly Rate	60	HR	\$ <u>45.00</u>	\$ <u>2,700.00</u>
5.	Commercial Cable – Electronics Technician – Hourly Rate	5	HR	\$ <u>125.00</u>	\$ <u>625.00</u>
6.	Commercial Cable Installer – Hourly Rate	350	HR	\$ <u>95.00</u>	\$ <u>33,250.00</u>
7.	Commercial Duct Installer – Hourly Rate	700	HR	\$ <u>85.00</u>	\$ <u>59,500.00</u>
8.	Tree Trimming – Hourly Rate	5	HR	\$ <u>175.00</u>	\$ <u>875.00</u>
9.	OSP ROW Strand Mapping	25	MILE	\$ <u>1,250.00</u>	\$ <u>31,250.00</u>
10.	OSP ROW Design and Permitting	20	MILE	\$ <u>2,500.00</u>	\$ <u>50,000.00</u>
11.	OSP GPS Survey	20	MILE	\$ <u>1,750.00</u>	\$ <u>35,000.00</u>
12.	OSP GIS Technician	20	MILE	\$ <u>1,750.00</u>	\$ <u>35,000.00</u>
TOTAL OFFER SECTION A (ITEMS #1 – #12):					\$ <u>256,925.00</u>

All unit prices bid should be within two (2) decimal points, with the exception of LF. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

BID RESPONSE
IFB #19-065/HS

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL,
SUPPLIES AND INSTALLATION, TERM CONTRACT**

SECTION B

ITEM NO.	ITEM DESCRIPTION	ANNUAL ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
OSP CONSTRUCTION - UNDERGROUND					
13.	Conduit – 2" placed at 24", machine trenched (Furnished and Installed)	25	LF	\$ <u>6.95</u>	\$ <u>173.75</u>
14.	Conduit – 2" placed at 36", machine trenched (Furnished and Installed)	1,000	LF	\$ <u>7.50</u>	\$ <u>7,500.00</u>
15.	Conduit – 2" placed at 24" hand trenched (Furnished and Installed)	25	LF	\$ <u>7.75</u>	\$ <u>193.75</u>
16.	Conduit – 2" placed at 36", hand trenched (Furnished and Installed)	7,000	LF	\$ <u>8.00</u>	\$ <u>56,000.00</u>
17.	Conduit – 2", extra pipe (Furnished and Installed)	100	LF	\$ <u>2.50</u>	\$ <u>250.00</u>
18.	Placement – 1 ¼", innerduct, corrugated, colored (Furnished and Installed)	100	LF	\$ <u>1.50</u>	\$ <u>150.00</u>
19.	Placement – 4W 1 ¼", HDPE colored (Furnished and Installed)	100	LF	\$ <u>8.00</u>	\$ <u>800.00</u>
20.	MaxCell placement – 3 cell for 2" and larger conduits (Furnished and Installed)	100	LF	\$ <u>5.75</u>	\$ <u>575.00</u>
21.	Placement – cable direct bury, plow, 30" placement (Furnished and Installed)	100	LF	\$ <u>5.25</u>	\$ <u>525.00</u>
22.	Placement – 2" HDPE, Directional Bore (Furnished and Installed)	5,000	LF	\$ <u>17.00</u>	\$ <u>85,000.00</u>
23.	Placement – 2" HDPE, Directional Bore, Special Conditions (Furnished and Installed)	50	LF	\$ <u>35.00</u>	\$ <u>1,750.00</u>
24.	Placement – 8" HDPE, Directional Bore, under waterway (Furnished and Installed)	50	LF	\$ <u>115.00</u>	\$ <u>5,750.00</u>

All unit prices bid should be within two (2) decimal points, with the exception of LF. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

**BID RESPONSE
IFB #19-065/HS**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL,
SUPPLIES AND INSTALLATION, TERM CONTRACT**

SECTION B – Continued...

ITEM NO.	ITEM DESCRIPTION	ANNUAL ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
25.	Placement – 2" RGS (Furnished and Installed)	25	LF	\$ 18.50	\$ 462.50
26.	Placement – 4" RGS (Furnished and Installed)	25	LF	\$ 30.00	\$ 750.00
27.	Placement – 2" Fiberglass, Bridge mount (Furnished and Installed)	25	LF	\$ 40.00	\$ 1,000.00
28.	Placement – 4" Fiberglass, Bridge mount (Furnished and Installed)	25	LF	\$ 85.00	\$ 2,125.00
29.	Detection – Detectable Tracer Wire (Furnished and Installed)	30,000	LF	\$ 0.55	\$ 16,500.00
30.	Detection – Detectable Marking Tape (Furnished and Installed)	100	LF	\$ 1.00	\$ 100.00
31.	Detection – Jet Line (Furnished and Installed)	7000	LF	\$ 0.40	\$ 2,800.00
32.	ROW Detection – ROW Delineator Marker Post, orange, 6" (Furnished and Installed)	10	EACH	\$ 95.00	\$ 950.00
33.	Cable Route Markers - Tubular, Type III HDPE	10	EACH	\$ 85.00	\$ 850.00

All unit prices bid should be within two (2) decimal points, with the exception of L.F. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

**BID RESPONSE
IFB #19-065/HS**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL,
SUPPLIES AND INSTALLATION, TERM CONTRACT**

SECTION B – Continued...

ITEM NO.	ITEM DESCRIPTION	ANNUAL ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
FIBER OPTIC CABLES					
34.	FO Cable – 12 fiber, Single-mode, Loose-Tube Construction, Aerial Placement (Furnished and Installed)	2,000	LF	\$ <u>1.65</u>	\$ <u>3,300.00</u>
35.	FO Cable – 12 fiber, Single-mode, Loose-Tube Construction, Underground Placement (Furnished and Installed)	5,000	LF	\$ <u>1.60</u>	\$ <u>8,000.00</u>
36.	FO Cable – 24 fiber, Single-mode, Loose-Tube Construction, Aerial Placement (Furnished and Installed)	10,000	LF	\$ <u>1.80</u>	\$ <u>18,000.00</u>
37.	FO Cable – 24 fiber, Single-mode, Loose-Tube Construction, Underground Placement (Furnished and Installed)	20,000	LF	\$ <u>1.75</u>	\$ <u>35,000.00</u>
38.	FO Cable – 48 fiber, Single-mode, Loose-Tube Construction, Aerial Placement (Furnished and Installed)	35,000	LF	\$ <u>2.20</u>	\$ <u>77,000.00</u>
39.	FO Cable – 48 fiber, Single-mode, Loose-Tube Construction, Underground Placement (Furnished and Installed)	20,000	LF	\$ <u>2.15</u>	\$ <u>43,000.00</u>
40.	FO Cable – 72 fiber, Single-mode, Loose-Tube Construction, Aerial Placement (Furnished and Installed)	500	LF	\$ <u>2.45</u>	\$ <u>1,225.00</u>
41.	FO Cable – 72 fiber, Single-mode, Loose-Tube Construction, Underground Placement (Furnished and Installed)	500	LF	\$ <u>2.40</u>	\$ <u>1,200.00</u>
42.	FO Cable – 96 fiber, Single-mode, Loose-Tube Construction, Aerial Placement (Furnished and Installed)	1,500	LF	\$ <u>2.65</u>	\$ <u>3,975.00</u>
43.	FO Cable – 96 fiber, Single-mode, Loose-Tube Construction, Underground Placement (Furnished and Installed)	1,500	LF	\$ <u>2.60</u>	\$ <u>3,900.00</u>
44.	FO Cable – 144 fiber, Single-mode, Loose-Tube Construction, Aerial Placement (Furnished and Installed)	500	LF	\$ <u>2.95</u>	\$ <u>1,475.00</u>

All unit prices bid should be within two (2) decimal points, with the exception of LF. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

**BID RESPONSE
IFB #19-095/HS**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL,
SUPPLIES AND INSTALLATION, TERM CONTRACT**

SECTION B – Continued...

ITEM NO.	ITEM DESCRIPTION	ANNUAL ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
45.	FO Cable – 144 fiber, Single-mode, Loose-Tube Construction, Underground Placement (Furnished and Installed)	500	LF	\$ 2.90	\$ 1,450.00
46.	FO Cable – 12 fiber, Multi-mode, Loose-Tube Construction, Aerial Placement (Furnished and Installed)	100	LF	\$ 2.00	\$ 200.00
47.	FO Cable – 12 fiber, Multi-mode, Loose-Tube Construction, Underground Placement (Furnished and Installed)	100	LF	\$ 2.00	\$ 200.00
48.	FO Cable – 24 fiber, Multi-mode, Loose-Tube Construction, Aerial Placement (Furnished and Installed)	500	LF	\$ 2.90	\$ 1,450.00
49.	FO Cable – 24 fiber, Multi-mode, Loose-Tube Construction, Underground Placement (Furnished and Installed)	500	LF	\$ 2.90	\$ 1,450.00
50.	FO Cable – 24 fiber, Single-mode, All Dielectric Self Supporting Construction, Aerial Placement (Furnished and Installed)	50	LF	\$ 2.50	\$ 125.00
51.	FO Cable – 48 fiber, Single-mode, All Dielectric Self Supporting Construction, Aerial Placement (Furnished and Installed)	50	LF	\$ 2.95	\$ 147.50
52.	FO Cable – 96 fiber, Single-mode, All Dielectric Self Supporting Construction, Aerial Placement (Furnished and Installed)	50	LF	\$ 3.45	\$ 172.50
53.	FO Cable – 144 fiber, Single-mode, All Dielectric Self Supporting Construction, Aerial Placement (Furnished and Installed)	50	LF	\$ 3.95	\$ 197.50

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Continued...

**BID RESPONSE
IFB #19-065/HS**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL,
SUPPLIES AND INSTALLATION, TERM CONTRACT**

SECTION B – Continued...

ITEM NO.	ITEM DESCRIPTION	ANNUAL ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
54.	FO Cable – 24 fiber, Single-mode, Riser Rated Construction (Furnished and Installed)	50	LF	\$ 2.25	\$ 112.50
55.	FO Cable – 48 fiber, Single-mode, Riser Rated Construction (Furnished and Installed)	50	LF	\$ 3.25	\$ 162.50
56.	FO Cable – 96 fiber, Single-mode, Riser Rated Construction (Furnished and Installed)	50	LF	\$ 4.30	\$ 215.00
57.	FO Cable – 12 fiber, Multi-mode, Riser Rated Construction (Furnished and Installed)	10	LF	\$ 2.50	\$ 25.00
58.	FO Cable – 24 fiber, Multi-mode, Riser Rated Construction (Furnished and Installed)	10	LF	\$ 3.90	\$ 39.00
59.	FO Cable – 12 fiber, Single-mode, Plenum Rated Construction (Furnished and Installed)	50	LF	\$ 2.95	\$ 147.50
60.	FO Cable – 24 fiber, Single-mode, Plenum Rated Construction (Furnished and Installed)	50	LF	\$ 4.00	\$ 200.00
61.	FO Cable – 48 fiber, Single-mode, Plenum Rated Construction (Furnished and Installed)	50	LF	\$ 4.50	\$ 225.00
62.	FO Cable – 96 fiber, Single-mode, Plenum Rated Construction (Furnished and Installed)	50	LF	\$ 7.50	\$ 375.00
63.	FO Cable – 12 fiber, Multi-mode, Plenum Rated Construction, Tight Buffer (Furnished and Installed)	50	LF	\$ 3.00	\$ 150.00
64.	FO Cable – 24 fiber, Multi-mode, Plenum Rated Construction, Tight Buffer (Furnished and Installed)	50	LF	\$ 5.75	\$ 287.50
65.	FO Cable – 24 count Hybrid Fiber, 12 Multi-mode Fiber, 12 Single-mode Fiber, Plenum Rated Construction (Furnished and Installed)	50	LF	\$ 4.25	\$ 212.50
66.	FO Cable – 48 count Hybrid Fiber, 24 Multi-mode Fiber, 24 Single-mode Fiber, Plenum Rated Construction (Furnished and Installed)	50	LF	\$ 6.25	\$ 312.50

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**BID RESPONSE
IFB #19-065/HS**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL,
SUPPLIES AND INSTALLATION, TERM CONTRACT**

SECTION B – Continued...

ITEM NO.	ITEM DESCRIPTION	ANNUAL ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
OPTICAL SPLICING & TERMINATION					
67.	FO Cable – 12 fiber, Single-mode or Multi-mode, Termination, Wall/Rack Cabinet, trays, pigtails, splices, tests (Furnished and Installed)	15	EACH	\$ 1,295.00	\$ 19,425.00
68.	FO Cable – 24 fiber, Single-mode or Multi-mode, Termination, Wall/Rack Cabinet, trays, pigtails, splices, tests (Furnished and Installed)	10	EACH	\$ 2,075.00	\$ 20,750.00
69.	FO Cable – 48 fiber, Single-mode or Multi-mode, Termination, Wall/Rack Cabinet, trays, pigtails, splices, tests (Furnished and Installed)	10	EACH	\$ 3,975.00	\$ 39,750.00
70.	FO Cable – 72 fiber, Single-mode or Multi-mode, Termination, Wall/Rack Cabinet, trays, pigtails, splices, tests (Furnished and Installed)	1	EACH	\$ 5,275.00	\$ 5,275.00
71.	FO Cable – 96 fiber, Single-mode or Multi-mode, Termination, Wall/Rack Cabinet, trays, pigtails, splices, tests (Furnished and Installed)	3	EACH	\$ 6,175.00	\$ 18,525.00
72.	FO Cable – 144 fiber, Single-mode or Multi-mode, Termination, Wall/Rack Cabinet, trays, pigtails, splices, tests (Furnished and Installed)	1	EACH	\$ 8,775.00	\$ 8,775.00
73.	FO Cable – 06 fiber, Single-mode, Buffer fan-out kit (Furnished and Installed)	1	EACH	\$ 45.00	\$ 45.00
74.	FO Cable – 12 fiber, Single-mode, Buffer fan-out kit (Furnished and Installed)	1	EACH	\$ 55.00	\$ 55.00
75.	FO Connector – ST type, Multi-mode, Unicam connector (Furnished and Installed)	1	EACH	\$ 50.00	\$ 50.00
76.	FO Connector – ST type, Single-mode, Unicam connector (Furnished and Installed)	1	EACH	\$ 55.00	\$ 55.00

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**BID RESPONSE
IFB #19-065/HS**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL,
SUPPLIES AND INSTALLATION, TERM CONTRACT**

SECTION B – Continued...

ITEM NO.	ITEM DESCRIPTION	ANNUAL ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
77.	FO Closure – Splice Closure, 12 fiber, Aerial or UG installation, trays, splices, tests (Furnished and Installed)	10	EACH	\$ <u>4,175.00</u>	\$ <u>41,750.00</u>
78.	FO Closure – Splice Closure, 24 fiber, Aerial or UG installation, trays, splices, tests (Furnished and Installed)	10	EACH	\$ <u>1,575.00</u>	\$ <u>15,750.00</u>
79.	FO Closure – Splice Closure, 48 fiber, Aerial or UG installation, trays, splices, tests (Furnished and Installed)	10	EACH	\$ <u>2,575.00</u>	\$ <u>25,750.00</u>
80.	FO Closure – Splice Closure, 72 fiber, Aerial or UG installation, trays, splices, tests (Furnished and Installed)	1	EACH	\$ <u>3,375.00</u>	\$ <u>3,375.00</u>
81.	FO Closure – Splice Closure, 96 fiber, Aerial or UG installation, trays, splices, tests (Furnished and Installed)	1	EACH	\$ <u>4,275.00</u>	\$ <u>4,275.00</u>
82.	FO Closure – Splice Closure, 144 fiber, Aerial or UG installation, trays, splices, tests (Furnished and Installed)	1	EACH	\$ <u>6,175.00</u>	\$ <u>6,175.00</u>
83.	FO Splice – OTDR Test any wavelength, one direction, bare fiber	700	EACH	\$ <u>7.50</u>	\$ <u>5,250.00</u>
84.	FO Closure – Splice Tray, Fusion Heatshrink, 12 fiber, 12" size (Furnished and Installed)	1	EACH	\$ <u>35.00</u>	\$ <u>35.00</u>
85.	FO Closure – Splice Tray, Fusion Heatshrink, 24 fiber, 12" size (Furnished and Installed)	1	EACH	\$ <u>50.00</u>	\$ <u>50.00</u>
86.	FO Splice – Fusion Splice, Heat Shrink <0.04 Db, OSP, including pigtail as needed (Furnished and Installed)	100	EACH	\$ <u>35.00</u>	\$ <u>3,500.00</u>
87.	OSP Aerial – Messenger Cable, ¼" (Furnished and Installed)	10,000	LF	\$ <u>2.25</u>	\$ <u>22,500.00</u>
88.	OSP Aerial – Remove Messenger Cable, ¼"	100	LF	\$ <u>0.75</u>	\$ <u>75.00</u>

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**BID RESPONSE
IFB #19-065/HS**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL,
SUPPLIES AND INSTALLATION, TERM CONTRACT**

SECTION B – Continued...

ITEM NO.	ITEM DESCRIPTION	ANNUAL ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
89.	OSP Aerial – Pole Attachment, Loose Tube, with J-hook Concrete Pole (Furnished and Installed)	10	EACH	\$ 195.00	\$ 1,950.00
90.	OSP Aerial – Pole Attachment, Loose Tube, with J-hook Wood Pole (Furnished and Installed)	10	EACH	\$ 175.10	\$ 1,750.10
91.	OSP Aerial – Place Pole Riser, 2', RGS (Furnished and Installed)	500	LF	\$ 18.00	\$ 9,000.00
92.	OSP Aerial – Place Pre-Stressed Concrete, 35 ft., Utility (Furnished and Installed)	1	EACH	\$ 11,355.00	\$ 11,355.00
93.	OSP Aerial – Place Pre-Stressed Concrete, 45 ft., Utility (Furnished and Installed)	1	EACH	\$ 11,795.00	\$ 11,795.00
94.	OSP Aerial – Place Pre-Stressed Concrete, 70 ft., Utility (Furnished and Installed)	1	EACH	\$ 15,275.00	\$ 15,275.00
95.	OSP Aerial – Place Down Guy Anchor, 6' (Furnished and Installed)	1	EACH	\$ 425.00	\$ 425.00

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Continued...

**BID RESPONSE
IFB #19-065/HS**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL,
SUPPLIES AND INSTALLATION, TERM CONTRACT**

SECTION B – Continued...

ITEM NO.	ITEM DESCRIPTION	ANNUAL ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
PULL BOXES					
96.	Pull Box – Concrete, 4'H x 4'W x 4'D, with Steel Lid (Furnished and Installed)	1	EACH	\$ 4,795.00	\$ 4,795.00
97.	Pull Box – Composite construction, 24"H x 36"W x 24"D, with Composite Lid (Furnished and Installed)	5	EACH	\$ 725.00	\$ 3,625.00
98.	Pull Box – Composite construction, 24"H x 36"W x 24"D, Traffic Rated, with Composite Traffic Rated Lid (Furnished and Installed)	10	EACH	\$ 995.00	\$ 9,950.00
99.	Pull Box – Composite construction, 17"H x 30"W x 12"D, with Composite Lid (Furnished and Installed)	25	EACH	\$ 545.00	\$ 13,625.00
100.	Pull Box – Composite construction, 17"H x 30"W x 12"D, Traffic Rated, with Composite Traffic Rated Lid (Furnished and Installed)	10	EACH	\$ 725.00	\$ 7,250.00
101.	Pull Box Apron – for a 24" x 36" pull box measuring 12"W x 6"D (Furnished and installed)	5	EACH	\$ 595.00	\$ 2,975.00
OUTSIDE PLANT CABINET'S					
102.	Communications Cabinet – 35"H x 24"W x 22"D, with Concrete Base (Furnished and Installed)	1	EACH	\$ 5,395.00	\$ 5,395.00
103.	Communications Cabinet – 51.25"H x 20"W x 18"D, with Concrete Base (Furnished and Installed)	4	EACH	\$ 4,950.00	\$ 19,800.00

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Continued...

**BID RESPONSE
IFB #19-065/HS**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL,
SUPPLIES AND INSTALLATION, TERM CONTRACT**

SECTION B – Continued...

ITEM NO.	ITEM DESCRIPTION	ANNUAL ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
OUTSIDE PLANT CABINET'S					
104.	Communications Cabinet – 37"H x 20"W x 17"D, with Concrete Base (Furnished and Installed)	1	EACH	\$ <u>5,695.00</u>	\$ <u>5,695.00</u>
105.	Device Cabinet Type 332 (66"H x 24"W x 30"D) (Furnished and Installed)	2	EACH	\$ <u>7,475.00</u>	\$ <u>14,950.00</u>
106.	FO Closure-Re-Entry Kit, Cable Preparation, up to 144 Fiber, Aerial or UG Installation (Furnished and Installed)	5	EACH	\$ <u>475.00</u>	\$ <u>2,375.00</u>
TOTAL OFFER SECTION B (ITEMS #13 through #106):					\$ <u>741,311.50</u>
TOTAL OFFER (SECTION A + B):					\$ <u>998,236.50</u>

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