

Do Not Return Via Email or Fax

This is Not an Order

Mailing Address:
P. O. Box 1948
Mobile, Alabama 36633
(251) 208-7434

Purchasing Department
and Package Delivery:
Government Plaza
4th Floor, Room S-408
205 Government St
Mobile, Alabama 36644

READ TERMS AND CONDITIONS
ON REVERSE SIDE OF THIS PAGE
BEFORE BIDDING

Typed by: en Buyer: 003

Please quote the lowest price at which you will furnish the articles listed below

Table with columns: DATE (02/02/2021), BID NO. (5511), DEPARTMENT (MIT/Various), Commodities to be delivered F.O.B. Mobile to: (To Be Specified)

This bid must be received and stamped by the Purchasing office not later than: 10:30 A.M., Tuesday, February 23, 2021

Main bid table with columns: QUANTITY, ARTICLES, UNIT, UNIT PRICE (Dollars, Cents), EXTENSION (Dollars, Cents). Article: FIBER OPTIC COMMUNICATION NETWORK SERVICE AND MAINTENANCE.

TOTAL

RETURN ONE SIGNED COPY OF THIS BID
IN ENCLOSED ENVELOPE

State delivery time within \_\_\_ days of receipt of P.O.

Firm Name \_\_\_\_\_

Typed Signature \_\_\_\_\_

By \_\_\_\_\_

We will allow a discount \_\_\_ % 20 days from date of receipt of goods
and correct invoice of completed order.

1. All quotations must be signed with the firm name and by an authorized officer or employee.
2. Verify your bid before submission as it cannot be withdrawn or corrected after being opened. In case of error in extension of prices, the unit price will govern.
3. If you do not bid, return this sheet and state reason. Otherwise, your name may be removed from our mailing list.
4. The right is reserved to reject any, or all quotations, or any portions thereof, and to waive technicalities if deemed to be in the interest of the City of Mobile.
5. This bid shall not be reassignable except by written approval of the Purchasing Agent of the City of Mobile.
6. State brand and model number of each item. All items bid must be new and latest model unless otherwise specified.
7. If bid results are desired, enclose a self-addressed and stamped envelope with your bid. (All or None bids only)
8. Do not include Federal Excise Tax as exemption certificate will be issued in lieu of same. The City is exempt from the Alabama and City sales taxes.
9. PRICES ARE TO BE FIRM AND F.O.B. DESTINATION UNLESS OTHERWISE REQUESTED.
10. BID WILL BE AWARDED ON ALL OR NONE BASIS UNLESS OTHERWISE STATED.
11. Bids received after specified time will be returned un-opened.
12. Failure to observe stated instructions and conditions will constitute grounds for rejection of your bid.
13. Furnish literature, specifications, drawings, photographs, etc., as applicable with the items bid.
14. Vendor May be required to obtain City of Mobile Business License as applicable to City of Mobile Municipal Code Section 34-50. For Business License inquiry contact the Revenue Department at (251) 208-7461 or [cityofmobile.org/taxes.php](http://cityofmobile.org/taxes.php).
15. If a bid bond is required in the published specifications, see below:  
Each Bid Shall be Accompanied By A **Cashier's Check, Certified Check, Bank Draft Or Bid Bond** For the Sum Of Five (5) Percent Of The Amount Bid, Made Payable To The City Of Mobile And Certified By A Reputable Banking Institution. All Checks Shall Be Returned Promptly, Except The Check Of The Successful Bidder, Which Shall Be Returned After Fulfilling The Bid.
16. Contracts in excess of \$50,000 require that the successful bidder make every possible effort to have at least fifteen (15) percent of the total value of the contract performed by socially and economically disadvantaged individuals.
17. All bids/bid envelopes must have the bid number noted on the front. Bids that arrive unmarked and are opened in error shall be returned to vendor as an unacceptable bid.
18. If successful vendor's principal place of business is out-of-state, vendor may be required to have a Certificate of Authority to do business in the State of Alabama from the Alabama Secretary of State prior to issuance of a Purchase Order. Vendors are solely responsible for consulting with the Secretary of State to determine whether a Certificate is required. See [www.sos.alabama.gov/BusinessServices/ForeignCorps.aspx](http://www.sos.alabama.gov/BusinessServices/ForeignCorps.aspx). Please note that the time between application for and issuance of a Certificate of Authority may be several weeks.
19. Vendors do not need a City of Mobile Business License or Certificate of Authority from the Alabama Secretary of State to submit a bid, but will need to obtain the Business License and Certificate of Authority, if applicable, prior to issuance of a Purchase Order.

**BID CONTINUATION SHEET**

**Bid on this form ONLY. Make no changes on this form. Additional information to be submitted on separate sheet and attached hereto.**

QUANTITY	ARTICLES	UNIT	UNIT PRICE		EXTENSION	
			Dollars	Cents	Dollars	Cents
	Page 2 of 4					
	<p><b>SCOPE OF WORK</b></p> <p>Contractor agrees to be bound to all applicable provisions of state and City laws concerning the <b>installation and repair of communication cables, conduits, and aerial material</b>, as well as policy decisions of the City of Mobile. Contractor also agrees to hold the City of Mobile harmless for all liability that may be incurred under this contract and shall sign an agreement to this effect, should it be required by the City.</p> <p><b>ITEM #1: AERIAL CABLING NARRATIVE</b></p> <p>The City of Mobile operates both multi-mode and single-mode fiber optic systems throughout the city that requires both maintenance and new installation periodically throughout the year.</p> <p>Fiber optic aerial cable installation and maintenance should adhere to best practices and procedures outlined by fiber optic manufacturer Corning and explained in their literature "Lashed Aerial Installation of Fiber Optic Cable" and by the Fiber Optic Association Inc. -( see www.foa.org ). All aerial fiber optic fusion splicing, termination, and testing should adhere to best practices outlined in the NECA/FOA 301 – Standard for "Installing and Testing Fiber Optics ". When applicable the contractor shall adhere to Alabama 811 (call before you dig) specifications and the City of Mobile Right of Way permitting and installation requirements.</p> <p>The City of Mobile/MIT Department will outline the work to be performed and provide written or oral communication for the proposed work. The contractor will need to provide a written estimate to the City of Mobile for the proposed work and once approved by the City of Mobile/ MIT Department a purchase order request will be made for the amount on contractors estimate and the contractual bid submitted.</p> <p>All material required to perform work the contractor is task to perform, whether furnished by contractor or the City of Mobile, shall be UL certified and approved by the City of Mobile/MIT Department before work is to begin.</p> <p>The contractor must have a minimum of 10 years of experience in the field of fiber optic aerial cabling, fusion splicing, termination, testing, and trouble shooting.</p> <p><b>ITEM #2: FIBER OPTIC NARRATIVE</b></p> <p>The City of Mobile operates both multi-mode and single-mode fiber optic systems throughout the city that requires both maintenance and new installation needs periodically throughout the year.</p> <p>Fiber optic termination and splicing on these systems will need to be performed utilizing <b>fusion splicing</b> techniques and testing to ensure reliability. The termination and testing process should adhere to best practices outlined in the NECA/FOA 301 – Standard for "Installing and Testing Fiber Optics".</p>					
			<b>TOTAL</b>			

**RETURN ONE SIGNED COPY OF THIS QUOTATION IN ENCLOSED ENVELOPE**

**READ ABOVE INSTRUCTIONS BEFORE QUOTING**

Firm Name \_\_\_\_\_  
 By \_\_\_\_\_

We will allow a discount \_\_\_\_\_ % 20 days from date of receipt of goods and correct invoice of completed order.

# BID CONTINUATION SHEET

QUANTITY	ARTICLES	UNIT	UNIT PRICE		EXTENSION	
			Dollars	Cents	Dollars	Cents
	<p style="color: red; font-size: small;">Bid on this form ONLY. Make no changes on this form. Additional information to be submitted on separate sheet and attached hereto.</p> <p style="text-align: center; font-size: small;">Page 3 of 4</p> <p>The City of Mobile/MIT Department will outline the work to be performed and provide written or oral communication for the proposed work. The contractor will need to provide a written estimate to the City of Mobile for the proposed work and once approved by the City of Mobile/MIT Department a purchase order request will be made for the amount on contractors estimate and the contractual bid submitted.</p> <p>All material required to perform work the contractor is task to perform, whether furnished by contractor or the City of Mobile, shall be UL certified and approved by the City of Mobile/MIT Department before work is to begin.</p> <p>The contractor must have a minimum of 10 years of experience in the field of fiber optic fusion splicing, termination, testing, and trouble shooting.</p> <p><b>ITEM #3: UNDERGROUND BORING NARRATIVE</b></p> <p>The City of Mobile operates both multi-mode and single-mode fiber optic systems throughout the city that requires both maintenance and new installation needs periodically throughout the year.</p> <p>Underground directional boring/drilling, hand hole, and conduit installs should adhere to best practices and procedures outlined in ASTM Designation F 1962-99 – Standards guide for use of maxi- horizontal directional drilling for placement of polyethylene pipe or conduit under obstacles including river crossings as well as TR-46 – Guidelines for use of mini-horizontal directional drilling for placement of high density polyethylene pipe. All directional boring/drilling installs shall be marked with location and depth markings at least every 10 feet. The contractor shall adhere to Alabama 811 (call before you dig) specifications and the City of Mobile Right of Way permitting and installation requirements.</p> <p>The City of Mobile/MIT Department will outline the work to be performed and provide written or oral communication for the proposed work. The contractor will need to provide a written estimate to the City of Mobile for the proposed work and once approved by the City of Mobile/MIT Department a purchase order request will be made for the amount on contractors estimate and the contractual bid submitted.</p> <p>All material required to perform work the contractor is task to perform, whether furnished by contractor or the City of Mobile, shall be UL certified and approved by the City of Mobile/MIT Department before work is to begin.</p> <p>The contractor must have a minimum of 10 years of experience in the field underground directional boring/drilling, conduit, and hand hole installation.</p> <p><b>BIDS ARE TO BE FILLED OUT ON THE ATTACHED EXCEL SPREADSHEETS.</b></p>					
			<b>TOTAL</b>			

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Firm Name \_\_\_\_\_  
 By \_\_\_\_\_

We will allow a discount \_\_\_\_\_ % 20 days from date of receipt of goods and correct invoice of completed order.



# BID CONTINUATION SHEET

QUANTITY	ARTICLES	UNIT	UNIT PRICE		EXTENSION	
			Dollars	Cents	Dollars	Cents
	Page 4 of 4					
	<p><b>A Purchase Order will be issued for each job. The Purchase Order number must appear on all invoices.</b></p> <p>All vendors will be required to provide verification of enrollment in the E-Verify program. Additional information may be found at <a href="http://immigration.alabama.gov/">http://immigration.alabama.gov/</a></p> <p>If the successful vendor's principal place of business is out-of-state, vendor may be required to have a Certificate of Authority to do business in the State of Alabama from the Secretary of State prior to issuance of a Purchase Order.</p> <p>Vendors are solely responsible for consulting with the Secretary of State to determine whether a Certificate is required.                      Sec: <a href="http://www.sos.alabama.gov/BusinessServices/ForeignCorps.aspx">www.sos.alabama.gov/BusinessServices/ForeignCorps.aspx</a>.                      Please note that the time between application for the issuance of a Certificate of Authority may be several weeks.</p> <p>Upon notification, vendor will have 10 business days to provide the Certificate of Authority and the E-Verify numbers to the Purchasing Department before award can be completed.                      (Vendors will possibly need to pay the expedite fee to meet this requirement because application is not sufficient. We must have a copy of the certificate with your Company ID number).</p> <p>Vendors do not need a City of Mobile Business License or Certificate of Authority from the Alabama Secretary of State, nor the E-Verify for certification to submit a bid, but will need to obtain the Business License and Certificate of Authority verification and/or provide the E-Verify Certification, if applicable, prior to issuance of a Purchase Order.</p> <p>State of Alabama Local Vendor Preference Law 41-16-50 (a) and (d) will apply to this purchase.</p> <p><b>Prices are to be held firm for a one (1) year period. Prices may be extended for up to two (2) additional one (1) year periods with the approval of both the successful vendor and the City of Mobile.</b></p> <p>Provider shall acquire and maintain, in full force and effect, liability and comprehensive insurance issued by a company licensed and qualified to do business in the State of Alabama, <i>which such insurance shall name the City of Mobile as an additional insured</i>, and shall attach to this Agreement, as proof thereof, a certificate of insurance(s) issued by an agent licensed and qualified to do business in the State of Alabama: SEE ATTACHED</p> <p><b>If you have any questions, please contact the Purchasing Department at 251-208-7434 or <a href="mailto:purchasing@cityofmobile.org">purchasing@cityofmobile.org</a>.</b></p> <p><b>THIS BID WILL BE AWARDED ON AN ITEM BASIS</b></p>					
			<b>TOTAL</b>			

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Firm Name \_\_\_\_\_

By \_\_\_\_\_

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## INSURANCE REQUIREMENTS

For the term of this Agreement, Provider shall acquire and maintain, in full force and effect, the following liability and comprehensive insurance issued by a company licensed and qualified to do business in the State of Alabama, ***which such insurance shall name the City of Mobile as an additional insured***, and shall attach to this Agreement, as proof thereof and as Exhibit B, a certificate of insurance(s) issued by an agent licensed and qualified to do business in the State of Alabama:

- a. General Liability insurance – public liability including premises, products and complete operations.
  - (1) Bodily injury liability:  
\$250,000 each person  
\$500,000 each occurrence
  - (2) Property damage liability - \$100,000 each occurrence.  
Or, (in lieu of (1) and (2) above
  - (3) Bodily injury and property damage combined –  
\$500,000 per occurrence
  
- b. Comprehensive – Automobile Liability Insurance including owned, non-owned, and hired vehicles.
  - (1) Bodily injury liability:  
\$250,000 each person  
\$500,000 each occurrence
  - (2) Property damage liability - \$100,000 each occurrence.
  - (3) Or, (in lieu of (1) and (2) above)  
Bodily injury and property damage combined –  
\$500,000 per occurrence

If the certificate of insurance referenced in this Agreement does not evidence insurance of owned vehicles, said certificate and this sentence shall evidence the Provider's covenant that it does not own any vehicles and that it will not purchase or obtain any vehicles during the term of this Agreement. Said certificate shall require that said insurance coverage will not be altered or terminated unless the City shall have been given written notice of such alteration or termination delivered to the City not less than thirty (30) days before the effective date of such alteration or termination.

- c. Professional liability insurance

Provider shall provide a certificate of professional liability insurance coverage naming the City of Mobile as an additional insured. Coverage shall be, at a minimum, \$1,000,000.00 per event.

## ITEM #1 AERIAL CABLING

Line NO	Item ID	Item Name	Quantity	Units	Unit Price	Extended Price
1		Emergency Nighttime/Holiday Call Out To include same day emergency aerial cable needs ("Call Out" Must Be Approved by City of Mobile MIT Department)	2.00	Hour		
2		Fiber Optic Diagnostic Testing to include OTDR, Red Light and Light Meter to determine Fiber Link quality or fault.	1.00	Hour		
3		Fiber Optic Aerial Storage slack shoes ( in pairs only ) Install	2.00	Each		
4		Move Stored Aerial fiber optic cable. Install	300.00	LF		
5		Aerial Fiber Optic cable preparation (any count fiber ) Install	2.00	Each		
6		Aerial Fiber Optic Splice Case preparation (to include expansion kits ) Install	1.00	Each		
7		Aerial Fiber Optic Existing Splice Case Opening and re-entry	1.00	Each		
8		Aerial Fiber Optic Fusion Splicing both Multimode and Singlemode with a dB loss of .16 and lower documented, to include splicing sleeve. Install	24.00	Each		
9		Hang and Secure Fiber Optic Splice Case for Aerial Application. Install	1.00	Each		
10		Aerial Fiber Optic Cable Lashing One ( 1 ) cable to include lashing material. Furnish and Install	1000.00	LF		
11		Aerial Fiber Optic Cable Lashing One to Two ( 1 - 2 ) additional cables to include lashing material. Furnish and Install	1000.00	LF		
12		Aerial Fiber Optic Cable Over-Lashing One ( 1 ) cable to include lashing material. Furnish and Install	1000.00	LF		

### ITEM #1 AERIAL CABLING

Line NO	Item ID	Item Name	Quantity	Units	Unit Price	Extended Price
13		Aerial Fiber Optic Cable Over-Lashing One to Two ( 1 - 2 ) additional cables to include lashing material. Furnish and Install	1000.00	LF		
14		Wood Pole Class III 35 ft. Penta. Furnish and Install	1.00	Each		
15		Wood Pole Class III 40 ft. Penta. Furnish and Install	1.00	Each		
16		Span Wire for Aerial Fiber, 1/4 inch messenger, 7 strand. Furnish and Install	1000.00	LF		
17		Pole Line Hardware for 1/4 inch messenger, 7 strand span wire per attachment point. Furnish and Install	10.00	Each		
18		Aerial Cable Pole Transfer ( 1 to 4 cables ) per attachment point	10.00	Each		
19		Cable U Guard, Metal, Flanged, 10 ft. section for 1 1/4 inch or 2 inch conduits. Furnish and Install	1.00	Each		
19		Miscellaneous Aerial repair or install to include Bucket Truck and Labor Only	4.00	Each		
<b>TOTAL BID FOR ITEM #1</b>						



## ITEM #2 FIBER OPTIC WORK

Line NO	Item ID	Item Name	Quantity	Units	Unit Price	Extended
1		Emergency Nighttime/Holiday Call Out To include same day emergency fiber optic needs ("Call Out" Must Be Approved by City of Mobile MIT Department)	2.00	Hour		
2		Fiber Optic Diagnostic Testing to include OTDR, Red Light and Light Meter to determine quality of fiber optic link or fault.	1.00	Hour		
3		Fiber Optic Enclosure Housing preparation and installation (both wall and rack) Install	1.00	Each		
4		Fiber Optic Enclosure Housing -- Simplex Patchcord/Pigtail preparation for fusion splicing to include both Multimode and Singlemode. Install	12.00	Each		
5		Fiber Optic cable preparation (any count fiber ) Install	2.00	Each		
6		Fiber Optic Splice Case preparation (to include expansion kits ) Install	1.00	Each		
7		Fiber Optic Existing Splice Case Opening and re-entry	1.00	Each		
8		Fiber Optic Fusion Splicing both Multimode and Singlemode with a dB loss of .18 and lower documented, to include splicing sleeve. Install	24.00	Each		
8		Miscellaneous Fiber Optic repair or install. Labor Only	2.00	Hour		
<b>TOTAL BID FOR ITEM #2</b>						

### ITEM #3 UNDERGROUND BORING

Line NO	Item ID	Item Name	Quantity	Units	Unit Price	Extended
1		Buried (Trenched or Directional Drilling) duct HDPE SDR11 - single conduit, SDR11 1 1/4 inch conduit Furnish and Install	500.00	LF		
2		Buried (Trenched or Directional Drilling) duct HDPE SDR9 - single conduit, SDR9 1 1/4 inch conduit Furnish and Install	500.00	LF		
3		Buried (Trenched or Directional Drilling) duct HDPE SDR11 - dual conduits, SDR11 1 1/4 inch conduit (1 1/4 inch x 2) Furnish and Install	500.00	LF		
4		Buried (Trenched or Directional Drilling) duct HDPE SDR9 - dual conduits, SDR9 1 1/4 inch conduit (1 1/4 inch x 2) Furnish and Install	500.00	LF		
5		Buried (Trenched or Directional Drilling) duct HDPE SDR11 - single conduit, SDR11 2 inch conduit Furnish and Install	500.00	LF		
6		Buried (Trenched or Directional Drilling) duct HDPE SDR9 - single conduit, SDR9 2 inch conduit Furnish and Install	500.00	LF		
7		Buried (Trenched or Directional Drilling) duct HDPE SDR11 - dual conduits, SDR11 2 inch conduit ( 2 inch x 2 ) Furnish and Install	500.00	LF		
8		Buried (Trenched or Directional Drilling) duct HDPE SDR9 - dual conduits, SDR9 2 inch conduit ( 2 inch x 2 ) Furnish and Install	500.00	LF		
9		36" L x 24" W x 30" D Open bottom concrete pull box. Install	1.00	Each		
10		36" L x 24" W x 36" D Open bottom concrete pull box. Install	1.00	Each		

### ITEM #3 UNDERGROUND BORING

Line NO	Item ID	Item Name	Quantity	Units	Unit Price	Extended
11		3 inches of clean pea gravel for 36" L x 24" W open bottom handhole box. Furnish and Install	1.00	Each		
12		Pull string for installed conduits, all sizes, 1800 lbs. Tensile Strength. Furnish and Install	500.00	LF		
13		Conductor, #10 Stranded Green (Tone Wire) Furnish and Install	500.00	LF		
14		Proof, Clean Existing Customer Conduit for additional fiber optic cable installation.	500.00	LF		
15		Marker Post for Handholes and Fiber Optic conduit lines. Install	1.00	Each		
16		Trench in 1 1/4 inch Schedule 40 PVC conduit. Furnish and Install	25.00	LF		
17		Trench in 2 inch Schedule 40 PVC conduit. Furnish and Install	25.00	LF		
18		Pull in One ( 1 ) Fiber Optic Cable in conduit system. Install	500.00	LF		
19		Pull in Two to Three ( 1 - 2 ) additional Fiber Optic Cables in conduit system. Install	500.00	LF		
20		Pull in One ( 1 ) Fiber Optic Cable in City of Mobile buildings to designated locations as specified. Install	100.00	LF		
21		Pull in One to Two ( 1 - 2 ) Additional Fiber Optic Cables in City of Mobile buildings to designated locations as specified. Install	100.00	LF		
22		Conduit PVC Schedule 40 , 2 inch , to include strapping for above ground building penetration. Furnish and Install	10.00	LF		
23		PVC Schedule 40, 2 inch, LB Fitting, for above ground building penetration. Furnish and Install	1.00	Each		
24		Wall Coring, 2 inch to 3 inch diameter for conduit entry, wall thickness 1 inch to 6 inch	1.00	Each		

### ITEM #3 UNDERGROUND BORING

Line NO	Item ID	Item Name	Quantity	Units	Unit Price	Extended
25		Wall Coring, 2 inch to 3 inch diameter for conduit entry, wall thickness 7 inch to 12 inch	1.00	Each		
26		Wall Coring, 2 inch to 3 inch diameter for conduit entry, wall thickness exceeding 12 inches, per inch	1.00	Each		
27		Concrete Removal and Replacement for sidewalks and driveways, 4 inch thickness. Furnish and Install	100.00	Sq. Ft.		
28		Concrete Removal and Replacement for sidewalks and driveways, 6 inch thickness. Furnish and Install	100.00	Sq. Ft.		
29		Concrete Removal and Replacement for sidewalks and driveways, 8 inch thickness. Furnish and Install	100.00	Sq. Ft.		
29		Miscellaneous Underground systems repair or install. Labor Only	4.00	Hour		
<b>TOTAL BID FOR ITEM #3</b>						



## PROCUREMENT DEPARTMENT

Potential bidders are responsible to check this site for any **ADDENDUMS** that are issued. It is the responsibility of the **BIDDER** to check for, download, and include with their **BID RESPONSE** any and all **ADDENDUMS** that are issued for a specific **BID** published by the City of Mobile. Failure to download and include **ADDENDUMS** in your **BID RESPONSE** may cause your bid to be rejected.

This is a sealed bid. Any responses faxed or e-mailed will be rejected.

This is a sealed bid. Any response must be submitted in a sealed envelope with the bid number and bid opening date on the outside of the envelope.

Any response that arrives improperly marked or with no bid number and opening date on the outside of the delivery or express package and opened in error will be rejected and not considered.

It is the responsibility of the bidder to insure that their bid response is delivered to and received in the Purchasing Department before the date and time of the bid opening.

Be sure to read the Terms and Conditions. All bids are F.O.B. Destination unless otherwise stated.

Be sure to sign your bid!

**Package/Bid Delivery Address:**  
**Purchasing Department**  
**205 Government St. Room S408**  
**Mobile, AL 36644**

**(Request First Delivery)**