

**PROCUREMENT DEPARTMENT**  
Rm 120 Municipal Services Building  
Philadelphia, PA 19102-1685  
FAX: (215) 686-4716

# CITY OF PHILADELPHIA

Hugh Ortman  
Procurement Commissioner

May 7, 2012

**BID NUMBER:** S2YC4870  
**TITLE:** Fiber Optic Supplies and Equipment  
**DEPARTMENT:** Streets Department  
**DATE TO OPEN:** May 09, 2012 at 10:30 AM

## ADDENDUM # 1

**TO ALL BIDDERS:**

**You are hereby notified of the following changes to the above mentioned bid:**

Subject bid #S2YC4870 is postponed until further notice.

Please sign, date and return this addendum with your bid to the Procurement Department, 1401 J.F.K Boulevard, Bid Room 170A, Philadelphia, PA 19102-1685 as it now becomes a part of the proposal.

A. Campfield  
Buyer, A. Campfield

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
FIRM NAME (PRINT)

\_\_\_\_\_  
DATE

AC/sj

**PROCUREMENT DEPARTMENT**  
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# CITY OF PHILADELPHIA

Hugh Ortman  
Procurement Commissioner

May 11, 2012

**BID NUMBER:** S2YC4870  
**TITLE:** Fiber Optic Supplies and Equipment  
**DEPARTMENT:** Streets  
**DATE TO OPEN:** June 01, 2012 at 10:30 AM

## ADDENDUM # 2

**TO ALL BIDDERS:**

**You are hereby notified of the following changes to the above mentioned bid:**

Subject bid #S2YC4870 will now open on June 1, 2012 at 10:30 A.M.

The City reserves the right not to accept any questions at this time for subject bid #S2YC4870.

Please refer to the attached information:

1. BID REVISIONS
2. Vendor Questions and Answers

**BID REVISIONS**

**Delete the following from Section 5.1.1:**

Item	Dist. List Price	Net Price To City
5.1.1.1 Standard ADSS Fiber Optic Cable	\$ _____	\$ _____
5.1.1.2 36 SM 6 strand to 144 strand, Single Mode	\$ _____	\$ _____
5.1.1.3 36 SM 6 strand to 144 strand, Multimode	\$ _____	\$ _____
5.1.1.4 12 SM 6 strand to 144 strand, Single Mode	\$ _____	\$ _____
5.1.1.5 12 SM 6 strand to 144 strand, Multimode	\$ _____	\$ _____
Total for Section 5.1.1	\$ _____	\$ _____
Difference (List Price Total Minus Net Price to City Total)		\$ _____
Discount (Difference Divided by List Price Total)		_____ %

**Replace with the following:**

Item	Dist. List Price	Net Price To City
5.1.1.1 Standard ADSS Fiber Optic Cable	\$ _____	\$ _____
5.1.1.2 6 strand, Single Mode	\$ _____	\$ _____
5.1.1.3 6 strand, Multimode	\$ _____	\$ _____
5.1.1.4 18 strand, Single Mode	\$ _____	\$ _____
5.1.1.5 18 strand, Multimode	\$ _____	\$ _____

Item	Dist. List Price	Net Price To City
5.1.1.6 48 Strand, Single Mode	\$ _____	\$ _____
5.1.1.7 48 Strand, Multimode	\$ _____	\$ _____
5.1.1.8 144 Strand, Single Mode	\$ _____	\$ _____
5.1.1.9 144 Strand, Multimode	\$ _____	\$ _____
Total for Section 5.1.1	\$ _____	\$ _____
Difference (List Price Total Minus Net Price to City Total)		\$ _____
Discount (Difference Divided by List Price Total)		_____ %

**QUESTIONS AND ANSWERS**  
**Fiber Optic Supplies and Equipment**  
**INVITATION AND BID NO. #S2YC4870**  
**NON-MANDATORY PRE-BID MEETING OF April 25, 2012**

1. Upon the completion of the initial contract term, what is the likelihood that the dollar amount of the contract increases during the renewal period to reflect additional material required by the City?

*Answer: Any increase in the dollar amount of the contract will be based upon the requirements of the City. Exact quantities required during the renewal period cannot be determined and a minimum is not guaranteed.*

2. Section 1.2.2 states, "If an individual Performance Bond and/or Payment Bond is required under this Invitation and Bid, such bond(s) shall be and remain in full force and effect throughout the Initial Term, all Renewal Terms, any Additional Performance Period, and the period of any unexpired warranty provided or required under the Contract..."

How will the contract amounts factored during the renewal periods to determine the level of performance security required? My concern is, if the contract amounts during the renewal periods are compounded, and the contract reaches \$500,000, would this require the vendor to seek an additional performance bond?

*Answer: The Performance security fee will be based on the estimated expenditures for an individual renewal period. Performance security will not be based on the sum total of multiple renewal periods.*

3. In section 2.3.4.1, ADSS (All dielectric, self supporting) fiber optic cable is mentioned. This product is primarily engineered to order, and the following information is required:

- a. What is the average span length of the poles that this cable will be installed on?

*Answer: The average span length of the poles is 75 to 125 feet.*

- b. What are the NESC (National Electric Safety Code) loading conditions (i.e. Heavy, Medium or Light)

*Answer: Heavy*

- c. What is the maximum span length that occurs within the planned cable route?

Answer: *The maximum span length is 150 feet.*

4. In section 2.3.4.1, there are several numbers listed with each fiber type, and I am not sure if all the cables requested are supposed to be ADSS or other constructions as well. Please elaborate on the cable types, and answer the following:

- a. What are the cable construction(s) required in the bid? (i.e. ADSS, dielectric with central strength member, armored, loose tube, indoor/outdoor, plenum, riser, tight buffer, etc.)

Answer: *ADSS with central strength member, loose tube, tight buffer. The City of Philadelphia purchases all different kinds of cable depending on application.*

- b. What are the ranges of fiber count that the City would order of each cable type?

Answer: *The ranges of fiber count are 6, 12, 18, 36, 48, 72 and 144.*

- c. In what quantity does the City typically purchases fiber optic cable? (i.e. full/partial reels, custom cuts, etc.)

Answer: *The City usually orders full reels. However, the City will work with supplier on lengths.*

- d. What standards, if any, does the City require on the performance of the fiber (i.e. attenuation, etc.)?

Answer: *The fiber must be tested prior to shipping and test results should be attached to reel.*

- e. For the multimode fiber:

1. What mode field diameter does the City require?

*Answer: The City uses both 50um and 62.5um.*

2. If it is 50um, what level of optimization is acceptable?

*Answer: 320 optimization on 10 G.*

5. In sections 2.3.5.2 and 2.3.5.3, can the City provide a framework or examples of materials previously purchased from these manufacturers?

*Answer: Examples of materials previously purchased are as follows:*

- a. Splice closure; 4 cable entries, accepts 5 trays, fiber count 60*
- b. Splice trays, holds 12 bare fiber or crimp type protectors*
- c. Connector ST compatible, single mode unicom connector w/super polish and rotating cam*
- d. Test fiber box, multi-mode; 300 Ft standard strand (ST-ST)*
- e. Cord; Fiber patch cord; duplex, single mode ST to ST, 2 meters*
- f. Cord; Fiber patch cord; duplex, multi-mode ST to ST, 2 meters*
- g. Sleeves, 2170 3M optical*
- h. Cannister, 45 wipe single; fiber clean; corning FC45-1*
- i. Wall mountable interconnector #WIC-024*
- j. Panels, Fiber, single mode #WIC-CPI-19*
- k. Wall mountable interconnect – housing WIC-024*
- l. Connector ST compatible PC ceramic, multi-mode unicom for 62.5 um fiber w/ ceramic ferrule*
- m. Couplers, ceramic; panel w/6strands; single mode*
- n. Kit, indoor fan-out, 25”*
- o. Kit, for fan out; install*

- p. Corning cable part, FANOD25-12, component used to properly field terminate fiber optic cable
- q. Visual fault locator

6. How can we obtain purchasing history for fiber optic supplies and equipment?

*Answer: Within the past four years, the City has spent on average \$89,000 per year for Fiber Optic Supplies and Equipment. For additional information, vendor is instructed to contact the Procurement Public Information Unit at 215-686-4720.*

7. As a woman owned business registered with OEO, our reporting of the participation amount would be covered under our WBE status, correct?

*Answer: The certified minority and women vendors bidding as prime must be listed in the OEO registry in order for their participation to be counted by the City towards the ranges. In addition, please note that certified minority and women business non-stocking suppliers receive credit for their mark up only. Thus, the non-stocking supplier may not meet the suggested participation ranges. The CAF information given within this bid, references subcontractors, however, if the certified vendor needs to subcontract a larger portion of the work, the participation of that certified vendor may be viewed as performing a smaller portion of the work. According to the Antidiscrimination Policy concerning CAF:*

*"...A M/W/DSBE is considered to perform a CAF when it engages in meaningful work or supply effort that provides for a distinct element of the subcontract (as required by the work to be performed in accordance with the Bid), where the distinct element is worthy of the dollar amount of the subcontract and where the M/W/DSBE carries out its responsibilities by actually performing, managing and supervising the work involved; M/W/DSBE subcontractors must perform at least twenty percent (20%) of the cost of the subcontract (not including the cost of materials, equipment or supplies incident to the performance of the subcontract) with their own employees. The OEO may evaluate the amount of work subcontracted, industry practices and any other relevant factors in determining whether the M/W/DSBE is performing a CAF. If it is determined during the review of your Solicitation and Commitment Form that the work described on the Form does not constitute a CAF, your bid may be rejected. For example, a Bidder using an M/W/DSBE non-stocking supplier (i.e., a firm that does not manufacture or warehouse the materials or equipment of the general character described by the Bid specifications and required under the contract) to furnish equipment or materials will only receive credit towards the participation ranges for the fees or commissions charged, not the entire value of the equipment or materials furnished.*

8. Regarding section 5.1.1.1:

- a. Standard ADSS cable?

*Answer: This is All-Dielectric self supporting cable*

- b. Does a part number exist?

*Answer: NO*

- c. If not, may I have the LOAD Rating and the span lengths?

*Answer: The LOAD rating is NESC - Heavy; the spans lengths are 75 ft, 100 ft, 125 ft.*

9. Regarding sections 5.1.1.2 thru 5.1.1.5:

- a. Please explain exactly what you need pricing on.

*Answer: Items 5.1.1.2 through 5.1.1.5 are representative samples of the type of items that the City requires. Vendor is instructed to provide the Distributor's list price and the price (net price) it will charge the City for each sample item. The difference between the Distributor's price and the net price will be used to compute the discount to the Distributor's list.*

- b. Are you looking for prices on all cable counts from 6 to 144 strand?

*Answer: Please see bid revisions.*

- c. What does the number before "SM" represent..i.e. 36 SM,12 SM....?

*Answer: SM stands for Singlemode.*

Please sign, date and return this addendum with your bid to the Procurement Department, 1401 J.F.K Boulevard, Bid Room 170A, Philadelphia, PA 19102-1685 as it now becomes a part of the proposal.

A. Campfield  
Buyer, A. Campfield

\_\_\_\_\_

AUTHORIZED SIGNATURE

\_\_\_\_\_

FIRM NAME (PRINT)

\_\_\_\_\_

DATE

AC/sj