



Office of the City Manager

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Memo

To: Members of Dublin City Council
From: Dana L. McDaniel, City Manager 
Initiated By: Colleen Gilger, Director of Economic Development
Doug McCollough, Chief Information Officer
Date: January 21, 2016
Re: Resolution 05-16 – Waiving Competitive Bidding for the Construction of Certain Fiber Optic Lateral Routes

Background

The City possesses a 125 mile conduit and fiber optic system throughout Central Ohio known as Dublink. Approximately 25 miles of Dublink is located within Dublin's commercial district (Attachment A). City Council budgeted in its 5 Year CIP the concept of a 100-gigabit fiber optic backbone. Critical to the development of this backbone is the need to extend optical fiber laterals from the main lines to individual office buildings.

Additional optical fiber capacity was added in late 2015 along a portion of the existing Dublink route (Attachment B) and within the City's conduit already populated with the City's optical fiber. Additional optical fiber was needed to provide enough fiber count to help provide adequate distribution capacity.

Now, additional fiber laterals must be built and extended from the curbside conduit into approximately 16 office buildings in the Metro Office District area as deployment to individual companies begins.

The 100-gigabit project will accomplish the following:

- Provide greater fiber at the curb and fiber to the building in the City's legacy office parks.
- Provide additional bandwidth and service delivery choices for companies, at lower costs.
- Provide a research backbone that will better enable Dublin companies to access the Ohio Academic Resource Network (OARnet) and the Ohio Supercomputer.
- Enable companies to access a data center/cloud computing center. Access to this center will enable access to competitive internet service providers and off site data storage.
- The 100 gigabit deployment can also help to make our legacy office parks/buildings more competitive by providing a unique broadband infrastructure with competitive offerings.

Resolution No. 05-16 proposes to waive competitive bidding in the best interest of the City for the following reasons:

1. The placement of fiber optics and construction and splicing of new fiber optic laterals is particularly sensitive due to the Dublink system being "live" with multiple users.

2. Columbus Fibernet/Fishel Company has been responsible for the design, construction, maintenance and management of the Dublink system since its inception.
3. Columbus Fibernet/Fishel Company has the ongoing responsibility to ensure the operational integrity and accountability of the system's optical fibers.
4. Staff is confident that Columbus Fibernet/Fishel Company possesses the knowledge and capacity to respond to service disruptions that may occur during execution of the project.
5. Columbus Fibernet/Fishel Company would retain the responsibility of the integrity of the system before, during and after the splicing of the new optical fibers. This would allow for a seamless "ownership" of the system's integrity.
6. Staff is confident that the estimates provided for these projects are competitive based on other similar projects.

Recommendation

Staff recommends Council approval of Resolution No. 05-16. Contact Colleen Gilger or Doug McCollough with any questions.

RECORD OF RESOLUTIONS

Dayton Legal Blank, Inc., Form No. 30045

Resolution No. 05-16 Passed _____, 20____

A RESOLUTION WAIVING COMPETITIVE BIDDING REQUIREMENTS, PURSUANT TO SECTION 8.04 ("CONTRACTING PROCEDURES"), PARAGRAPH (C) ("WAIVER OF COMPETITIVE BIDDING") FOR THE CONSTRUCTION OF CERTAIN FIBER OPTIC LATERALS AND AUTHORIZING THE CITY MANAGER TO ENTER INTO A CONTRACT WITH COLUMBUS FIBERNET

WHEREAS, the City of Dublin possesses over 125 miles of conduit and fiber optics, together referred to as Dublink; and

WHEREAS, the City budgeted in its 2014-2018 Capital Improvements Budget a 100-gigabit fiber optic project; and

WHEREAS, this project will require fiber optic laterals to be installed between the existing Dublin conduit and multiple office buildings within the Metro Office District area; and

WHEREAS, it will be challenging as existing Dublink optical fiber will be spliced and routed into multiple office buildings; and

WHEREAS, it is critical to maintain the operational integrity of the Dublink system during this construction, splicing and installation; and

WHEREAS, the Fishel Company and its subsidiary, Columbus Fibernet, have been responsible for the design, construction, management and maintenance of the Dublink system, since its inception; and

WHEREAS, Council has determined that it is in the best interest of the City to waive competitive bidding for this project; and

WHEREAS, Council has determined that the quote submitted by Columbus Fibernet in the amount not to exceed \$250,000 is fair and appropriate.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Dublin, State of Ohio, _____ of the elected members concurring, that:

Section 1. Competitive bidding requirements are hereby waived for the placement of fiber optic lateral from existing City of Dublin Dublink conduit into multiple office buildings for the 100-gig project.

Section 2. The City Manager is hereby authorized to enter into an agreement with Columbus Fibernet for the design, construction and installation of certain fiber optic laterals in an amount not to exceed \$250,000.

Section 3. This Resolution shall take effect upon passage in accordance with Section 4.04(a) of the Revised Charter.

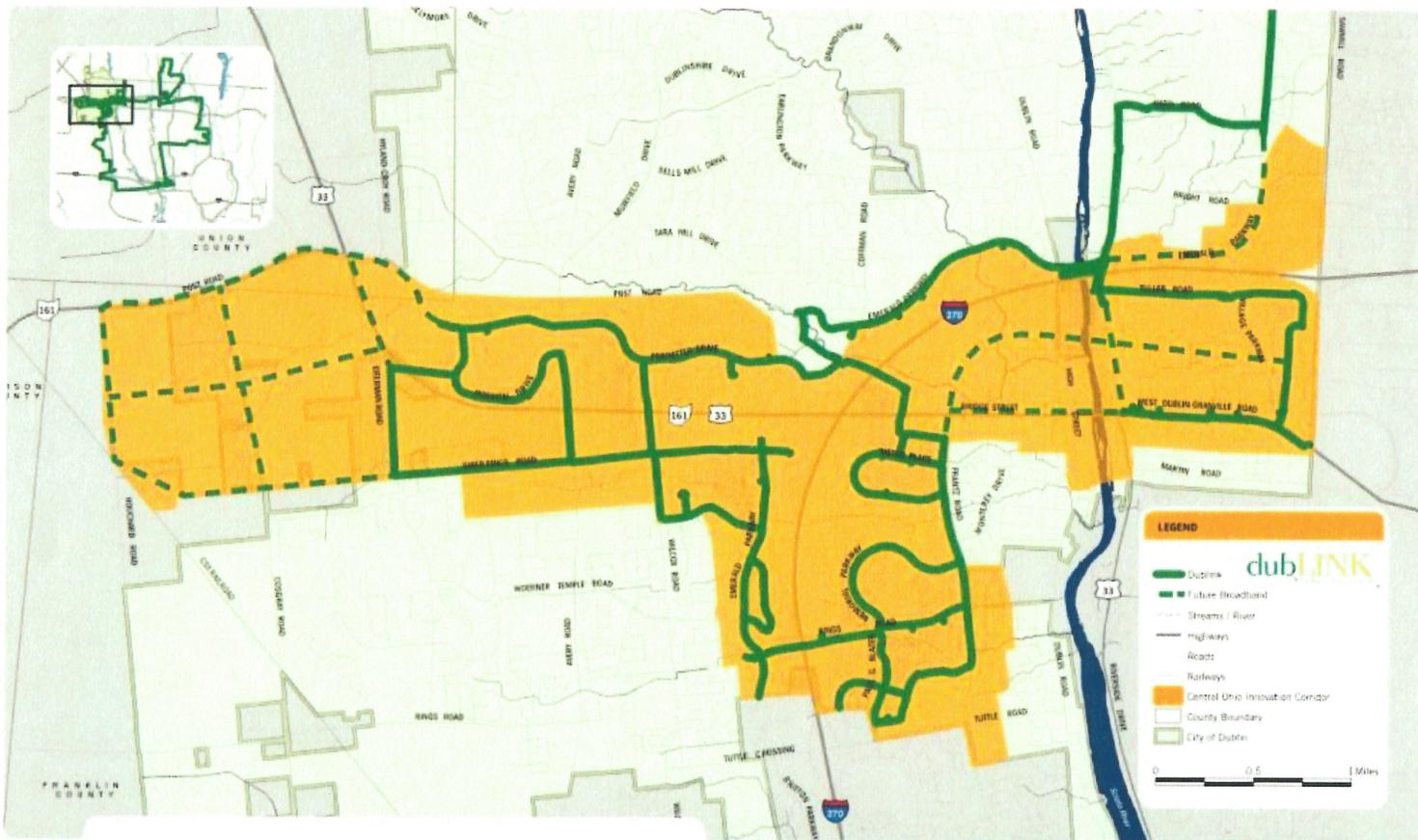
Passed this _____ day of _____, 2016.

Mayor - Presiding Officer

ATTEST:

Clerk of Council

ATTACHMENT A



City-Owned
Optical Fiber Network



ATTACHMENT B
Red line = route for additional optical fiber placement

