




City of Dublin

Office of the City Manager

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Memo

To: Members of Dublin City Council

From: Dana L. McDaniel, City Manager 

Date: May 3, 2018

Initiated by: Megan O'Callaghan, P.E., Public Works Director
Paul A. Hammersmith, P.E., Director of Engineering/City Engineer
Todd A. Garwick, P.E., Senior Civil Engineer

Re: Resolution No. 23-18 – Bid Acceptance for Sanitary Sewer Extensions - Areas 11A and 11B, and Limerick Lane Stormwater Improvements

Summary

On April 30, 2018, two (2) bids were received, publicly opened, and read for the Sanitary Sewer Extensions – Areas 11A and 11B, and Limerick Lane Stormwater Improvements. This Sanitary Sewer Extension project involves the construction of approximately 3,664 linear feet of 8-inch sanitary sewer pipe. This sanitary sewer pipe will be constructed along Bellaire Court, Limerick Lane, Bellaire Avenue, and Dublin Road as depicted on the attached location map (page 4). The existing 36-inch sanitary trunk sewer in the north-south leg of Bellaire Avenue serves as the primary point of connection for the new 8-inch sanitary sewer pipes.

The Limerick Lane Stormwater Improvements project involves the construction of approximately 1,508 linear feet of public storm sewer along Limerick Lane. This stormwater improvement will convey stormwater runoff from areas just west of Dublin Road at Limerick Lane, and also along Limerick Lane, and eventually discharge stormwater into the Scioto River.

On December 7, 2015, Dublin City Council adopted a policy regarding public water and sanitary sewer utility extensions to areas that do not currently have access to these public services. The policy outlines a process by which the City of Dublin will identify, prioritize and implement the design and construction of public utility service extensions. The City has developed a conceptual 15-year plan for extending water and sewer lines to developed properties within City limits.

The Sanitary Sewer Extension – Areas 11A and 11B Project is the first project being constructed from the conceptual 15-year implementation plan. This project extends 8-inch public sanitary sewer lines into existing Dublin Estates and Lancashire subdivisions, as well as several Dublin Road parcels. The first 8-inch public sanitary sewer line will be extended from the intersection of Bellaire Avenue and Bellaire Court, and then west into Bellaire Court to serve 4 parcels. Another 8-inch public sanitary sewer line will be extended from the intersection of Bellaire Avenue and Limerick Lane, and then west on Limerick Lane to serve 9 parcels. This Limerick Lane extension includes two parcels on the west side of Dublin Road. Also, an 8-inch public sanitary sewer line will be extended from the parcel area for 7640 Bellaire Avenue, and then west along Bellaire Avenue to Dublin Road, resulting in service to 8 parcels. Lastly, an 8-inch

public sanitary sewer main will be extended north and south along Dublin Road frontage to serve 8 parcels.

This project has the potential to serve 29 existing parcels of which 26 parcels have various types of existing household sewage treatment systems (HSTS). The construction of this project will allow 3 existing undeveloped parcels the potential to connect to the public sanitary sewer system.

The project required the City to acquire necessary easements from various property owners on Dublin Road, Bellaire Court, Limerick Lane, and Bellaire Avenue within the project area. The City participated in good faith discussions with all property owners and came to mutually agreeable terms with all owners to donate the easements to the City at no cost. The adoption of Ordinance Nos. 05-18 through 20-18 at the second reading/public hearing at the February 26, 2018, Council meeting authorized the City Manager to execute all necessary conveyance documents for these easements. The easements have all been executed and recorded.

The Engineer's estimate for this project is \$1,027,907.50. The 2018 available funds for these projects are \$590,000.00 for the sanitary sewer extensions from the Sewer Fund and \$505,000.00 for the stormwater improvements from the General Fund, providing total available funding of \$1,095,000.00. For Council reference and review, a reduced set of project construction drawings has been placed in the Council Planning Room. This project is expected to commence in June of 2018 and shall be completed by November 12, 2018. Staff will ensure that appropriate traffic control and site restoration are performed as necessary.

George J. Igel & Co., Inc. (Igel) submitted the lowest and best bid of \$1,405,668.80. Staff has reviewed the bids as summarized below.

Bidder	Bid as Read	Bid as Read Over (+) or Under (-) Engineer's Estimate	Corrected Bid
George J. Igel & Co., Inc.	\$1,405,668.80	+ 32.0%	N/A
Shelly & Sands, Inc.	\$1,509,919.50	+ 41.8%	N/A

Staff has compared the Engineer's estimate to the two bids received, and in particular the Igel bid. The sanitary sewer extensions portion of the project are \$365,868.90 over the Engineer's estimate, while the stormwater improvements portion is \$11,892.40 under the estimate. In evaluating the Igel bid, the greatest increases in the sanitary sewer cost of the project are related to maintaining traffic, mobilization, 8-inch sanitary pipe and 6-inch pipe (for house services) which all total \$319,470.00. Notably, the pipe cost as bid represents a 110% increase over the Engineer's estimate. Staff understands a large portion of this increase is the result of recent significant increases in pipe material cost. Another likely factor impacting the bids is the performance of the project in an established neighborhood and the associated logistics which relate to traffic maintenance and mobilization. Considering the two bids submitted are relatively close, staff believes the Engineer's estimate did not accurately reflect the true cost to perform the sanitary sewer portion of this project.

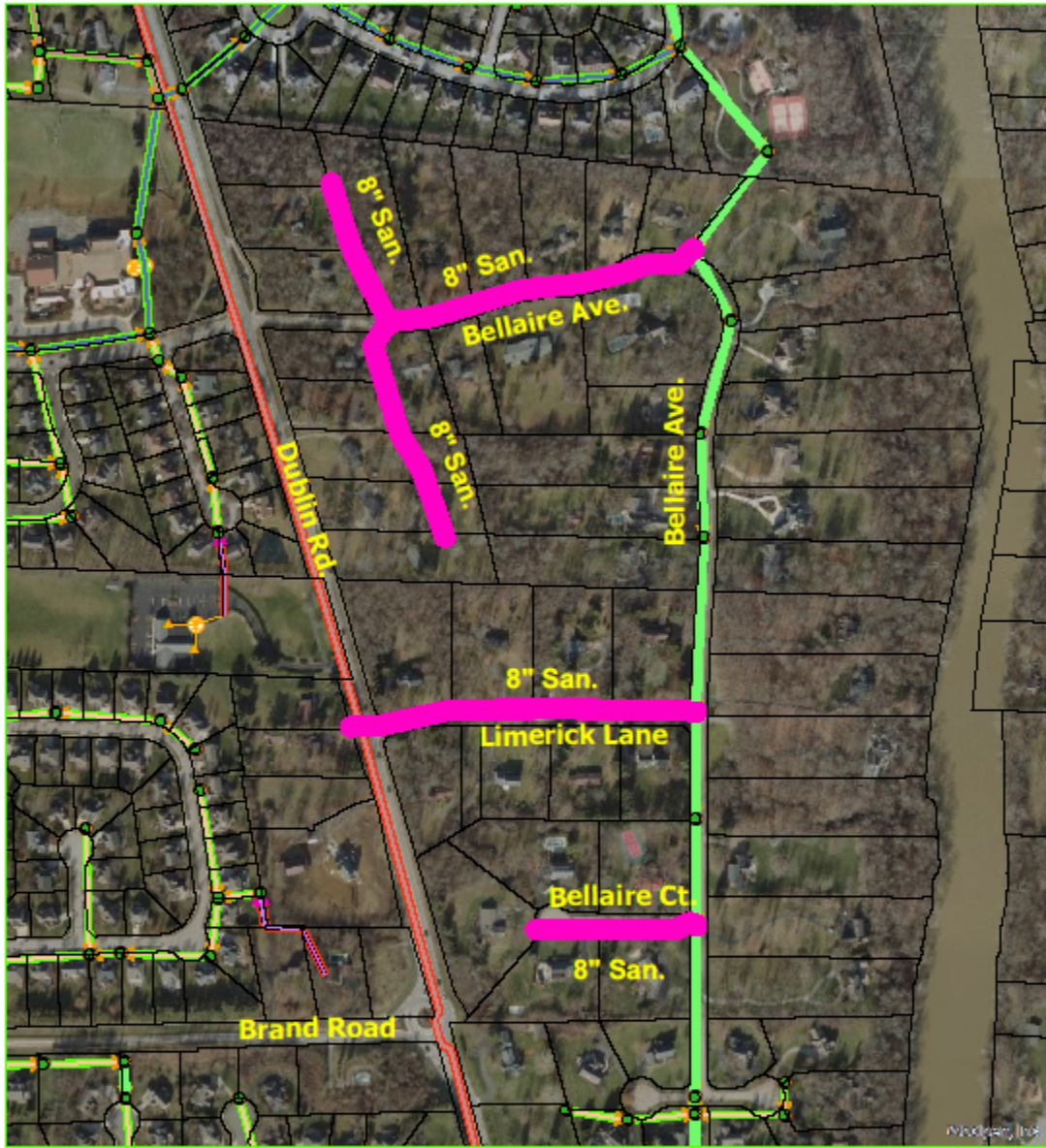
The sanitary sewer extensions cost as bid is \$390,130.40 more than the available funding from the Sewer Fund, while the stormwater improvements are \$79,461.60 less than the available funding from the General Fund. Regarding the sanitary sewer portion of the project, the additional funds will be made available in the Sewer Fund from reprioritizing other work including sanitary sewer lining.

Recommendation

Staff has thoroughly reviewed the bid from George J. Igel & Co., Inc. and found it to be a true and accurate cost to perform the specified work for this project. Previous experience with George J. Igel & Co., Inc. has been favorable, including these projects: construction of Emerald Parkway Phase 8 (2014); the Hyland-Croy Road/Brand Road and Brand Road/Coffman Road roundabouts (2013); and the Smart Parking Lot along Frantz Road (2017). The City staff has been satisfied with the performance of George J. Igel & Co., Inc. and the quality of their completed work.

Staff recommends Council approval of Resolution No. 23-18, accepting as lowest and best the bid from George J. Igel & Co., Inc. in the amount of \$1,405,668.80 and authorizing the City Manager to enter into a contract with George J. Igel & Co., Inc. for this project.

Location Map



Sanitary Sewer Extensions Areas 11A and 11B



RECORD OF RESOLUTIONS

Dayton Legal Blank, Inc., Form No. 30045

Resolution No. 23-18

Passed _____, 20____

A RESOLUTION ACCEPTING THE LOWEST AND BEST BID FOR THE SANITARY SEWER EXTENSIONS FOR AREAS 11A AND 11B, AND THE LIMERICK LANE STORMWATER IMPROVEMENTS PROJECT

WHEREAS, formal advertising and competitive bidding procedures have been conducted, pursuant to Section 8.04 of the Dublin Charter and Chapter 37 of the Dublin Code, for the Sanitary Sewer Extensions to Areas 11A and 11B, and for the Limerick Lane Stormwater Improvements; and

WHEREAS, the Community Plan states an objective to provide safe and efficient collection of wastewater and stormwater; and

WHEREAS, Council has determined that the bid submitted by George J. Igel & Company, Inc. constitutes the lowest and best bid.

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

Section 1. The bid submitted by George J. Igel & Company, Inc. in the total amount of \$1,405,668.80 is hereby accepted.

Section 2. The City Manager is hereby authorized to enter into contracts with George J. Igel & Company, Inc. for performance and completion of the Sanitary Sewer Extensions to Areas 11A and 11B, and for the Limerick Lane Stormwater Improvements pursuant to the Advertisement, Proposal and Contract Documents for said project on file in the Office of the City Engineer.

Section 3. This Council further hereby authorizes and directs the City Manager, the Director of Law, the Director of Finance, the Clerk of Council, or other appropriate officers of the City to prepare and sign all other agreements and instruments and to take any other actions as may be necessary to implement this Resolution and complete the Project.

Section 4. This Resolution shall take effect upon passage in accordance with Section 4.04(a) of the Revised Charter.

Passed this _____ day of _____, 2018.

Mayor - Presiding Officer

ATTEST:

Clerk of Council