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: November 3, 2016

Initiated By: Paul A. Hammersmith, PE, Director of Engineering/City Engineer
Todd Garwick, PE, Senior Civil Engineer

Re: **Resolution 55-16 - Deer Run Sanitary Sewer Upsizing Project – Bid Acceptance**

Summary

On October 18, 2016, two (2) bids were received, publicly opened and read for the Deer Run Sanitary Sewer Upsizing project. This project involves the construction of approximately 990 feet of 15-inch sanitary sewer pipe upsizing, four manholes, reconstruction of a Muirfield Village Golf Club cart path, with 336 feet of associated curb and gutter, and surface restoration on the Muirfield Village Golf Club golf course and two (2) adjacent residential properties. Additionally, this project includes approximately 170 feet of 12-inch pipe bursting (a technique that expands the existing pipe), which will increase the size of an existing eight-inch sanitary sewer pipe located beneath Muirfield Drive between Locherbie Court and Springburn Drive. This is the first of several construction projects in the Deer Run Sanitary Sewer System as identified in a completed modeling report for the Deer Run sanitary sewer tributary area. This project and the modeling report are a result of the City's compliance with the Director's Final Findings and Orders (DFFO) as required by the Ohio Environmental Protection Agency (OEPA).

The Engineer's estimate for this project is $420,000.00. The budgeted funds for construction of this project in the 2016 Capital Improvements Program (CIP) (Sewer Fund) are $505,000 (ES1603). Danbert, Inc. submitted the lowest and best bid of $531,630.25.00. Staff has reviewed all bids and a summary of the bids is listed below.

Bidder	Bid as Read	Bid as Read Over (+) or Under (-) Engineer's Estimate	Corrected Bid
Danbert, Inc.	$531,630.25	+21.0%	$531,638.00
Complete General Construction	$689,450.00	+64.2%	

For Council reference and review, a reduced set of project construction drawings has been placed in the Council Planning Room.

While over 14 plan sets were issued during the bidding process, the required completion dates (March 17, 2017 for the sewer pipe installation and April 14, 2017 for the surface restoration work) may have limited the number of bid responses. These dates were established based on the requirements of the Muirfield Village Golf Club combined with the dates for the 2017 Memorial Tournament (May 29th through June 4th).

Staff has compared the Engineer's estimate to the bids received. The increased bid prices are the result of several factors: site constraints for the construction of the new 15-inch diameter sanitary sewer on the residential properties and Muirfield Village Golf Course; anticipated winter construction season and unknown weather conditions at that time; constructing the 15-inch sanitary sewer in non-traditional methods (essentially building the sanitary sewer upstream to the downstream connections points); and the aggressive construction schedule necessary to complete this work prior the Memorial Tournament. Given these factors, staff determined the Engineer's estimate did not fully reflect the true cost to perform this work.

Recommendation

Staff has thoroughly reviewed the bid from Danbert, Inc. Previous experience with Danbert, Inc. has been favorable, including these most recent projects: 2011-2016 Stormwater Maintenance Program; 2013 – 2016 Sanitary Sewer Maintenance Program; and Waterford Village Stormwater Improvements – Area 4 and 5.

Staff recommends approval of Resolution No. 55-16, accepting as lowest and best the bid of Danbert, Inc. in the amount of $531,638.00 and authorizing the City Manager to enter into a contract with Danbert, Inc. for this project.

RECORD OF RESOLUTIONS

Dayton Legal Blank, Inc., Form No. 30045

Resolution No. 55-16 Passed _____, 20____

A RESOLUTION ACCEPTING
THE LOWEST AND BEST BID FOR THE
DEER RUN SANITARY SEWER UPSIZING PROJECT

WHEREAS, formal advertising and competitive bidding procedures have been conducted, pursuant to Section 8.04 of the Revised Charter and Chapter 37 of the Dublin Code, for the Deer Run Sanitary Sewer Upsizing Project; and

WHEREAS, the 2007 Community Plan states an objective to continue efforts to remove inflow and infiltration sources within the existing sanitary sewer system; and

WHEREAS, on October 18, 2016, two (2) bids were received for the Deer Run Sanitary Sewer Upsizing Project; and

WHEREAS, Council has determined that the bid submitted by Danbert, Inc. constitutes the lowest and best bid.

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

Section 1. The bid submitted by Danbert, Inc. in the total amount of $531,638.00 is hereby accepted.

Section 2. The City Manager is hereby authorized to enter into contracts with Danbert, Inc. for performance and completion of the Deer Run Sanitary Sewer Upsizing Project 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 _____, 2016.

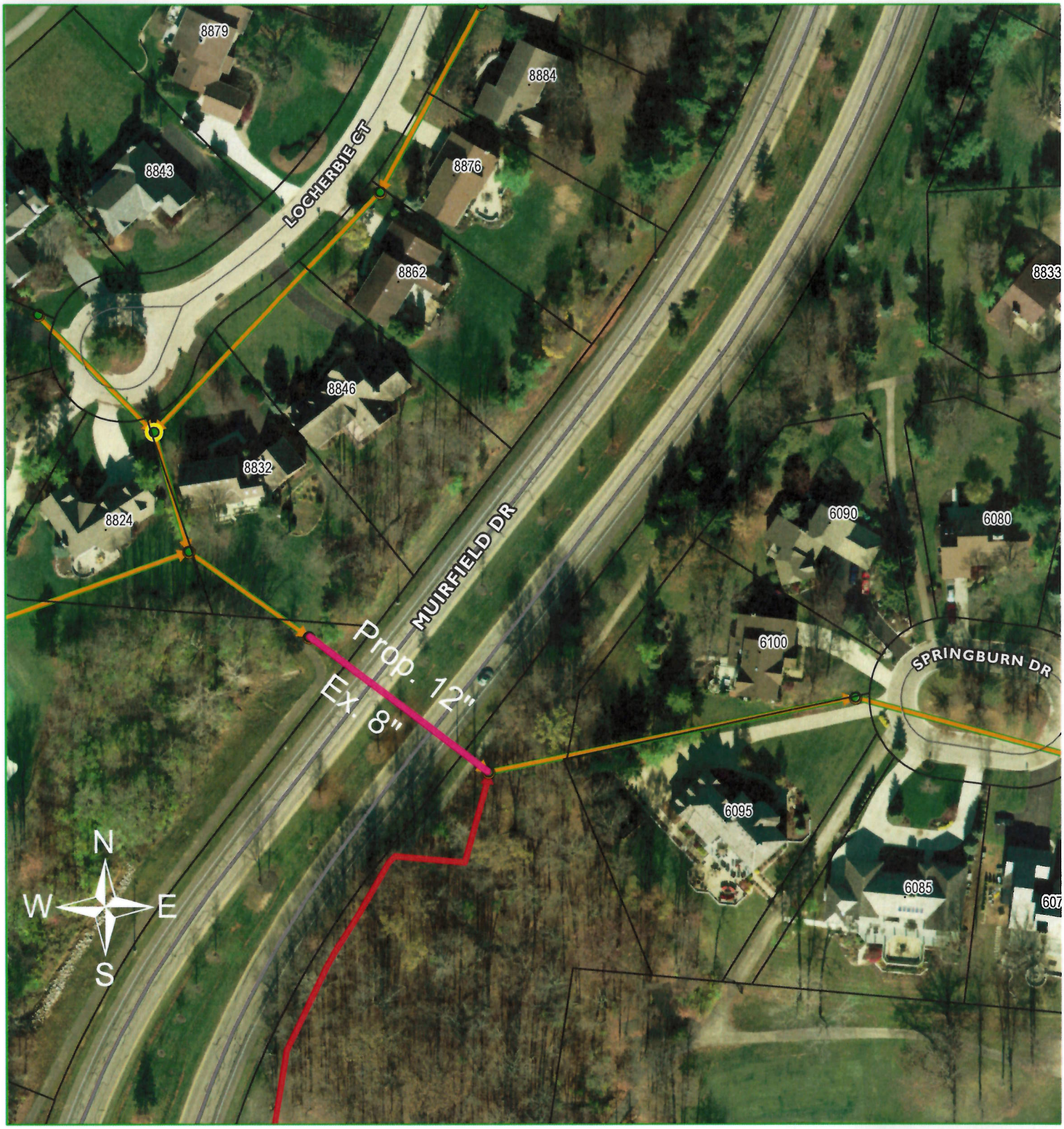
_____
Mayor - Presiding Officer

ATTEST:

_____
Clerk of Council

Deer Run Sanitary Sewer Upsizing
Project Location Map

10/31/16



City of Dublin
OHIO, USA

Muirfield Drive Upsizing

100 50 0 100 F

1 inch = 100 feet

Deer Run Sanitary Sewer Upsizing
Project Location Map

10/31/16

City of Dublin
OHIO, USA

Muirfield Village Golf Club
Hole #11

PID: 60034408056000

100 50 0 100 F

1 inch = 100 feet