



Memorandum

To: Members of City Council
From: Patricia Speese, Director of Public Works
cc: Mayor David Weiss, CAO Jeri Chaikin
Date: January 20, 2021
Re: **Request to Enter into an Agreement with DLZ for Engineering Services for Lomond / Lynnfield SSO 11**

The City of Shaker Heights was awarded a grant through the Northeast Ohio Regional Sewer District's (NEORS) Member Community Infrastructure Program (MCIP) for the design to mitigate the number of activations at the sanitary sewer overflows located at Lynnfield / Lomond (SSO 11). The estimated cost for designing the project is estimated to be \$225,000. NEORS will reimburse the City for 50% of the project cost.

In the Request for Proposal (RFP), the City outlined an approach that generally consisted of reducing infiltration and inflow, increasing capacity, and modifying the SSO structure. The consultant will be tasked with reviewing existing data, hydraulic modeling and collection of survey data. Based on this information the consultant will determine the most beneficial, cost effective approach to rehabilitate and / or replace the sewer mains to control the SSO at Lynnfield / Lomond to a 10-year, one hour event. The final task will be to prepare construction contract documents and probable costs of construction. Per the grant requirements, the design project will be completed by December 31, 2021.

On November 2, 2020 Public Works distributed Request for Proposals to seven (7) consultants and posted on the City's website. Three (3) consultants submitted proposals on November 20. Evaluations were performed by the Director of Public Works, Assistant Director of Public Works and Public Work's Superintendent. The Quality Based Selection (QBS) process was used to score the technical merits of the proposals. As part of the QBS process, fee is not used as a scoring criterion.

The scoring was based on criteria outlined in the RFP and consisted of:

- Technical Approach (40 Points)
- Project Team Experience (30 Points)
- Firm's Project Experience (30 Points)

The consultant firms that submitted proposals are as follows:

Consultant	Average Score	Fee
DLZ	97	\$242,205.50/ REVISED \$229,897
GPD Group	93	\$223,321
R2O	92	\$259,753

DLZ submitted an impressive proposal. During the pre-proposal meeting, the consultants were encouraged to think “outside of the box” and present potentially creative solutions. Throughout DLZ’s proposal, they illustrated various design concepts that may help mitigate the overflows at the SSO at Lynnfield / Lomond. This ranged from different rehabilitation methods, to replacement of various segments of sewer and the potential opportunity for green infrastructure. The project team presented various projects where these different strategies were successfully implemented. DLZ as a firm has provided consulting services to the City and NEORSD and has consistently provided sound engineering judgement and buildable deliverables. DLZ is the largest MBE Engineering firm in the country.

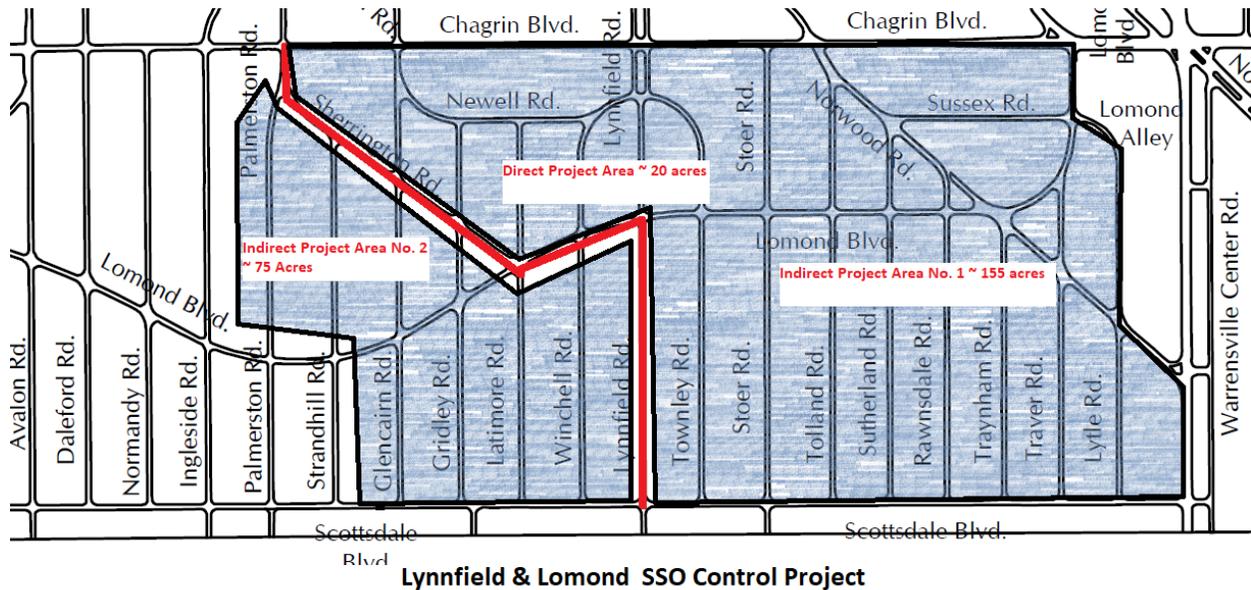
As illustrated in the attachment, the project limit area is approximately 20 acres. Within the project area, the team will be looking at a combination of increasing the capacity of the sanitary sewer and possible rehabilitation of section sections to minimize the activation of the SSO at Lynnfield / Lomond. This will be further refined in the design. The area tributary to the project limits is roughly 230 acres. With the anticipation of increasing the size of the sewers along Lomond and Sherrington, this will benefit the tributary areas by providing additional capacity.

Public Works staff interviewed the project team on December 11, 2020. Their enthusiasm for the project was authentic. In discussing the project and its goals, it was clear DLZ had assembled a team that had already reviewed much of the existing data and understood the challenges in this area due to previous work with the Sewer District. DLZ’s submitted fee was \$242,205.50. At the City’s request and further showing their commitment to the project, DLZ submitted a revised fee of \$229,897.

This request was unanimously approved at the January 8, 2021 meeting of the Safety & Public Works Committee. Councilman Malone asked about some of the green infrastructure ideas which are potential rain gardens, pervious sidewalk pavers, and downspout disconnections. Councilman Earl Williams asked if we knew what the City of Cleveland was doing with their sewers in the Kingsbury Run area and while we do not know what the City of Cleveland is doing, the NEORSD has made improvements for this sewer shed.

This request was unanimously approved at the January 18, 2021 Finance Committee Meeting. Citizen Member Lally asked if there was an answer to Councilman Williams question at the Safety & Public Works Meeting regarding the City of Cleveland sewers. It was stated that while the designer will investigate that matter but this will involve the Northeast Ohio Regional Sewer District’s improvements to the Kingsbury Run sewers. Chairperson Moore expressed her support for the sustainability aspects of this proposal.

Based on their understanding of the project, proposed project team and technical approach, we request to enter into a contract with the DLZ for engineering services for the sanitary sewer overflow at Lynnfield / Lomond (SSO 11) project in the amount of \$229,897 so the City can proceed with this much needed improvement. NEORSD will reimburse the City for \$112,500. We request that this legislation be passed as an emergency and under suspension of the rules so that we can enter into an agreement as soon as possible to meet the grant timelines.



ORDINANCE NO.

BY:

Authorizing a contract with DLZ Ohio, Inc. in the total not to exceed amount of \$229,897 for engineering services for the Lomond/Lynnfield Sanitary Sewer Overflow project, and declaring an emergency.

WHEREAS, the City was awarded a grant through the Northeast Ohio Regional Sewer District's (NEORS) Member Community Infrastructure Program (MCIP) to mitigate the number of activations at the sanitary sewer overflow (SSO) located at Lomond Boulevard/Lynnfield Road, and the NEORS will reimburse the City for approximately one-half of the cost of engineering services; and

WHEREAS, a Request for Proposals (RFP) was issued on November 2, 2020, for professional engineering services for the Lomond/Lynnfield SSO Project, and three (3) proposals were received; and

WHEREAS, on November 20, 2020, DLZ Ohio, Inc. (DLZ) submitted a proposal for engineering services and it has been determined to offer the best proposal; and

WHEREAS, pursuant to Section 141.03 of the Codified Ordinances, the Director of Public Works has recommended the acceptance of the proposal properly submitted by DLZ in the total not to exceed amount of TWO HUNDRED TWENTY-NINE THOUSAND EIGHT HUNDRED NINETY-SEVEN DOLLARS (\$229,897) for engineering services for the Lomond/Lynnfield SSO Project, for which the NEORS will reimburse the City for approximately one-half of the cost.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Shaker Heights, State of Ohio:

Section 1. The Mayor is hereby authorized to enter into a contract with DLZ Ohio, Inc. in the total not to exceed amount of TWO HUNDRED TWENTY-NINE THOUSAND EIGHT HUNDRED NINETY-SEVEN DOLLARS (\$229,897) for engineering services for the Lomond/Lynnfield SSO Project. Said contract shall be in the form as approved by the Director of Law.

Section 2. This ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health, safety and welfare for the reason that it is necessary in the current operation of the City, and so that an agreement can be entered into as soon as possible to meet the grant timelines and, therefore, this ordinance shall take effect immediately upon its enactment and approval by the Mayor.

Enacted

Approved this _____ day of _____ 2021.

DAVID E. WEISS, Mayor

Attest:

JERI E. CHAIKIN
Clerk of Council

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