RESOLUTION NO. R-23-22

A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE A PROFESSIONAL ENGINEERING SERVICES AGREEMENT WITH VSM ENGINEERING, LLC IN THE TOTAL AMOUNT NOT TO EXCEED $65,080.00 FOR THE NORTHEAST 68TH TERRACE AND NORTH BELLEFONTAINE STORM DRAINAGE PROJECT DESIGN, PROJECT CP2331.

WHEREAS, City staff issued a Request for Proposals (RFP) to complete the Northeast 68th Terrace and North Bellefontaine Storm Drainage Project Design, Project CP2331; and
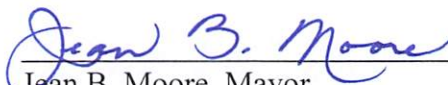
WHEREAS, a total of six (6) proposals were received and staff selected VSM Engineering, LLC to begin contract negotiations.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF GLADSTONE, MISSOURI AS FOLLOWS:

THAT, the City Manager of the City of Gladstone, Missouri, is hereby authorized to enter into a professional engineering services agreement with VSM Engineering, LLC in the amount not to exceed $65,080.00 for the Northeast 68th Terrace and North Bellefontaine Storm Drainage Project Design, Project CP2331.

FURTHER, THAT, funds for such purpose are programmed in the CIST Fund.

INTRODUCED, READ, PASSED, AND ADOPTED BY THE COUNCIL OF THE CITY OF GLADSTONE, MISSOURI, THIS 12TH DAY OF JUNE 2023.

Jean B. Moore, Mayor

ATTEST:

Kris Keller, City Clerk

Project Area 26 – CMP Culvert and Channel from 6811 N Bellefontaine Avenue to 6710 N Bellefontaine Avenue

Prioritization Rank		26	Project Cost Estimate		$ 525,600
Cost to Priority Ratio		146	Total Priority Rating		3610
Drainage Area (ac)	132	100-yr Q (cfs)	593	10-yr Q (cfs)	330
Stormwater Issue	Culvert flows under NE 68th Ter enters channel behind homes between N Bellefontaine Ave and N Agnes Ave to culvert under NE 67th Ter. Channel experiences moderate erosion along banks that are beginning to encroach on the resident's yards and fences. CMP culvert under NE 68th Ter has holes at invert from excessive rust.				
Recommended Improvements	• Remove excessive brush and trees from channel. • Channel from culvert under NE 68th Ter to culvert under NE 67th Ter should be graded with 6' bottom width and 2.5:1 side slopes to contain channel flows. • Install riprap along bends and at constriction points and turf reinforcement mats along remaining slopes. • CMP culvert should be rehabilitated utilizing CCCP trenchless technology to extend service life and prevent disruption to residents.				

Project Photo Documentation

Severe Bank Erosion at 6701 N Agnes Avenue

Typical Bank Erosion at 6709 N Agnes Avenue

CMP Culvert Outlet at 6809 N Agnes Avenue

CMP Invert with Rust Holes at 6809 N Agnes Avenue

RES ☒# R-23-22   **BILL ☐# City Clerk Only**   **ORD # City Clerk Only**

Date: 6/6/2023   Department: Public Works

Meeting Date Requested: 6/12/2023

Public Hearing: Yes ☐ Date: Click here to enter a date.

Subject: Professional Engineering Services Agreement, Project CP2331, NE 68th Terrace and N. Bellefontaine Storm Drainage Design

Background: The 1999 Stormwater Master Plan and 2015 Stormwater Master Plan Update recommended improvements in the vicinity of NE 68th Terrace and N. Bellefontaine. These improvements will include culvert rehabilitation/replacement at NE 67th Terrace and NE 68th Terrace and bank stabilization along the channel at various locations. Gladstone was recently awarded $395,000 in Missouri Department of Natural Resources American Rescue Plan Act (ARPA) funds to combine with $105,000 in local funds to design and construct the project.

City staff issued a Request for Proposals (RFP) to complete the project design. A total of six (6) firms responded and VSM Engineering, LLC was selected.

Budget Discussion: The project is programmed in the CIST Fund.

Public/Board/Staff Input: Staff recommends that the City execute a professional engineering services agreement with VSM Engineering, LLC. Services will be billed on a time and materials basis not to exceed $65,080.

Provide Original Contracts, Leases, Agreements, etc. to: City Clerk and Vendor.

Timothy A. Nebergall   JM   BB
Department Director/Administrator   City Attorney   City Manager