

Legislation Text

File #: BILL NO. 21-191, **Version:** 1

An Ordinance approving the award of RFQ No. 2021-072 for professional engineering services for the Ward and Persels Road Signal Project to Garver, LLC, for an amount not to exceed \$908,560.00, and authorizing the City Manager to execute an agreement for the same. (PWC 9/13/21)

Issue/Request:

An Ordinance approving the award of RFQ No. 2021-072 for professional engineering services for the Ward and Persels Road Signal Project to Garver, LLC, for an amount not to exceed \$908,560.00, and authorizing the City Manager to execute an agreement for the same.

Key Issues:

- As approved under the FY22 Capital Improvement Plan, the City intends to have engineering services performed for the redesign of the existing intersection at Ward Road and Persels Road to improve safety and traffic operations for all roadway users (hereinafter "Project").
- City staff publicly advertised RFQ No. 2021-072 seeking qualified firms to provide professional engineering services for the Project.
- After review of those submissions for RFQ No. 2021-072, Garver, LLC (hereinafter "Engineer") was determined to be the most qualified firm to undertake such an assignment.
- Following successful scope and fee negotiations, the City desires to enter into an agreement with Engineer to design the Project.

Proposed Committee Motion:

I move to recommend to City Council approval of an Ordinance approving the award of RFQ No. 2021-072 for professional engineering services for the Ward and Persels Road Signal Project to Garver, LLC, for an amount not to exceed \$908,560.00, and authorizing the City Manager to execute an agreement for the same.

Proposed City Council Motion:

FIRST MOTION: I move for a second reading of an Ordinance approving the award of RFQ No. 2021-072 for professional engineering services for the Ward and Persels Road Signal Project to Garver, LLC, for an amount not to exceed \$908,560.00, and authorizing the City Manager to execute an agreement for the same.

SECOND MOTION: I move for adoption of an Ordinance approving the award of RFQ No. 2021-072 for professional engineering services for the Ward and Persels Road Signal Project to Garver, LLC, for an amount not to exceed

\$908,560.00, and authorizing the City Manager to execute an agreement for the same.

Background:

Ward road is a four-lane undivided major arterial with curb and gutter, and sidewalks along both sides. This intersection of Ward and Persels has been documented as one of the top ten crash locations maintained by the City due to the geometry of the offset intersections, extended queue lengths, lack of turn lanes, and insufficient space for adequate signal timing to accommodate the increased traffic volumes. The project has also been requested by residents and LSR7 on many occasions over the last several years.

The Project will enhance safety and traffic operations through the Ward and Persels intersection by consolidating the two intersections of Persels into one. The north T intersection of Persels at Ward will be shifted south to realign with the south T intersection on the west side of Ward Road.

In addition to the realignment of the intersection, access management, safety and capacity will be addressed along Ward Road through the intersection and to the south with the addition of turn lanes and medians. In order to construct a left-turn lane, the pavement width along Ward Road will need to be expanded. Due to restrictions at the site and property impacts, Ward Road is planned to expand to the east, constructing an additional lane's width of pavement, adding a median, and replacing the curb and gutter, and sidewalk. This project also includes connectivity with the Rock Island Trail, street lights, traffic signal consolidation and installation of permanent fixtures (replacing the span wires), waterline relocation and replacement, culverts, and storm sewer repairs and modifications. This Project will also address aging culverts, water mains, and sanitary sewer infrastructure that are failing in the immediate vicinity.

The City completed a study in 2014 for the a two-pipe corrugated metal pipe (CMP) culvert running under Ward Road, near the north boundary of the Project. That study showed replacement of the culvert was warranted, or extensive rehab could extend the culvert life by 5 to 10 years. A large concrete culvert crosses under the Rock Island Trail and under the east leg of Persels Road. This culver may be still be usable, but more detailed investigate of the structure is required. This culvert will need to be extended to the north, or replaced, to realign Persels east of Ward Road. Both of these culverts

There are several old 8" cast iron water mains within the project boundary that will be replaced with this project. Along the north of Persels and east of Ward Road, stormwater erosion has an exposed a sanitary sewer main and manhole. This Project will address the cause and remediate the situation to eliminate the future erosion around the sewer.

This Project is also in part federally funded through the Congestion Mitigation Air Quality (CMAQ) Program.

Impact/Analysis:

Public Works Engineering issued RFQ No. 2021-072 on April 5, 2021, requesting qualifications for professional engineering services for the Project. The RFQ was advertised on the City's website and was posted to Public Purchase. 387 firms were notified via Public Purchase, 45 firms downloaded the RFQ, and five (5) firms

submitted responsive statements of qualifications prior to the May 7, 2021, closing date. Two firms were selected for interviews before an evaluation team composed of five Public Works personnel.

Michael Park, Director of Public Works

Recommendation: Staff recommends approval.

Committee Recommendation: The Public Works Committee voted unanimously 4-0 to recommend to City Council approval of an Ordinance approving the award of RFQ No. 2021-072 for professional engineering services for the Ward and Persels Road Signal Project to Garver, LLC, for an amount not to exceed \$908,560.00, and authorizing the City Manager to execute an agreement for the same.