

To: Mayor and Town Council

From: Pete Anaya, P.E., Assistant Director of Engineering – Capital Projects

**Through: Mario Canizares, Town Manager
Chuck Ewing, Assistant Town Manager
Hulon T. Webb, Jr., P.E., Director of Engineering Services**

Re: Bid Award: Traffic Signal at Gee Road and Acacia Parkway

Town Council Meeting – October 8, 2024

Strategic Visioning Priority: 1. Acceleration of Infrastructure

Agenda Item:

Consider and act upon authorizing the Town Manager to execute a Construction Agreement awarding CSP No. 2024-32-B to WG Engineering & Construction, LLC, related to the Traffic Signal at Gee Road and Acacia Parkway project, for \$454,478.

Description of Agenda Item:

On September 17, 2024, at 2:00P.M., three (3) Competitive Sealed Proposals were received for the Traffic Signal at Gee Road and Acacia Parkway project. The project consists of all work needed to install a traffic signal at Gee Road and Acacia Parkway including all traffic signal poles and mast arms, underground electrical and communication conduits, ADA curb ramps, traffic signs, pedestrian signals, and pavement markings. The traffic signal poles, and mast arms pre-purchase were approved at the May 28, 2024, Town Council meeting in the amount of \$125,448, and the traffic cabinet and battery backup unit pre-purchase was approved at the September 24, 2024, Town Council meeting in the amount of \$26,948.

The project was advertised using the Competitive Sealed Proposal Construction alternative procurement method to allow the Town to award the projects to the contractor that offers the best value proposal based on the following criteria, which includes recently revised standard percentages based on direction from the Town Council:

- Qualifications and Experience (10%)
 - Outline contractor and subcontractor experience with similar projects.
 - Outline qualifications of key personnel assigned to this project.
 - Provide references.
- Project Timeline (25%)
- Cost Proposal (65%)

The verified proposal totals ranged from \$438,946 to \$471,679.52. The Engineer's Estimate was \$518,341.22. The proposal's final completion times ranged from 50 to 175 calendar days. WG Engineering & Construction, LLC, was the firm that ranked the highest after consideration of Costs, Time, and Qualifications with a cost of \$465,548.50 and a time of 50 calendar days. They also provided a preliminary construction schedule beginning the work in November 2024 and completing the signal in early January 2025. WG Engineering & Construction, LLC, has not done work for the Town of Prosper but has successfully completed similar projects for the City of Frisco and Texas Department of Transportation (TxDOT). Staff checked the references provided and received positive feedback.

The Competitive Sealed Proposal Construction alternative procurement method allows for negotiations as part of the process to make sure that the best value is achieved. Staff worked with WG Engineering & Construction, LLC, on lowering proposed project costs for mobilization by 15% and a few more line items to reduce the initial cost proposal by \$11,070.50.

Budget Impact:

The cost for the construction of the project is \$454,478 and reflects the \$11,070.50 reduction to the original cost proposal. The traffic signal poles, mast arms, traffic cabinet, and battery backup unit have been pre-ordered at a cost of \$152,396 (\$125,448 + \$26,948), for a total cost of \$606,874. The construction budget for the project is \$460,000 in Account No. 680-6610-50-00-2402-TR, the short fall of \$146,874 will be funded from Traffic Improvement Projects - Project No. 2501-TR. This traffic signal project reflects unanticipated market increases for the equipment and labor.

Legal Obligations and Review:

Terrence Welch of Brown & Hofmeister, L.L.P., has approved the standard construction agreement as to form and legality.

Attached Documents:

1. Location Map
2. Bid Tabulation Summary
3. Construction Agreement

Town Staff Recommendation:

Town Staff recommends authorizing the Town Manager to execute a Construction Agreement awarding CSP No. 2024-32-B to WG Engineering & Construction, LLC, related to the Traffic Signal at Gee Road and Acacia Parkway project, for \$454,478.

Proposed Motion:

I move to authorize the Town Manager to execute a Construction Agreement awarding CSP No. 2024-32-B to WG Engineering & Construction, LLC, related to the Traffic Signal at Gee Road and Acacia Parkway project, for \$454,478.