



ENGINEERING SERVICES

To: Mayor and Town Council

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

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

Re: Traffic Signal Installation – Fishtrap Road and Denton Way

Town Council Meeting – December 10, 2024

Strategic Visioning Priority: 1. Acceleration of Infrastructure

Agenda Item:

Consider and act upon authorizing the Town Manager to enter into an agreement with Mels Electric LLC, related to the installation of the Traffic Signal at Fishtrap Road and Denton Way Intersection project for \$300,932.50.

Description of Agenda Item:

The Town experienced an increase in traffic accidents at the intersection of Fishtrap Road and Denton Way due to increasing traffic in the area. In September of 2024 the Town's Public Works Department engaged the services of a temporary signal rental company to install temporary signals to address the incidents of accidents at this location until a more permanent installation could be completed.

To aid in the installation of a permanent traffic signal, the Town's design consultant working on the design of the expansion of Gee Road/Fishtrap Road to a six-lane divided roadway from US 380 to FM 1385, was asked to accelerate the design of the permanent traffic signal at this location. In addition, the Town's Public Works Department was able to provide some poles and mast arms needed for this intersection from existing inventory.

For the actual installation, Mels Electric proposed scope of work involves the drilling the traffic signal pole foundations, installation of conduits, electrical conductors, traffic signal cables, signal heads, luminaires, pedestrian poles, traffic controller and cabinet, battery backup unit, ground boxes, traffic markings, and related items. The Engineering Department contacted the City of Garland to utilize their existing purchase order for "Traffic Signal Installations / Modernizations" from Mels Electric LLC. The Town can utilize the City of Garland's purchase order with Mels Electric LLC, under an existing Interlocal Agreement with the Collin County Governmental Purchase Forum. This not only allows the Town to save time, but it has also allowed the Town to save approximately 15% in costs when compared to previous unit costs for new installation work.

The Town has previously used Mels Electric, LLC, on several Town projects with satisfactory results. Upon approval, they will mobilize to the construction site within 30 days and be complete with the installation in 90 days from mobilization.

Budget Impact:

The cost for the construction of this project is \$300,932.50. The construction budget for the project is \$300,000 in Account No. TR202422-CONST-CONST, the additional \$932.50 will be covered by Account No. TR202501-CONST-CONST.

Legal Obligations and Review:

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

Attached Documents:

1. Proposal from Mels Electric LLC
2. Location Map

Town Staff Recommendation:

Town Staff recommends authorizing the Town Manager to execute an agreement with Mels Electric LLC, related to the installation of a Traffic Signal at Fishtrap Road and Denton Way Intersection project for \$300,932.50.

Proposed Motion:

I move to authorize the Town Manager to execute an agreement with Mels Electric LLC, related to the installation of a Traffic Signal at Fishtrap Road and Denton Way Intersection project for \$300,932.50.