



ENGINEERING SERVICES

To: Mayor and Town Council

From: Pete Anaya, P.E., Assistant Director of Engineering Services CIP

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

**Re: Traffic Signal Conduit Relocation
DNT / First Street & Prosper Trail Intersections**

Town Council Meeting – April 30, 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 relocating existing traffic signal conduits at DNT / First Street & Prosper Trail Intersections project for \$173,449.00; and authorizing the Town Manager to execute documents for same.

Description of Agenda Item:

The Town has been coordinating with NTTA for the extension of the DNT main lanes from the US 380 overpass north through the Town of Prosper, and currently has a water relocation project underway to remove conflicts between the Town's water distribution system and the proposed DNT underground storm sewer systems. On January 31, 2024, the Town was notified of additional conflicts with the existing traffic signal conduits and proposed drilled shafts for the overpasses at First Street and at Prosper Trail.

The proposed scope of work involves the relocation of approximately 1,500 linear feet of 3" conduit and communication conductors at both intersections. Since time is of the essence to resolve the conflicts and not impact the construction schedule for the expansion of the DNT main lanes project, 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 is able to 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, 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 relocations in 90 days from mobilization.

Budget Impact:

The cost for the construction of this project is \$173,449.00 and was unbudgeted, but in working with the Finance Department, the additional funding of \$173,449.00 needed will be transferred from construction cost savings in the Gee Road (Windsong Retail – First Street) project (Project Number 2011-ST), Account 750-6610-10-00-2011-ST to Account No. 750-6610-10-00-2409-TR. The construction cost savings includes a recent refund of \$145,801.18 from Atmos Energy related to final costs being less than anticipated for the lowering of the gas transmission line crossing Gee Road.

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 that the Town Council approve an agreement with Mels Electric, LLC, related to relocating existing traffic signal conduits at DNT / First Street & Prosper Trail Intersections project for \$173,449.00; and authorizing the Town Manager to execute documents for same.

Proposed Motion:

I move to authorize the Town Manager to execute an agreement with Mels Electric, LLC, related to relocating existing traffic signal conduits at DNT / First Street & Prosper Trail Intersections project for \$173,449.00; and authorizing the Town Manager to execute documents for same.