



ENGINEERING SERVICES

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: Purchase Traffic Control Related Items:
Pedestrian Hybrid Beacons (PHB) and Traffic Signal Equipment

Town Council Meeting – September 24, 2024

Strategic Visioning Priority: 1. Acceleration of Infrastructure

Agenda Item:

Consider and act upon authorizing the Town Manager to approve the purchase of traffic control related items for Pedestrian Hybrid Beacons (PHB) at First/Copper Canyon, First/Chaucer, Gee/Lockwood, and traffic signal equipment at other project locations, from Consolidated Traffic Controls, Inc., utilizing the Houston-Galveston Area Council (HGAC) Cooperative Purchasing Program for \$350,805.

Description of Agenda Item:

On October 24, 2023, the Town entered into a Professional Engineering Services Agreement with Lee Engineering, Inc., for the design of a traffic signal at Gee Road and Acacia Parkway and design of PHB's at First/Copper Canyon, First/Chaucer, and Gee/Lockwood locations. The design of the PHB's has progressed to the point where we are able to order the required traffic signal poles, mast arms, cabinets, battery backup units (BBU), and related equipment. In addition, this order includes traffic controller cabinets and BBU's for the Gee/Acacia traffic signal, Denton Way/Fishtrap Road permanent signal, replacement for the DNT/Frontier signal, and one extra cabinet and BBU to keep in inventory for any accidents or new project. There is currently an estimated six (6) month lead time for pole manufacturing, powder coating, and related equipment delivery.

Local governments are authorized by the Interlocal Cooperation Act, V.T.C.A. Government Code, Chapter 791, to enter into joint contracts and agreements for the performance of governmental functions and services, including administrative functions normally associated with the operation of government (such as purchasing necessary materials and equipment).

The Town of Prosper and HGAC entered into an Interlocal Agreement, effective January 4, 2001, which allows our local government to purchase certain goods or services through HGAC. The agreement automatically renews each fiscal year, unless cancelled by either party.

Budget Impact:

The cost of this purchase is \$350,805, to be funded from the following accounts.

750-6610-10-00-2418-TR \$80,117 (First/Copper Canyon)

750-6610-10-00-2419-TR \$77,908 (First/Chaucer)

750-6610-10-00-2417-TR \$84,988 (Gee/Lockwood)

750-6610-10-00-2402-TR \$26,948 (Gee/Acacia)

750-6610-10-00-2422-TR \$26,948 (Denton Way/Fishtrap)

750-6610-10-00-2317-TR \$26,948 (DNT/Frontier)

100-6610-50-01 \$26,948 (Extra: Public Works FY25 Budget)

Legal Obligations and Review:

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

Attached Documents:

1. HGAC Contract Pricing Worksheet
2. Location Map

Town Staff Recommendation:

Town Staff recommends that the Town Council authorize the Town Manager to approve the purchase of traffic control related items for Pedestrian Hybrid Beacons (PHB) at First/Copper Canyon, First/Chaucer, Gee/Lockwood, and traffic signal equipment at other project locations, from Consolidated Traffic Controls, Inc., utilizing the Houston-Galveston Area Council (HGAC) Cooperative Purchasing Program for \$350,805.

Proposed Motion:

I move to authorize the Town Manager to approve the purchase of traffic control related items for Pedestrian Hybrid Beacons (PHB) at First/Copper Canyon, First/Chaucer, Gee/Lockwood, and traffic signal equipment at other project locations, from Consolidated Traffic Controls, Inc., utilizing the Houston-Galveston Area Council (HGAC) Cooperative Purchasing Program for \$350,805.