



City of Denton

City Hall
215 E. McKinney Street
Denton, Texas
www.cityofdenton.com

AGENDA INFORMATION SHEET

DEPARTMENT: Materials Management

ACM: Mario Canizares

DATE: June 27, 2017

SUBJECT

Consider adoption of an ordinance authorizing the City Manager to execute a professional services agreement for design and engineering services relating to the extension of approximately 14,000 linear feet of 24-inch to 30-inch water line from the City of Denton Southwest Pump Station located on John Paine Road, north along Old John Paine Road, and then east along Allred Road to Bonnie Brae Street; providing for the expenditure of funds therefor; and providing an effective date (File 6478—awarded to Kimley-Horn & Associates, Inc. in an amount not-to-exceed \$504,500). The Public Utilities Board recommends approval (7-0).

BACKGROUND

The Allred to John Paine Road Transmission Line project will extend approximately 14,000 linear feet of 24-inch to 30-inch water line from the Southwest Pump Station (on John Paine Road) north along Old John Paine and then east along Allred to the 24-inch water line in Bonnie Brae (see Exhibit 1) and will include the installation of a flow control valve at the Southwest Pump Station site. Also included with this project is an additional redundant feed to be located near Bonnie Brae and US Hwy 377 which will allow for system operational flexibility if one of the Southwest Pump Station transmission lines is taken out of service. This project is slated for construction in the Capital Improvement Plan for Fiscal Year 2018 and is important for providing reliable and adequate water service to the southwest portion of the City by providing redundancy and flexibility to the Southwest Pump Station in response to projected growth in the area.

FILE INFORMATION

The proposed engineering fee for this project is \$504,500 and includes amounts for Basic Services of \$306,700, Additional Services of \$189,500 and Reimbursable Expenses of \$8,300. The Basic Services consist of creation of construction plans for the water line improvements along with bid and construction phase support. The Additional Services include performance of the design survey, creation of easement documents, subsurface utility engineering services, geotechnical services, permitting and cathodic protection design. The preliminary opinion of probable construction cost for the project is approximately \$5,960,000. These numbers will be verified as the design project progresses.

The following percentages are based on the total engineering fee of \$504,500 for the project. Basic Services represent approximately 5.3% of the projected construction cost, and Additional Services plus Reimbursable Expenses represent approximately 3.2% of the projected construction cost. The project includes standard services typically performed as part of most design projects and non-standard services not typically performed for most projects. For this project, the standard services include preliminary design, final design, design survey, utility coordination, bid and construction phase support, and direct expenses. These tasks total \$301,700 which is 5.1% of the estimated construction cost. For this project, the non-standard services include the schematic design, boundary and construction survey services, easement documents, subsurface utility engineering services, geotechnical services, permitting, and cathodic protection design. These tasks total \$202,800 or 3.4% of the estimated construction cost.

Kimley-Horn & Associates, Inc. has been selected for the detailed design of this project on the basis of demonstrated qualifications in water system design projects. Kimley-Horn & Associates, Inc. has worked closely with staff to scope and execute other, similar projects. They have performed well in the execution of professional engineering services for the City of Denton, delivering projects in a professional and efficient manner. Their qualifications to perform these services have been clearly demonstrated to the satisfaction of staff within the organization. In accordance with Texas Local Government Code 252.022, the procurement of professional services is exempt from the requirement of competition based selection. Accordingly, the Capital Projects department requested a proposal directly from Kimley-Horn & Associates, Inc., and this direct solicitation to a single provider based on demonstrated and known qualifications is consistent with State law for the procurement of professional services.

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On June 12, 2017, the Public Utilities Board recommended approval to forward this item to the City Council for consideration.

RECOMMENDATION

Staff recommends approval of the Professional Services Agreement between the City of Denton and Kimley-Horn & Associates, Inc. in the amount of \$504,500 for Engineering Services associated with the Allred Road to John Paine Road Transmission Line project. The amount of the contract is consistent with the level of effort required for a project of this nature.

PRINCIPAL PLACE OF BUSINESS

Kimley-Horn and Associates, Inc.
Raleigh, NC

ESTIMATED SCHEDULE OF PROJECT

The consultant is prepared to begin the services associated with this Agreement upon Council approval with the goal of completing design in early 2018 to facilitate construction to begin Spring 2018 (pending easement acquisitions).

FISCAL INFORMATION

Water Utilities project number 630385523 1360.21100 will be utilized for this project.

STRATEGIC PLAN RELATIONSHIP

The City of Denton's Strategic Plan is an action-oriented road map that will help the City achieve its vision. The foundation for the plan is the five long-term Key Focus Areas (KFA): Organizational Excellence; Public Infrastructure; Economic Development; Safe, Livable, and Family-Friendly Community; and Sustainability and Environmental Stewardship. While individual items may support multiple KFAs, this specific City Council agenda item contributes most directly to the following KFA and goal:

Related Key Focus Area: Public Infrastructure
Related Goal: 5.1 Manage Denton's water resources

EXHIBITS

Exhibit 1: Agenda Information Sheet
Exhibit 2: Project Map
Exhibit 3: Public Utilities Board Minutes
Exhibit 4: Ordinance
Exhibit 5: Professional Services Agreement

Respectfully submitted:
Galen Gillum, 349-7656
Director of Capital Projects

For information concerning this acquisition, contact: Lee Perry, P.E at 349-8938.