



CITY COUNCIL CONSIDERATION ITEM

CITY OF FAIR OAKS RANCH, TEXAS

AGENDA TOPIC: Consideration and possible action approving a resolution authorizing the execution of a work authorization with Pape-Dawson Engineers, Inc. for engineering services for the Dietz Elkhorn (East) Reconstruction Project.

DATE: July 18, 2024

DEPARTMENT: Public Works

PRESENTED BY: Grant Watanabe, P.E., Director of Public Works and Engineering Services

INTRODUCTION/BACKGROUND:

The City requires engineering services for the Dietz Elkhorn Road (East) Reconstruction project. The project will reconstruct Dietz Elkhorn Road, between FM3351 and Fair Oaks Parkway, while incorporating drainage improvements, utility and driveway adjustments.

In July 2023, the City executed a work authorization with Pape-Dawson Engineers, Inc. for the first half of engineering services (schematic design) in the amount of \$291,525.00. The scope included surveying, geotechnical investigation, preliminary engineering, and schematic design for several roadway and multimodal transportation options such as the addition of wider shoulders, sidewalk, shared use path and combined use path. The consultant also provided support for the August 29, 2023 townhall meeting which featured this project as one of the topics.

In March 2024, the City Council selected Option 1 (Reconstruction with wider shoulders). This option includes five-foot paved shoulders on both sides of the road to provide space for bicyclists and golf carts to safely pull over and let vehicles behind them pass.

In May 2024, City staff and the General Engineering Consultant (GEC) completed scope and fee negotiations for the second half of engineering services (final design) in the amount of \$285,220.00. This scope includes project management, roadway design, drainage analysis, utility coordination, bid and construction phase services. The consultant will also support one public meeting prior to contractor mobilization to inform residents, BISD and other stakeholders of the project schedule, traffic control plan, detour routes, and points of contact.

The City's GEC provided a recommendation letter (**Exhibit 1**) to accept the consultant's revised proposal as fair and reasonable. The draft work authorization (**Exhibit 2**) and a copy of the consultant's proposal (**Exhibit 2A**) is also attached.

Based on the draft schedule included in the consultant's proposal, final design is expected to be completed in February 2025. The project should be bid in March 2025, with construction starting in late May 2025 once the BISD school year lets out. This timeline allows residents and Fair Oaks Ranch Elementary School staff and families to become familiar with the Dietz Elkhorn lane closures and detour routes well in advance of the 2025-2026 school year.

POLICY ANALYSIS/BENEFIT(S) TO CITIZENS:

- Supports Priority 3.4 of the Strategic Action Plan to Enhance and Ensure Continuity of Reliable Roadway Improvement Initiatives.
- Improves transportation safety by reconstructing the roadway, adding wider shoulders, replacing signage and upgrading drainage features.
- Complies with procurement requirements for professional services.

LONGTERM FINANCIAL & BUDGETARY IMPACT:

The City budgeted \$509,429 for this project this fiscal year. The current budget is adequate to cover the cost of remaining schematic design services (previous work authorization) and this work authorization.

LEGAL ANALYSIS:

Legal has reviewed the resolution and approved it as to form.

RECOMMENDATION/PROPOSED MOTION:

I move to approve a resolution authorizing the execution of a work authorization with Pape-Dawson Engineers, Inc. for engineering services for the Dietz Elkhorn (East) Reconstruction Project for \$285,220.00, with a 5% contingency in the amount of \$14,261.00 for a total value not to exceed \$299,481.00, expenditure of the required funds, and execution of all applicable documents by the City Manager.