

## A. EXECUTIVE SUMMARY

### (A) CONTENTS

LBJ Constructors (LBJC) is pleased to present our Technical Proposal in accordance with the Request for Proposals and in the following order:

#### VOLUME 1 (SECTIONS A, C AND D)

- A. Executive Summary
- C. Technical Solutions
  - Project Management
  - Quality Management
  - Design and Construction Plan
- D. Appendices

#### VOLUME 2 (SECTION B)

- B. Proposer Information, Certifications and Documents

### (B-C) SUMMARY OF CHANGES

LBJC made one change since submission of our Qualifications Statement, which was to change our Project Manager to Steve Medina. TxDOT approved this change on March 5, 2019.

### (D) SUMMARY OF PROPOSER STRUCTURE

LBJ Constructors (LBJC) is a joint venture consisting of Kiewit Infrastructure South Co. (Kiewit), 70% Managing Equity Member, and Zachry Construction Corporation (Zachry), 30% Equity Member. Project Manager Steve Medina will lead LBJC's management team as the individual responsible for the day-to-day operations of LBJC and the sole point of contact to TxDOT. Steve will be under the direction of the joint venture Executive Committee.

LBJC and each Major Participant commits to provide the individuals named in this proposal, as well as the necessary resources to deliver high-quality and schedule-certain capacity improvements on the I-635 LBJ East Project (the Project). The management team committed by LBJC is assembled from approximately 450 experienced management personnel skilled in design-build project delivery. Highly experienced and dedicated to the success of the Project, we will self-perform the most critical project components focused on maximizing the mobility of the public during construction and meeting the needs of surrounding communities and businesses.

### (E) SUMMARY OF THE TECHNICAL SOLUTIONS

Our proposal commitments in the **Project Management** section bring effective, transparent communications strategies and tools that add measurable value by achieving all four of TxDOT's project objectives. We commit to provide monthly stakeholder and local business outreach meetings, on-demand vital project statistical reporting to TxDOT, and more. Our Project Management proposal presents six Value Added Responses (VARs) that provide benefits, value, improved implementation or increased level of overall quality of the Project. Each VAR is specific to a Project Management component, and meets one or more of TxDOT's five value-added criteria for Project Management.

The LBJC **Quality Management** proposal brings additional training, collaboration and communication to the Project's quality organization. Our project quality processes will achieve and maintain ISO 9001:2015 Certification certification during the construction period. The Quality Management proposal presents nine VARs that provide benefits, value, improved implementation or increased level of overall quality of the Project. All VARs meet one or more of TxDOT's four value-added criteria for Quality Management.

Our **Design and Construction Plan** demonstrates that we optimized the RID design and proposed ATCs that facilitate construction, reduce capital maintenance costs and provide TxDOT and related stakeholders with a more efficient and operational project. Approaches to each of the project disciplines are summarized in the narrative, and detailed drawings are provided in **Appendix D-2** through **Appendix D-7** for clarification. Each set of drawings begins with a cover sheet containing icons denoting areas LBJC exceeded TxDOT's requirements or provided value-added concepts in design and construction. Additional information on engineering, means and methods, and cross-disciple efforts (such as details on Utilities and ATCs) are also provided in **Appendix D-8** through **Appendix D-14**.

LBJC's Design and Construction Plan provides added value and enhanced overall quality by:

- Constructing the Skillman/Audelia bridge with minimal impacts to traffic
- Providing certainty regarding scope and timing of all utility relocations
- Enhancing traffic safety by providing advanced temporary drainage at high-risk, critical locations during construction
- Optimizing design to reduce long-term maintenance costs

### (F) SATISFYING DBE REQUIREMENTS

LBJC commits to meeting or exceeding the 8% DBE participation goal. As a testament to this commitment, we have the following DBE-certified firms committed to our team:

- » **Lamb-Star Engineering:** Major Participant and Lead Independent Quality Firm
- » **Lina T. Ramey and Associates:** Engineering, Survey and Signage
- » **Corsair Consulting, LLC:** Geotechnical Investigation and Engineering
- » **KMCE, Inc.:** Design Utility Coordination