



Engineering Services Committee Meeting

Meeting Date: 11 February 2025

RC ITS Master Plan Improvements and Emergency Vehicles & Transit Preemption System –Part II
Projects Design Services

RFQ Item: 24-218 / TIA2 Project

File Reference: PI# 0017624 & 0017626 / 24 – 014(T)

Department:	Engineering & Environmental Services
Presenter:	Dr. Hameed Malik, Director
Caption:	Approve and award Preliminary Engineering Initial Concept Phase (PE-Phase 1A) of the Design Consultant Services Agreement to Kimley-Horn and Associates, Inc. (KH) in the amount of \$192,690.35 for the RC ITS Master Plan Improvements and Emergency Vehicles & Transit Preemption System–Part II Projects. Award is contingent upon receipt of signed agreement and associated documents. AE/ RFQ 24-218
Background:	<p>Intelligent Transportation System Master Plan Implementation-Richmond County-Part II, and RC Emergency and Transit Vehicles Preemption System-Part II are projects from the “Approved Investment List” of TIA2 that was approved by voters of the CSRA on June 9, 2020 referendum. Both are Band 1 projects.</p> <p>These systems which are referred to as “Advanced Transportation Management Systems” or ATMS include a variety of elements geared toward improving traffic flow, traffic monitoring, transit flow, and incidents (i.e., crash, malfunction, etc.) response. Elements of these systems include: a central command center with monitors, traffic signal communications infrastructure, adaptive signal systems, video monitoring, dynamic message boards, transit priority, emergency vehicle preemption, etc. The Improvements will be continuation of TIA 1 ITS projects.</p> <p>The purpose of the Concept Development phase is to define which specific improvements are necessary not only for expansion of existing system for additional coverage but also upgrades needed to current system. With ongoing advancement in applicable technologies it is critical to maintain capability of existing system at industry current standards. This phase will be used to formulate preliminary & final design phase services. In July 2024, Augusta Engineering (AE) requested professional services (RFQ) to perform design and field engineering services for this project.</p>

Analysis:

RFQ's were received on October 30, 2024 and firms were evaluated based on qualifications, project approach, and experience. The following three firms ranked top rated and were recommended for moving to Phase2 (Technical Proposal) evaluation & selection process.

<u>Firm</u>	<u>Final Rating</u>
1. Kimley-Horn and Associates, Inc.	491.3/500
2. WSP US, INC.	438.8/500
3. Atlas Technical Consultants LLC	351.3/500

Kimley-Horn and Associates, Inc. have been selected based on the evaluation procedures used for this project.

Financial Impact:

Projects TIA Funds

Alternatives:

1). Do not approve and find alternative to complete the TIA project

Recommendation:

Approve and award Preliminary Engineering Initial Concept Phase (PE-Phase1A) of the Design Consultant Services Agreement to Kimley-Horn and Associates, Inc. (KH) in the amount of \$192,690.35 for the RC ITS Master Plan Improvements and Emergency Vehicles & Transit Preemption System–Part II Projects. Award is contingent upon receipt of signed agreement and associated documents. AE/ RFQ 24-218

Funds are available in the following accounts:

(\$192,690.35) 372-041110-52.12115 - Projects TIA 2 Funds

REVIEWED AND APPROVED BY:

HM/sr