

## U-2519AA & AB Project Synopsis

### **Stipend**

- A stipulated fee of **\$75,000** will be awarded to each short-listed Design-Build Team that provides a responsive, but unsuccessful, Design-Build Proposal in response to the Final Request for Proposals and all associated Addenda. If a contract award is not made, all short-listed Design-Build Teams that provide a responsive Design-Build Proposal shall receive the stipulated fee. In the event that the Department suspends or discontinues the procurement process prior to the Design-Build Proposal submittal date current at the time of the suspension, no stipulated fee will be paid.

### **Project Description and Purpose**

- The Design-Build Project U-2519AA & AB will provide a four-lane divided facility on new location from I-95 in Robeson County to south of SR 1003 (Camden Road) in Cumberland County, a distance of approximately 6.1 miles.
- The primary purpose of this project is to extend the Future I-295 - Fayetteville Outer Loop to improve traffic capacity deficiencies, increase mobility within the region, and complete the congressionally approved NHS - Strategic Highway Corridor Network (STRANET) route around Fayetteville, North Carolina.

### **Planning**

- The U-2519 and X-0002B & C Draft Environmental Impact Statement (DEIS) was approved on March 17, 1999.
- The U-2519 and X-0002B & C Draft Environmental Impact Statement (DEIS) Reevaluation was approved on February 3, 2005.
- The U-2519 and X-0002B & C Final Environmental Impact Statement (FEIS) was approved on August 17, 2005.
- The U-2519 and X-0002B & C Record of Decision (ROD) was issued on January 19, 2006.
- The Design-Build Team shall adhere to all environmental document commitments. A copy of the DEIS, DEIS Reevaluation, FEIS and ROD will be made available to the short-listed Design-Build Teams.
- TIP Project U-2519AA & AB is following the Merger Process. The Department has obtained all necessary concurrence up to, and including Concurrence Point 4A - Avoidance and Minimization. The Design-Build Team shall be responsible for completing the Merger Process.

## **Public Information**

- During the project's construction, the Design-Build Team shall coordinate with the Division 6 Office, the Construction Unit, the Communications Office, and the Public Involvement Group to inform the public of lane closures, construction progress, etc.

## **Roadway**

- The Design-Build Team shall design and construct a four-lane divided facility with a 70-foot median from I-95 in Robeson County to south of SR 1003 (Camden Road) in Cumberland County. The Future I-295 - Fayetteville Outer Loop shall be designed and constructed to meet a 70 mph design speed for a freeway designed to interstate standards.
- The Design-Build Team shall design and construct new interchanges at I-95, SR 1118 (Parkton Road) and SR 1116 (Old Plank Road Realignment).
- The Design-Build Team may develop the Design Noise Report. The Design-Build Team and NCDOT responsibilities for the Design Noise Report will be outlined in the Request for Proposals.

## **Structures**

- The Design-Build Team shall design and construct all structures necessary to complete the project, including but not limited to bridges at the following locations:
  - At I-95 and Future I-295 - Fayetteville Outer Loop
  - At I-95 and SR 1718 (Green Springs Road)
  - At US 301 and Future I-295 - Fayetteville Outer Loop
  - At SR 1118 (Parkton Road) and Future I-295 - Fayetteville Outer Loop
  - On Future I-295 - Fayetteville Outer Loop over CSX Railroad and SR 1117 (Brisson Road)
  - At SR 1116 (Old Plank Road Realignment) and Future I-295 - Fayetteville Outer Loop
  - On SR 1116 (Old Plank Road Realignment) over wetland system
  - At existing SR 1116 (Old Plank Road) and Future I-295 - Fayetteville Outer Loop
  - On Future I-295 - Fayetteville Outer Loop over Rockfish Creek
  - At SR 1113 (Waldo's Beach Road) and Future I-295 - Fayetteville Outer Loop
- The Design-Build Team shall design and construct all reinforced concrete box culverts, including but not limited to extending / replacing existing reinforced concrete box culverts impacted by the project's design and / or construction.
- The Design-Build Team shall design and construct all required sound barrier walls and retaining walls.

## **Railroad Coordination**

- The Design-Build Team shall coordinate all railroad design and construction details on CSX Railroad right of way and obtain an executed agreement(s) with the Railroad.

## **Hydraulics**

- The Design-Build Team shall design and construct all storm drainage.
- The Design-Build Team shall obtain FEMA compliance for the regulated stream crossings.
- The Design-Build Team shall be responsible for all Bridge Survey Reports and Culvert Survey Reports.
- The Design-Build Team shall develop a Stormwater Management Plan.

## **Geotechnical**

- Roadway and structure subsurface investigations will be provided to the short-listed Design-Build Teams. The Design-Build Team shall be responsible for all recommendations, as well as supplemental roadway and structural investigations.
- The Design-Build Team shall design and construct all foundations, embankments, slopes, retaining walls and temporary structures.

## **GeoEnvironmental**

- There are no geoenvironmental sites of concern within the current project limits. It is anticipated that the Hope Mills Landfill (NCD980502983) located at the western end of Mission Hill Road near Hope Mills will not be impacted.
- The Design-Build Team and NCDOT responsibilities for geoenvironmental remediation will be outlined in the Request for Proposals.

## **Environmental**

- The Design-Build Team shall prepare all documents necessary for the Department to obtain the environmental permits for this project. The anticipated required permits include a US Army Corps of Engineers Section 404 Individual Permit and a NC Department of Environmental Quality (DEQ), Division of Water Resources (DWR) Section 401 Water Quality Certification.
- The Design-Build Team shall complete the Merger Process, including but not limited to obtaining Concurrence Point 4B and Concurrence Point 4C.

## **Erosion Control**

- The Design-Build Team shall be responsible for all erosion control designs and implementation.

## **Transportation Management**

- The Design-Build Team shall develop and implement the Transportation Management Plans. A list of parameters, such as lane closures, time restrictions and general guidelines will be provided in the Request for Proposals.

## **Pavement Markings**

- The Design-Build Team shall develop Pavement Marking Plans and install all required temporary and permanent pavement markings and markers.

## **Pavement Design**

- Asphalt mainline and -Y- Line pavement designs will be provided in the Request for Proposals.
- The Design-Build Team shall design all temporary pavements and evaluate existing shoulders and roadways regarding their suitability for carrying traffic during construction, if necessary.

## **Signing**

- The Design-Build Team shall design, fabricate and install all roadway signs.

## **Location and Surveys**

- Electronic surveys will be provided to the short-listed teams. The Design-Build Team shall be responsible for supplemental surveys.
- Known existing utilities have been located and will be included with the survey data provided to the short-listed teams. The Design-Build Team shall be responsible for all supplemental SUE work.
- The Design-Build Team shall be responsible for all structure surveys.

## **Utility Construction**

- For all water and sewer facilities in conflict with the project, the Design-Build Team shall design and construct the required relocations.

## **Utility Rights of Way, Conflicts and / or Construction**

- The Design-Build Team shall be responsible for all utility conflicts / relocations and utility construction plans. Coordination shall include, but not be limited to, preparations and / or obtaining all necessary utility agreements.
- The Design-Build Team shall coordinate the construction / relocation of private utilities with the appropriate owners.

## **Right of Way**

- The Department has begun the right of way acquisition process. The Design-Build Team shall acquire all right of way, control of access, and easements not finalized upon Award of the contract.
- The Design-Build Team shall acquire all additional right of way, control of access, and / or easements required by the proposed design and / or construction methods for those parcels that the Department has completed the right of way acquisition process.

## **Construction Engineering Inspection (CEI) Scope of Work**

- The Department will be responsible for CEI work.