

## **I-2513B & D Project Synopsis**

### **Stipend**

- A stipulated fee of **\$795,000** 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 the Department suspends or discontinues the procurement process prior to the Technical Proposal or Price Proposal submittal date current at the time of the suspension, no stipulated fee will be paid.

### **Project Description and Purpose**

- The I-2513B & D Design-Build Project adds lanes on I-26 / I-240 from south of SR 3548 (Haywood Road) to north SR 1781 (Broadway Street) and improves SR 1477 (Riverside Drive) from SR 1517 (Hill Street) to SR 1781 (Broadway Street) in Buncombe County. The approximately 2.6-mile project provides a six-lane divided facility, mostly on new location, with a new I-26 / I-240 interchange configuration.
- The project's primary purpose is to extend I-26 to US 19-23-70 in northwest Asheville. The I-26 Connector would upgrade and widen I-240 from I-40 to Patton Avenue and then cross the French Broad River as a new freeway to US 19-23-70 slightly north of the Broadway interchange.

### **Planning**

- The I-2513 Final Environmental Impact Statement was signed on January 9, 2020. The Record of Decision is anticipated to be signed in January 2023.
- The Design Build Team shall adhere to all environmental document commitments. A copy of the I-2513 Record of Decision will be provided to the short-listed Design-Build Teams once available.

### **Public Information**

- During the project's construction, the Design-Build Team shall coordinate with the Division 13 Office and the Construction Unit to inform the public of lane closures, construction progress, etc.

## Roadway

- The Design-Build Team shall design and construct a six-lane divided facility with a variable median from south of SR 3548 Haywood Road to north of SR 1781 (Broadway Street). The Design-Build Team shall design and construct I-26 / I-240 to meet a 60-mph design speed for a freeway designed to interstate standards.
- The Design-Build Team shall design and construct interchange modifications at SR 3548 (Haywood Road) and US 19-23-74A (Patton Avenue) and a new interchange configuration for I-26 / I-240.
- The Design-Build Team shall upgrade SR 1477 (Riverside Drive) to include two eleven-foot lanes, five-foot bicycle lanes in each direction and a ten-foot multi-use path on the west side of the roadway.
- The Department will provide a Traffic Noise Report. The Design-Build Team shall develop the Final Design Noise Report based on the final roadway plans developed by the Design-Build Team.

## Structures

- The Design-Build Team shall design and construct all structures necessary to complete the project, including but not limited to structures at the following locations:
  - Two pedestrian bridges over I-240
  - Bridge(s) on SR 3548 (Haywood Road) over I-26 / I-240
  - Bridge(s) on US 19-23-74A (Patton Avenue) over I-26 / I-240
  - Bridge on I-26 over the French Broad River
  - Bridge on Resort Drive over Smith Mill Creek
  - Bridge on I-26 NB on-ramp over Smith Mill Creek
  - Bridge on I-240 EB on-ramp over Smith Mill Creek
  - Bridge on I-26 SB off-ramp over Smith Mill Creek
  - Bridge on I-240 EB over French Broad River
  - Bridge on I-240 WB over French Broad River
  - Bridge on I-240 WB off-ramp over Blue Ridge Southern Railway
  - Bridge on I-26 SB off-ramp over Blue Ridge Southern Railway
  - Bridge on I-240 WB ramp onto I-26 NB
  - Bridge on Hill Street south over I-240
  - Bridge on I-240 WB on-ramp onto I-240
  - Bridge(s) on I-26 over SR 1781 (Broadway Street)
- 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.

## **Environmental Permits**

- The Design-Build Team shall prepare all documents necessary for the Department to obtain the environmental permits. The anticipated required environmental permits include US Army Corps of Engineers Section 404 and Section 10 Permits; US Fish and Wildlife Service Section 404 and Section 10 Permit Review and Section 7 Consultation; NC Division of Water Resources (DWR) Section 401 Certification and Stormwater Certification; and NC Division of Forest Resources Burning Permits.
- Project I-2513 B & D is in the Merger Process used by the environmental agencies and the Department to obtain environmental permits. 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.

## **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**

- The Department has not identified any sites of concern within the proposed project study area.
- The Design-Build Team and NCDOT responsibilities for geoenvironmental remediation will be outlined in the Request for Proposals.

## **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 State Stormwater Management Plan.

## **ITS**

- The Design-Build Team shall design, install and integrate ITS communication equipment, including but not limited to Dynamic Messaging Signs, Local Area Network Equipment and Closed-Circuit Television Cameras.

## **Lighting**

- The Department will provide signed and sealed Lighting Plans.
- The Design-Build Team shall install all lighting.

## **Location and Surveys**

- The Department will provide electronic surveys. The Design-Build Team shall be responsible for all supplemental surveys.
- Known existing utilities have been located and will be included with the survey data provided by the Department. The Design-Build Team shall be responsible for all supplemental SUE work.
- The Design-Build Team shall be responsible for all structure surveys.

## **Pavement Design**

- **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.

## **Pavement Markings**

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

## **Railroad Coordination**

- The Design-Build Team shall coordinate all construction details on Norfolk Southern Railway's and Blue Ridge Southern's right of way and obtain an executed agreement(s) with the railroad(s).

## **Right of Way**

- The Design-Build Team shall acquire all right of way, easements and control of access required by the proposed design and / or construction.

## **Signing**

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

## **Traffic Signals**

- The Design-Build Team shall design and install all temporary and permanent traffic signals.
- The Design-Build Team shall modify several existing traffic signals.

## **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.

## **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.

## **Construction Engineering Inspection (CEI)**

- The Department will be responsible for CEI work.