SC 277 NB over I-77 Bridge Replacement Project

Richland County

Early Coordination Meeting
October 31, 2017
Disclaimer

• All information provided today is for information only, non-binding, does not constitute legal or other advice, and does not amend or form part of the Final Request for Proposals (RFP).
Corridor History

• **Mid to Late 1970’s** - existing flyover bridge was constructed during the new I-77 Construction Project.

• **Early 2016 to late 2018** – beneath the bridge, I-77 is being widened from four to six lanes, I-77 widening expected to be substantially complete prior to SC 277 NTP.

• **Late 2016** – SC 277 NB over I-77 Bridge Replacement identified in STIP.
Purpose and Need

• What does the project do (Purpose)?
  • The purpose of the project is to correct structural deficiencies of the existing bridge, and;
  • To bring the bridge and roadway up to current standards.

• Why is the project necessary (Need)?
  • The project is needed because the superstructure is in poor condition.
Existing Conditions

• Typical Section - Two (2) twelve foot travel lanes heading northbound with five foot inside shoulder and ten foot outside shoulder.

• Bridge Length – Approximately 630 LF.

• Superstructure Type – Conventionally reinforced box girder (not post-tensioned).
Proposed Project

• Replace the existing bridge with a bridge that meets current standards.
• Typical Section - two twelve foot travel lanes and two ten foot shoulders.
• Approach pavement type will be Asphalt
• Traffic Volumes (ADT)
  • 2019: 25,650 VPD
  • 2039: 30,800 VPD
NEPA Status

• CE Document
  • Prepared and finalized August 16, 2017.
  • Available on the project webpage.

• Alignment
  • Shifts to east and west were evaluated to establish NEPA footprint.
  • Designs outside of study area will require re-evaluation

• Commitments
  • Certain conditions may require noise analysis.
  • Impacts will not exceed USACE General Permit.
Anticipated Procurement Info

• Selection Procedure
  • Two-phase with RFQ and RFP.

• Method for Award
  • Weighted criteria method with a scoring criteria consisting of cost proposal, technical proposal, and quality credits.

• Alternative Technical Concepts (ATCs)
  • Expect to use ATCs with stipends.
## Project Milestones

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<th>Event</th>
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<tr>
<td>Advertise RFQ</td>
<td>December 1, 2017</td>
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<tr>
<td>Deadline for Submittal of SOQ</td>
<td>January 2, 2018</td>
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<tr>
<td>Announcement of Short-Listed Proposers</td>
<td>February 6, 2018</td>
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<tr>
<td>Issue RFP for Industry Review</td>
<td>February 2018</td>
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<tr>
<td>Issue Final RFP</td>
<td>April 2018</td>
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<tr>
<td>Submittal of Technical Proposals</td>
<td>August 2018</td>
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<td>Public Announcement</td>
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