

**Replacement of SC 41 Bridge over Wando River
Charleston and Berkeley Counties
File 8.158B & 10.032100
Federal Aid Project No. BR88 (079)**

NOTICE TO PROPOSERS

November 22, 2013

NOTICE TO PROPOSERS - Enclosed is Addendum #2 to the Request for Proposals (RFP) package for the Replacement of the SC 41 Bridge over the Wando River. The information provided in this notice and the addendum shall be made part of the contract documents.

Addendum #2 is being issued in order to provide clarification and additional information for the project.

This addendum includes the following documents:

- NOTICE TO PROPOSERS
- NOTICE OF RECEIPT
- Pages to be inserted into Request for Proposals

Clarification of project limits in Exhibit 3 – Scope of Work.

Clarification of Design Criteria– Exhibit 4a Roadway Design Criteria

- Compound curves are allowed in accordance with criteria set forth in the SCDOT Highway Design Manual.

Clarification of Access Road Design – Exhibit 4a Roadway Design Criteria

- Horizontal Curvature at intersection with SC 41 – 115'
- The 90 degree turn should be designed as an all way stop

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NOTICE OF RECEIPT – ADDENDUM #2

The information in this addendum shall be made part of the contract documents. PROPOSERS are instructed to incorporate the information into the previously provided RFP documents.

PROPOSERS are required to sign this document and enclose it with their Technical Proposal and/or Statement of Intent. Signed receipt of this document by The South Carolina Department of Transportation serves as confirmation that the PROPOSER has received and incorporated Addendum #2 into the contract documents.

Confirmation Statement:

I, the PROPOSER confirm that I have received the Addendum #2 package and have incorporated the information provided in the addendum into the contract documents.

PROPOSER's Signature

Date

Printed Name

For: _____
Design Build Firm Name

The following pages should be inserted into previously provided copies of the RFP and the old page of the same number removed and disregarded. A summary of the pages included follows:

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Exhibit 3 – Scope of Work

- Page 1

Exhibit 4a – Roadway Design Criteria

- Page 1
- Page 5

SCOPE OF WORK

General

The CONTRACTOR is to perform, at a minimum, all work necessary to complete the replacement of the SC 41 Bridge over the Wando River as described within this Scope of Work, the Contract Agreement, and the Request for Proposals (RFP). This work shall be performed in accordance with all contract requirements. In carrying out this work, the CONTRACTOR is responsible for all contract services including, but not limited to, project administration, design, plan preparation services (including traffic signal design), demolition and construction services for roadway and bridge, maintenance of traffic, any necessary right of way acquisitions and acquisition services, utility coordination and relocation services, contractor quality control, environmental permits, preparation of as-built plans, public/community relations, and any other service that may be necessary for the replacement of the bridge.

As part of the design services, the CONTRACTOR shall complete the design throughout the project limits per the typical sections provided and according to the details contained herein. The CONTRACTOR is fully responsible for compliance with the specifications and standards cited in all Contract Documents. Design submittals shall be provided in accordance with the Contract Agreement. Any deviation from the proposed design (whether necessary or desired by the CONTRACTOR) shall meet or exceed the contract requirements. If the project design necessitates a modification to any previously approved document (including but not limited to, the environmental document), the CONTRACTOR is responsible for the necessary studies and reports. Final review and approval lies with SCDOT and FHWA.

Acquisition and all costs associated with acquiring the necessary right-of-way shall be the responsibility of the CONTRACTOR. If additional right-of-way is required outside of the NEPA footprint, it shall be the responsibility of the CONTRACTOR to provide a re-evaluation of the NEPA document and to revise any permits deemed necessary to reflect the proposed right-of-way.

Project Summary

The project consists of replacing the existing SC Route 41 moveable-span bridge over the Wando River in Berkeley and Charleston Counties, South Carolina with a fixed-span bridge with 55 feet of vertical clearance. The limits of the project extend from approximately Harpers Ferry Way north across the Wando River, then along a portion of Clements Ferry Road to the intersection with Reflectance Road. The project includes the realignment of the intersection of SC 41 and Clements Ferry Road and the installation of a stop and go traffic signal.

The Scope of Work includes all services necessary to design, acquire necessary right-of-way and construct the bridge and associated roadway approaches complete and open to traffic, and demolish and dispose of existing bridge. The CONTRACTOR will be required to demonstrate that substructures of existing structures have been removed as required in Section 202.4.2 of SCDOT's 2007 Standard Specifications for Highway Construction. In addition, the scope

Section 1

INTENT OF DESIGN CRITERIA

The CONTRACTOR will be expected to design and construct the project according to these design requirements.

Design criteria were established based on design speed, character and composition of traffic and width of right of way. These criteria were derived directly from the South Carolina Department of Transportation (SCDOT) Highway Design Manual (HDM) and supplemented with AASHTO "A Policy on Geometric Design of Highways and Streets," 2001 Edition.

Section 2

DESIGN CRITERIA

The terrain on all routes within the scope of work shall be classified as level. A WB-62 design vehicle shall be utilized for all geometric design, except where otherwise noted.

Route	Design Speed	Functional Classification to be used for design
SC 41	45 mph	Urban Arterial
S-33 (Clements Ferry Rd)	45 mph	Collector
*Access Road	NA	Local (Group 2)

*Access Road is shown on the Public Meeting Display

Compound curves are allowed in accordance with criteria set forth in the HDM.

The typical sections shown in Figures 1 and 2 should be used for the project. The full width median on SC 41 shall, at a minimum, begin south of the Access Road intersection in order to develop the left turn lane into the Access Road. ~~at the south end bridge approach slab~~ and continue through the relocated intersection of SC 41 and S-33 Clements Ferry Road tapering back down to a 2 lane section on S-33 beyond the auxiliary lanes.

Section 4
CLEAR ZONE

Clear zone for all areas shall be as defined in the SCDOT Highway Design Manual, Chapter 14 and supplement with 2002 AASHTO Roadside Design Guide with Chapter 6 updates.

Section 5
SIGHT DISTANCE

The SCDOT Highway Design Manual Chapter 10 – Sight Distance will be used.

The upper range value established in the current edition of AASHTO's "A Policy on Geometric Design of Highways and Streets," 2001, for the appropriate design speed will be used.

Section 6

ACCESS ROAD (NEW LOCATION)

Access must be provided to Detyens Shipyard Inc., TMS 269-00-00-034, and Atlantis Marine Inc., TMS 269-00-00-037, by a public roadway, similar to the Access Road shown on the Public Meeting Display. A dedicated 100 foot right turn auxiliary lane shall be provided for southbound traffic and a 150 foot left turn auxiliary lane shall be provided for the northbound traffic on the SC 41 mainline to access the new Access Road. The Access Road must be designed to accommodate a future 5-lane widening of SC 41. The below minimum criteria must be met for the Access Road.

- Travel Lane Width – 12' (1 entry lane, 1 exit lane)
- Shoulder Width – 4'
- Vertical Clearance (Local Road Under) – 16'
- Horizontal Curvature at intersection with SC 41 – 115'
- Radius Returns – 40'
- Angle of Intersection - 70°-90°
- Design Vehicle – WB 62
- The 90 degree turn should be designed as an all way stop