

SCDOT Design-Build	SCDOT Design-Build Technical Proposal Evaluation Score Sheet					
	I-20 over Wateree River & Overflow Rehabilitation Project					
	03/14/2023 to 03/16/2023					
	Lane - HDR		Kiewitt		Crowder - RK&K	
Preliminary Responsiveness and Responsibility	Pass/Fail	Comments	Pass/Fail	Comments	Pass/Fail	Comments
Were the Proposals submitted in accordance with the Milestone Schedule?	Pass		Pass		Pass	
Is a Technical Proposal Narrative provided?	Pass		Pass		Pass	
Are Conceptual Plans provided?	Pass		Pass		Pass	
Is Proposer still considered responsible?	Pass		Pass		Pass	
Procurement Officer Initials	CW		CW		CW	
Responsiveness	Yes/No	Comments	Yes/No	Comments	Yes/No	Comments
Is the Stipend Acknowledgement Form provided?	Yes		Yes		Yes	
Is the Stipend Agreement provided?	Yes		Yes		Yes	
Is the EEO Certificate provided?	Yes		Yes		Yes	
Is the Non-Collusion Certificate provided?	Yes		Yes		Yes	
Is the Addendum Receipt provided?	Yes		Yes		Yes	
Is the Org Chart and Availability of Key Individuals documents provided?	Yes		Yes		Yes	
Procurement Officer Initials	CW		CW		CW	
Technical Proposal Narrative	Reason	Comments	Reason	Comments	Reason	Comments
1. Describe Project Delivery and Approach by discussing/providing the following:						
a. Identify the proposed schedule for implementing the Project. Include the sequence of construction. Describe methods that will allow a reduction in the overall construction scheduled for the Project. As part of the Technical Proposal Appendices, provide Critical Path Method (CPM) Schedule, graphically, that shows the expected plan, include the following items at a minimum: o Design phases/breakdown o Start and finish milestones for all segments, sections, or phases o Details of traffic control plans o Traffic shifts o Special contract requirements o Known or expected risks o Other activities or relationships that are critical to the Proposer's Project design or construction.	Omitted Items	Did not include bridge maintnance and repairs on the river bridges in the CPM schedule.	Omitted Items	Did not include bridge maintnance and repairs on the river bridges in the CPM schedule.	Omitted Items	Did not include bridge maintnance and repairs on the river bridges in the CPM schedule.
b. Describe Team's approach for maintaining traffic while avoiding and minimizing impacts to the traveling public.		Meets the requirements of the RFP.		Meets requirements of the RFP.		Meets the requirements of the RFP.
c. Describe the proposed design submittal process and include a chart showing anticipated deliverables in sequence that will allow SCDOT to conduct efficient and complete reviews. Include discussion of how any proposed Project phasing/segmentation will be addressed in the design submittal and review process. Dates do not need to be included in the chart showing anticipated deliverables.		Meets the requirements of the RFP.		Meets requirements of the RFP.		Meets the requirements of the RFP.
d. Describe the proposed approach to Quality Control and understanding of the Quality Assurance Program. Discuss the roles of the Proposer and SCDOT for all aspects of construction of the Project. Discuss compliance with required standards, testing laboratories, mix designs and material certifications processes. with required standards, testing laboratories, mix designs and material certifications processes.		Meets the requirements of the RFP.		Meets requirements of the RFP.		Meets the requirements of the RFP.
e. Discuss the proposed approach to addressing any unique characteristics of the Project and mitigating any risk items identified by the Proposer.		Meets the requirements of the RFP.		Meets requirements of the RFP.		Meets the requirements of the RFP.
	Adjectival Score		Adjectival Score		Adjectival Score	
Overall Adjectival Score:	B		B		B	
Procurement Officer Initials	CW		CW		CW	
Technical Proposal Appendices	Reason	Comments	Reason	Comments	Reason	Comments
3. Appendix A.1: Provide Conceptual Roadway Plans. The intent scoring Proposer's conceptual roadway plans is for SCDOT to understand that the proposer clearly demonstrates its understanding of requirements of the RFP and the Team's approach to meet those requirements. The quality of the plans will be reviewed and scored for compliance with RFP requirements, including Formal ATC's authorized for inclusion in the proposal, if any, rather than plan development/preparation conformance. The following shall be provided.						
a. Typical sections for all roadways shall include as a minimum (11"x17" plan sheets): • Design speed • Functional classification • Lane configuration and widths • Shoulder and median widths • Cross slopes • Point of grade • Notes and details as necessary		Meets the requirements of the RFP.		Meets the requirements of the RFP.	RFP Conformance Issues	Median cable barrier is not shown at the correct location in the median on typical section in accordance with Standard Drawing 805-950-01.
b. Plan and profile for the entire project limits including interchange layout (11"x17" plan sheets). Plan view shall include as a minimum: • Geometric layout with reference data • Superelevation data • Taper lengths • Deceleration/acceleration lengths • Construction limits • Control of Access Limits (mainline and interchange) • Existing and proposed Right of Way • Lane alignment • Clear zone limits • Horizontal clearance at obstructions (any critical locations) • Roadside barriers (location and type) • Bridge and box culverts • Limits of retaining walls • Indicate any design exceptions approved in the RFP • Material Staging and Laydown Areas Profile view shall indicate: • Grades & elevations • Vertical curvature (PI station & elevation, length & K value, stopping site distance design speed met) • Bridge clearance envelopes	Multiple	( Deficiencies) Did not address how they would attach Mash guardrail to Pre Mash barrier on the pond bridges. (Minimal Design Value) Used grades less the .5% desirable value established in the RFP for a significant portion of the profile.	Multiple	(Deficiencies) Did not address how they would attach Mash guardrail to Pre-Mash barrier on the pond bridges.(Omitted Items) Plans do not include the clear zone and construction limits. (RFP Conformance Issue) The use of additional length quardrail post in areas that don't meet the application as specified in the RFP. (RFP Conformance Issue) Traffic departing the bridge in each direction encounters clear zone hazards: back face of leading-end guardrail attachment to median barrier, exposed-end of median cable barrier, flume, and riprap pad.		Meets the requirements of the RFP.
c. Cross sections only where necessary to indicate a significant difference from the conceptual plans in the Project Information Package. These should be limited to only those showing a significant change and may be segmented for only the areas where changes occur (11"x17" plan sheets).		Meets the requirements of the RFP.	RFP Conformance Issues	Maximum slope requirements for median guardrail installation are not being met based on the slopes shown in the cross sections.	Omitted Items	Did not provide x-sections despite significant difference from conceptual plans.



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d. Special emphasis details (where needed to clearly demonstrate understanding and approach - isolated locations such as ramp ties, wall types, etc.) (11"x17" plan sheets).		Meets the requirements of the RFP.		Meets the requirements of the RFP.		Meets the requirements of the RFP.
	Adjectival Score		Adjectival Score		Adjectival Score	
Overall Adjectival Score:	B		C		B	
Procurement Officer Initials	CW		CW		CW	
Technical Proposal Appendices	Reason	Comments	Reason	Comments	Reason	Comments
4. Provide Conceptual Maintenance of Traffic Plans						
The plans shall depict the number of construction stages and a staging narrative within those plans to include duration of each stage. The plans may be color coded and can be provided on roll plots at a scale no smaller than 1" = 200' on 36" width x 8' length sheets fort the entire projects limits including interchanges, as applicable. Plan scale and detail for critical areas shall be appropriate for demonstrating transitions, directional flow, and all items below.		Meets the requirements of the RFP.		Meets the requirements of the RFP.		Meets the requirements of the RFP.
a. Plan for areas deemed critical by the design team for staging concerns. These areas may require cross sections for more detail.		Meets the requirements of the RFP.		Meets the requirements of the RFP.		Meets the requirements of the RFP.
b. Plan for access to the median work zone (ingress and egress).		Meets the requirements of the RFP.		Meets the requirements of the RFP.		Meets the requirements of the RFP.
c. Plan for maintaining positive temporary drainage during stages.		Meets the requirements of the RFP.		Meets the requirements of the RFP.		Meets the requirements of the RFP.
d. Plan for notifying the traveling public of upcoming stages.		Meets the requirements of the RFP.		Meets the requirements of the RFP.		Meets the requirements of the RFP.
	Adjectival Score		Adjectival Score		Adjectival Score	
Overall Adjectival Score:	A		A		A	
Procurement Officer Initials	CW		CW		CW	
Technical Proposal Appendices	Reason	Comments	Reason	Comments	Reason	Comments
5. Provide Conceptual Bridge Plans for the overpass bridges which shall consist of the following:						
a. Plan and profile of bridge, including but not limited to: horizontal and vertical clearances, hydrology data, intent for bridge deck and bridge end drainage, anticipated foundation type, approximate toe of slope with abutment grading and riprap, expansion joint locations and types of joint materials, and bearing conditions at each bent.	Omitted Items	Did not inclued the expansion joint type on the plans.	Omitted Items	Vertical Profile information left off plan sheet.	Omitted Items	Did not inclued the expansion joint type on the plans.
b. Superstructure cross sections and substructure elevations showing pertinent structural elements, and dimensions		Meets the requirements of the RFP.		Meets the requirements of the RFP.	RFP Conformance Issues	Oversized drilled shafts are not included but will be needed to comply with seismic specifications.
c. Construction staging plan for bridge work including dimensions of temporary roadway widths both on the bridges and, where applicable, on the roadway beneath the bridges.		Meets the requirements of the RFP.		Meets the requirements of the RFP.		Meets the requirements of the RFP.
d. Bridge construction access plan showing areas used to access the bridge work and showing proposed equipment and material handling locations and staging.		Meets the requirements of the RFP.		Meets the requirements of the RFP.		Meets the requirements of the RFP.
e. Retaining wall envelopes at the bridge ends showing top of wall, ground lines, and bottom of wall (required only if retaining walls are proposed).		Meets the requirements of the RFP.	RFP Conformance Issues	Interior bent cap cantilever distance does not comply with Exhibit 4b, Section 2.1.19.		Meets the requirements of the RFP.
	Adjectival Score		Adjectival Score		Adjectival Score	
Overall Adjectival Score:	B		B		B	
Procurement Officer Initials	CW		CW		CW	
Innovation and Added Value:		Comments		Comments		Comments
2. Describe the Proposer's Innovation and Added Value to the Project that clearly provides additional benefit to SCDOT or the public.						
a. Expedited Schedule		Changed completion date to 1534 finishing 200 days early and is a 12% time reduction.		Substantial completion is 91 days sooner than the allowed 1,734 calendar days. Final completion is 58 days sooner than the allow 180 days after substaintial completion.		
b. Schedule Certainty o Increased liquidated damage rates o Assuming SCDOT risks related to schedule		Increased the the LD rate to \$10,000		Increased the LD rate to \$12,000 for substantial completion. Increased LD rate to \$5,000 for the final completion.		
c. Minimizing impacts to traffic including, but not limited to, the following: o Traffic shifts o Temporary lane closures o Construction Stages				Increased the LD rate for lane closures outside of the required timeframes. ATC 4, which included full depth sholders and constructing the access ramps, that allows for daytime construction access.		
d. Construction techniques that limit the amount of in-water construction				Use of gantry crane will reduce the in-water construction		
e. Identify materials, designs, and construction methods that would minimize maintenance costs in the future to the SCDOT or benefit the Project.						
Additional Items:		New pond bridge on the EB side provides for a new bridge structure is and added value, but there was some additional life of the pond bridges. Addition width on Riverbridge that sets the bridge up for future widening in the EB direction.		Additional bridge width providing for a 6 lane section in the future.		Addition bridge width added to the WB bridge that would accommodate a futue 3 lanes.
		Quality Credit Points		Quality Credit Points		Quality Credit Points
Overall Quality Credit Score		18.20		32.40		12.40
Procurement Officer Initials		CW		CW		CW
I certify that the scores shown on this sheet(s) accurately reflect the actions of the Committee on March 14, 2023 to March 16, 2023 and that the evaluation was done in accordance with the RFP.						
Brad Reynolds Chairperson <u>Brad Reynolds</u>						
John Caver Voting Member <u>John A. Caver Jr</u>						
Trapp Harris Voting Member <u>Will H. Harris</u>						
David Rogers Voting Member <u>David Rogers</u>						
John Burns Voting Member <u>John M. Burns Jr.</u>						
0 Voting Member*						
Carmen Wright Procurement Off <u>Carmen Wright</u>						
Brian Gambrell Legal <u>Brian Gambrell</u>						
Rickele Gennie FHWA						

