



Request for Proposal (RFP) Amendment Notification # 1

NOTICE TO ALL CONSULTING ENGINEERING FIRMS

Solicitation Number S-227-18:

US 76 West Bound Bridge Replacement over Wateree River

SIA Reports Attached Below

IDENTIFICATION			
(1) State Name - SOUTH CAROLINA	Code 454	Sufficiency Rating = 69.1	
(8) Structure Number	# 0004320007640100	Functionally Obsolete = NO	
(5) Inventory Route (On/Under)	On - 121000764	Structurally Deficient = YES	
(2) State Highway Department District	1		
(3) County Code 85	(4) Place Code		
(6) Features Intersected	WATEREE RIVER		
(7) Facility Carried	US 76 WB		
(9) Location	12 MI W OF SUMTER		
(11) Milepoint	0.044		
(12) Base Highway Network -PART OF NET	Code 1		
(13) LRS Inventory Route & Subroute	00US00076000		
(16) Latitude	33 Degrees 56 Minutes 51.81 Seconds		
(17) Longitude	80 Degrees 37 Minutes 37.74 Seconds		
(98) Border Bridge State Code	% SHARE %		
(99) Border Bridge Structure No.	#		
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL -STEEL CONT Type - 2	Code 402		
(44) Structure Type Appr: MATERIAL -CONCRETE Type - TEE BEAM	Code 104		
(45) Number of Spans in Main Unit	4		
(46) Number of Approach Spans	53		
(107) Deck Structure Type -CONCRETE CAST-IN-PLC	Code 1		
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code 1		
B) Type of Membrane - NONE	Code 0		
C) Type of Deck Protection - NONE	Code 0		
AGE AND SERVICE			
(27) Year Built	1970		
(106) Year Reconstructed			
(42) Type of Service On -HIGHWAY Under - WATERWAY	Code 5		
(28) Lanes: On Structure = 2 Under Structure = 0			
(29) Average Daily Traffic	6250		
(30) Year of ADT 2016	(109) Truck ADT 08 %		
(19) Bypass, Detour Length	1 MI		
GEOMETRIC DATA			
(48) Length of Maximum Span	176 FT		
(49) Structure Length	2292 FT		
(50) Curb or Sidewalk: Left 0.0 FT Right 0.0 FT			
(51) Bridge Roadway Width Curb to Curb	32 FT		
(52) Deck Width Out to Out	34.8 FT		
(32) Approach Roadway Width (W/Shoulders)	32 FT		
(33) Bridge Median -OPEN	Code 1		
(34) Skew 0 Deg (35) Structure Flared	NO		
(10) Inventory Route Min Vert Clear	99 FT 99 IN		
(47) Inventory Route Total Horz Clear	32.0 FT		
(53) Min Vert Clear Over Bridge Roadway	99 FT 99 IN		
(54) Min Vert Underclear Ref - NOT HWY OR RX	0 FT 0 IN		
(55) Min Lat Underclear Right Ref -NOT HWY OR RX	99.9 FT		
(56) Min Lat Underclear Left	0.0 FT		
NAVIGATION DATA			
(38) Navigation Control -NONE	Code 0		
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance	FT		
(116) Vert-Lift Bridge Nav Min Vert Clear	FT		
(40) Navigation Horizontal Clearance	FT		
CLASSIFICATION			
(112) NBIS Bridge Length -	YES		
(104) Highway System - NHS	1		
(26) Functional Class - RURAL-PRIN ART-OTH	02		
(100) Strahnet Highway - NOT STRAH HWY	0		
(101) Parallel Structure - LEFT STRUCT	L		
(102) Direction of Traffic - 1-WAY TRAFFIC	1		
(103) Temporary Structure -			
(105) Federal Lands Highways -N/A	0		
(110) Designated National Network -YES	1		
(20) Toll - ON FREE ROAD	3		
(21) Maintain - SCDOT	1		
(22) Owner - SCDOT	1		
(37) Historical Significance -NOT ELIGIBLE	5		
CONDITION			
(58) Deck - SATISFACTORY	6		
(59) Superstructure - POOR	4		
(60) Substructure - FAIR	5		
(61) Channel and Channel Protection -BANKS PROT	8		
(62) Culverts - NOT APPLICABLE	N		
LOAD RATING AND POSTING			
(31) Design Load - HS 20	5		
(64) Operating Rating - LF	76		
(66) Inventory Rating - LF	45		
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS	5		
(41) Structure Open, Posted or Closed - Description -OPEN, NO RESTRICT	A		
APPRAISAL			
(67) Structure Evaluation - MEETS MIN TOLER LIMITS	4		
(68) Deck Geometry	4		
(69) Underclearances, Vertical and Horizontal	N		
(71) Waterway Adequacy	9		
(72) Approach Roadway Alignment	8		
(36) Traffic Safety Features	1111		
(113) Scour Critical Bridges - FOUND ABOVE WATER ELE	9		
PROPOSED IMPROVEMENTS			
(75) Type of Work - REHAB/DETERIORATION	Code 351		
(76) Length of Structure Improvement	2292.0 FT		
(94) Bridge Improvement Cost	\$3,400,000		
(95) Roadway Improvement Costs	\$170,000		
(96) Total Project Cost	\$3,740,000		
(97) Year of Improvement Cost Estimate	2017		
(114) Future ADT	10875		
(115) Year of Future ADT	2036		
INSPECTIONS			
(90) Inspection Date 07/2016	(91) Frequency 24 Mo		
(92) Critical Feature Inspection:	(93) CFI Date		
A) Fracture Crit Detail	NO Mo A)		
B) Underwater Insp	YES Mo 60 B) 09/01/2012		
C) Other Special Insp	YES Mo 24 C) 05/01/2017		