

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION

DESIGN-BUILD PROJECT

for

INDIAN RIVER INLET BRIDGE

Replacement of Bridge 3-156,
SR1 over Indian River Inlet
State Contract # 26-073-03 Readvertised
Federal Contract # BRN-S050(14)

SCOPE OF SERVICES PACKAGE

INSTRUCTIONS TO PROPOSERS

APPENDIX D

EXAMPLE SCORE SHEETS

Delaware Department of Transportaion

DELAWARE DEPARTMENT OF TRANSPORTATION

Indian River Inlet Bridge Readvertised - Design-Build Project

Technical Proposal Scoresheet

D/B Team: _____

Scorer ID: _____

Date: _____

Item # 1: DESIGN AND CONSTRUCTION CONCEPTS (25 Points)

Intent: The Design-Builder has utilized appropriate design and construction methods for their proposed bridge concept.

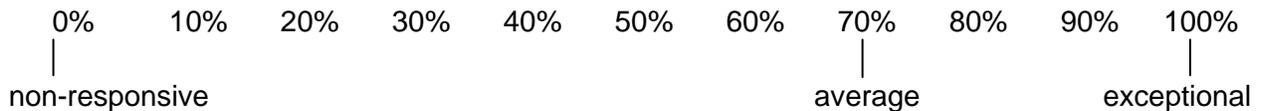
RFP References: Part 3, Appendix A - Performance Specifications

Considerations to be used in scoring this item include, but are not limited to:

- Are the design criteria adequately addressed?
- Are the minimum design criteria exceeded?
- Are the proposed construction methodologies and sequence of activities efficient?
- What foundation types are proposed and what tip elevations are anticipated?
- Does the design offer appropriate degrees of redundancy?
- What scour measures are proposed for scour minimization and mitigation?
- How will the project tie to the adjacent roadway contract?
- Does the plan proposal include appropriate levels of detail?
- What innovations have been used?
- What provisions are proposed for construction inspection?
- What risks are involved with the Work?

Supporting Comments by Scorer: _____

RAW SCORE DEFINITION



RAW SCORE THIS ITEM: _____ %

Delaware Department of Transportation

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D/B Team: _____

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Item # 2: MAINTAINABILITY, INSPECTABILITY and DURABILITY (20 Points)

Intent: The proposed structure will be easily inspected, maintained and will be durable.

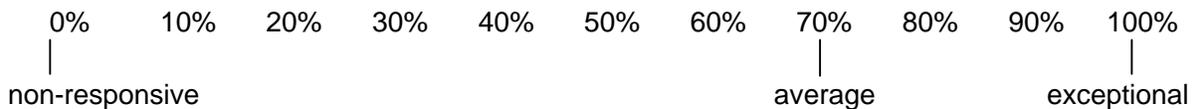
RFP References: Part 3, App. A, - Inspection, Maintenance & Const. PS
Part 3, App. A, - Warranty Requirements PS

Considerations to be used in scoring this item include, but are not limited to:

- How have the minimum requirements been adequately addressed or exceeded?
- Are drainage details susceptible to blockage or leakage?
- Are the provisions for bearing replacement acceptable?
- Are the bridge details resistant to snowplow damage?
- What are the anticipated maintenance items?
- Are warranties requirements exceeded?
- Is bird nesting mitigated?
- Does the structure type, access, and lighting provisions allow for easy, efficient, and safe inspection?
- Does the design facilitate safe and efficient access to all areas of the bridge for inspection and maintenance activities?

Supporting Comments by Scorer: _____

RAW SCORE DEFINITION



RAW SCORE THIS ITEM: _____ %

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D/B Team: _____

Scorer ID: _____

Date: _____

Item # 3: QUALITY OF SCHEDULE (10 Points)

Intent: The schedule submitted shall meet the following required milestone dates, to be considered responsive:

- Available to traffic no later than *December 31, 2011*
- Fully complete no later than March 31, 2012

RFP References: *Part 4, CPM Schedule Special Provision*
ITP, Appendix C, Forms PC1 thru PC5

Considerations in addition to meeting the Intent stated above, to be used in determining the responsiveness of this item include:

- Is the schedule complete, comprehensive, and attainable with the bridge available to traffic no later than *12/31/2011*?
- Does the schedule address key milestone and substantial completion dates?
- Are the proposed durations of work for each activity specified?
- Is the critical path defined?
- Is the Schedule of Values for payment complete and consistent with the scheduled work activities?

Supporting Comments by Scorer: _____

RAW SCORE DEFINITION

10% equals available to traffic by *12/31/2011*

Score for date available to Traffic prior to <i>12/31/2011</i>										
	12/31	11/30	10/31	9/30	8/31	7/31	6/30	5/31	4/30	3/31
0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

non-responsive, (Not available to Traffic by *12/31/2011*)

RAW SCORE THIS ITEM: _____ %

Delaware Department of Transportation

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D/B Team: _____

Scorer ID: _____

Date: _____

Item # 4: BRIDGE AESTHETICS AND PUBLIC INVOLVEMENT (5 Points)

Intent: The bridge structure will be consistent with public preferences.

RFP References: Part 3, App. A - *Aesthetic Requirements PS*
Part 3, App. A - *Public Outreach Requirements PS*
Reference Documents, *Design Charette Summary Reports*

Considerations to be used in scoring this item include, but are not limited to:

- Have previous design themes been considered/utilized?
- Are the design details consistent with the adjacent contracts?
- How many of the participant decisions from the previous design charettes have been incorporated?
- Have the minimum aesthetic criteria of the performance specs been exceeded?
- Have the minimum public outreach requirements been exceeded?
- What involvement will the public have in the selection of final design details?
- How will park and recreational impacts be minimized and/or avoided?
- What are the traffic impacts?
- What are the pedestrian impacts?
- How durable are the aesthetic treatments?
- Has adequate detail been presented?

Supporting Comments by Scorer: _____

RAW SCORE DEFINITION



RAW SCORE THIS ITEM: _____ %

Delaware Department of Transportation

DELAWARE DEPARTMENT OF TRANSPORTATION
Indian River Inlet Bridge Readvertised - Design-Build Project
Technical Proposal Scoresheet

D/B Team: _____

Scorer ID: _____

Date: _____

Item # 5: TEAM QUALIFICATIONS (15 Points)

Intent: To ensure the appropriate expertise is provided for the actual bridge concept proposer

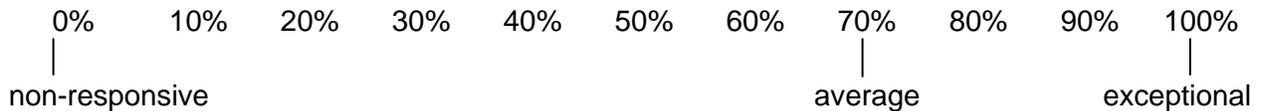
RFP References: Part 4, Page 2 - Section 108C - Key Personnel

Considerations to be used in scoring this item include, but are not limited to:

- What relevant experience do the Key Staff offer? (Section 108C)
- Are the roles and responsibilities of all firms on the team clearly defined?
- Are the roles and responsibilities of all individuals on the team clearly defined?
- Are all appropriate areas of expertise included on the team?
- Have the minimum qualifications requirements been exceeded?
- Quality of presentation(s).

Supporting Comments by Scorer: _____

RAW SCORE DEFINITION



RAW SCORE THIS ITEM: _____ %

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Indian River Inlet Bridge Readvertised - Design-Build Project
Technical Proposal Scoresheet

D/B Team: _____

Scorer ID: _____

Date: _____

Item # 7: PROJECT SAFETY PLAN (15 Points)

Intent: All work is to take public and worker safety into consideration.

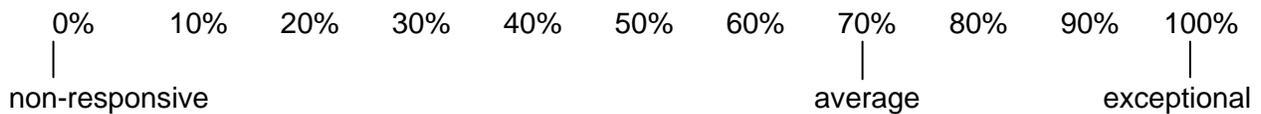
RFP References: Part 2, DB Sections 107-5 thru 107-9

Considerations to be used in scoring this item include, but are not limited to:

- How will emergency access be maintained and/or coordinated?
- How will park users, fishermen, bicyclists, boaters, and pedestrians be protected during all stages of construction? (DB 107-7 thru 107-9)
- What construction activities are proposed within the inlet?
- What risks are there to the structural integrity of the approach embankment and MSE Walls?
- How will work site security be maintained? (DB 107-6)
- What risks does the work pose to the workers?
- What is the team's accident history?

Supporting Comments by Scorer: _____

RAW SCORE DEFINITION



RAW SCORE THIS ITEM: _____ %

Delaware Department of Transportation

DELAWARE DEPARTMENT OF TRANSPORTATION
 Indian River Inlet Bridge Readvertised - Design-Build Project
 Technical Proposal Scoremaster

Design/Build Team: _____

Item	CATEGORY:	Avail Points	Scorer					Average Score:	Points Earned:
			1	2	3	4	5		
1	Design and Construction Concepts	25							
2	Maintainability, Inspectability, Durability	20							
3	Quality of Schedule	10							
4	Bridge Aesthetics/Public Involment	5							
5	Team Qualifications	15							
6	Project Management, QC Plans	10							
7	Project Safety Plan	15							

TOTAL TECHNICAL SCORE: _____

Design/Build Team: _____

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