

## Request for Proposals Question and Response Matrix

The following Matrix includes NHDOT's response to clarification questions submitted by shortlisted Proposers regarding the RFP for the Memorial Bridge Replacement Project.

No.	RFP Volume (unless request is of general application)	Section and Page No. (if a general question, so note)	Question/Comment	Department Response
1	Vol. I (ITP)  Vol. II – Book 1 (DB Contract)  Vol. II – Book 1 (DB Contract)	ITP Exhibit B Section 3.2.5  DB Contract Appendix 1  DB Contract Appendix 7	Section 3.2.5 and Exhibit D (Form E) of the ITP state that resumes for the key personnel listed below are to be submitted prior to the July 18, 2011 deadline for approval by NHDOT. As there is some discrepancy between this list of key personnel and the list of key personnel in the Design-Build Contract Appendices (Appendices 1 and 7), can we assume that the ITP is correct and that we are required to submit resumes for approval for only those positions listed below? <ul style="list-style-type: none"> <li>• Project Manager</li> <li>• Construction Manager</li> <li>• Design Manager</li> <li>• Safety Manager</li> <li>• Quality Control Administrator</li> <li>• Design Quality Control Manager</li> <li>• Construction Quality Control Manager</li> <li>• Environmental Compliance Manager</li> <li>• Movable Bridge Engineer</li> <li>• Movable Bridge Mechanical Engineer</li> <li>• Movable Bridge Electrical Engineer</li> </ul>	The Key Personnel positions for which information is to be submitted are shown in Appendix 7 of the DB Contract. ITP Form E and the definition in Appendix 1 will be modified in Addendum No. 1.
2	Vol. II – Book 2 (Tech. Prov.)	Section 7.7.7.1.D (pg. 112-113)	Subparagraph D. requires that the bridge service feeders be extended from the service transformers to the bridge south tower. But subparagraphs P. and Q. require the ENGG and transfer switches to be located under south approach. Is it the intent to run the electric service feeders to the south tower, and then change direction and go back to the location of the transfer switches, or should the electric service feeders simply go directly to the transfer switches under the south approach, and then on to the south tower?	Bridge service feeders and the feed from the Emergency Generator should be routed to the ATS. Power from the ATS should be routed to the south tower.

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3	Vol. II – Book 2 (Tech. Prov.)	Section 7.7.7.3 (pg. 115)	This section requires use of an inverter duty gear motor, but there is no mention of an auxiliary VFD for this motor. Is it the intent to require use of a VFD to control the auxiliary drive?	The auxiliary motor to be driven by a VFD.
4	Vol. II – Book 2 (Tech. Prov.)	Section 1.5.b (pg. 4)	This section requires a back-up natural gas generator," but Section 7.7.6.1, 4th paragraph, the wording is "two emergency diesel generators." Is diesel or natural gas required?	Technical Provision §1.5.b and §7.7.6.1 will be modified in Addendum No. 1 to indicate two "emergency natural gas generators" are to be placed in the area under the Scott Avenue Bridge.
5	Vol. II – Book 2 (Tech. Prov.)	Section 7.7.6.3.C (pg. 108)	This section requires that trunnion bearings shall be bronze-bushed". Will spherical roller bearings per AASHTO 2007 LRFD Design Specifications for Movable Highway Bridges be acceptable for the main trunnion bearings? This would greatly reduce the size of the span drive motors and machinery and would reduce the future operating and replacement costs.	The RFP will be will be modified in Addendum No. 1 to allow spherical roller bearings that meet <i>2007 AASHTO LRFD Movable Highway Bridge Design Specifications</i> . Changes will be made in Technical Provision §7.7.6.3.C and Special Provision §801.2 subsections 1.1.3, 1.2, and 1.3.
6	Vol. II – Book 3 (Spec. Prov.)	SP 801.2, Section 1.1.3, 1.2 and 1.3 (pg. 1-2)	These sections require bronze-bushed bearings. Will spherical roller bearings per AASHTO 2007 LRFD Design Specifications for Movable Highway Bridges be acceptable for the operating drum, pinion, and deflector bearings? This may further reduce the size of the span drive motors and machinery and would reduce the future operating and replacement costs.	Refer to response to Clarification Question 5.
7	Vol. II, Book 3, (Spec. Prov.)	SP 801.3, Section 1.1.3 (pg. 1)	This section requires 1-1/2" diameter operating ropes with a minimum breaking strength of 125 tons. Will smaller operating ropes be acceptable if per AASHTO 2007 LRFD Design Specifications? This may reduce the size of the operating drums and would reduce the future operating and replacement costs.	Special Provision 801.3, §1.1.3 will be modified in Addendum No. 1 to indicate the size, strength, and number of ropes need to meet the requirements of the <i>2007 AASHTO LRFD Movable Highway Bridge Design Specifications</i> based on the operating loads associated with the design. The prescriptive rope size will be removed.
8	Vol. II, Book 1, (DB Contract)	Section 9.1.5 (pg. 59)	The Professional liability coverage Section 9.1.5 requires a 10 year Extended Reporting Period. However, later in this section it states that the policy period and the Extended Reporting Period shall not be less than 3 years. This is inconsistent with the 10-year requirement noted earlier. Please clarify what is required noting that a 10-year Extended Reporting Period will add significant cost to the project.	DB Contract §9.1.5 will be modified in Addendum No. 1 to require a 3 year Extended Reporting Period.

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9	Vol. II, Book 1, (DB Contract)	Section 9.2.1 (pg. 60)	Under Section 9.2.1 it states "At the option of NHDOT, the insurer shall either reduce or eliminate deductibles. Is this applicable now that the CCIP requirement has been removed?"	DB Contract §9.2.1 will be modified in Addendum No. 1 to delete this option.
10	Vol. II, Book 1, (DB Contract)	Section 9.2.3.d (pg. 62)	Section 9.2.3 (d) requires notification to NHDOT if limits/coverage have been reduced or modified. Is this applicable now that the CCIP requirement has been removed?"	DB Contract §9.2.3(d) will be modified in Addendum No. 1 to delete this notification requirement.