



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
800 BAY ROAD
P.O. Box 778
DOVER, DELAWARE 19903

CAROLANN WICKS, P.E.
SECRETARY

(302) 760-2030
FAX (302) 739-2254

May 8, 2008

Interested Design Builders:

RE: Contract No. 26-073-03 Readvertised
Federal Aid Project No. BRN-S050(14)
Bridge 3-156 on SR-1 over Indian River Inlet
Sussex County

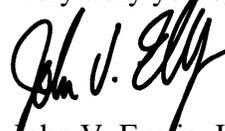
Attached is Addendum No. 6 to the RFP for the referenced contract consisting of the following:

1. One (1) page, Scope of Services Package Response Comment Form, Form RCF – Question 90, page 1, new, to be added to the Request For Proposal.
2. One (1) page, Scope of Services Package, Contract Documents - Part 1 - Project Scope, page 2 of 6, revised, to be substituted for the same page in the Request For Proposal.
3. One (1) page, Scope of Services Package, Contract Documents - Part 2 - DB Section 101, pages 14 of 19, revised, to be substituted for the same page in the Request For Proposal.
4. One (1) page, Scope of Services Package, Contract Documents - Part 2 - DB Section 112, pages 4 of 7, revised, to be substituted for the same page in the Request For Proposal.
5. One (1) page, Scope of Services Package, Part 4 - Special Provisions, 605500 – Cable Supported Bridge System Requirements, pages 9 of 18, revised, to be substituted for the same page in the Request For Proposal. (Part 4 – Special Provisions sequence page 69.)

Addendum No. 6
May 10, 2008
Page 2 of 2

Please note the revisions listed above and submit your Proposal based upon this information.

Very truly yours,

A handwritten signature in black ink, appearing to read "John V. Eustis, Jr.", written in a cursive style.

John V. Eustis, Jr.
Contract Services Project Manager

:jve, jr.
attach.

FORM RCF

SCOPE OF SERVICES PACKAGE RESPONSE COMMENT FORM

Q No.	Part Number	Section Number	Comment(s)	Reserved for Response
Q – 90	4	605500 4.2.1	<p>The PTI guideline allows for a mass damping parameter and damping effectively less than the damping provided by $(200 + L) / 1200$ minimum, if specialty testing is performed. Should we consider this a valid exception to the minimum damping specification of $(200 + L) / 1200$?</p> <p>If $(200 + L) / 1200$ formula is to be used, up to what cable frequency should the damping demand be applied since it is known that the damper's efficiency depends on frequency thus the damper devices cannot cover efficiently more than few modes? Even friction dampers which cover wider range of frequencies than viscous dampers, have efficiency limitations.</p>	<p>Section 4.2.1 provides for a minimum damping level, which takes precedence over PTI. The design-builder should select frequencies corresponding to the relevant vibration modes to demonstrate the minimum. The minimum damping value is necessary, but not necessarily sufficient in accordance with 4.2.1 – the design-builder must satisfy the performance requirements for vibration limits, and provide additional damping if necessary. The performance standard is not a damping value, but rather the limits on cable vibrations as specified. The type of damping device is left to the design-builder.</p>