Multiple Award Bid to Provide Pricing per gallon for Low Viscosity Polymer (LVP) Bridge Deck Crack Filler

Supporting Information for Multiple Award Bid:

Purpose: LVP to fill cracks on bridge decks by squeegee or broom spread application

Bridge Deck Surface Preparation and Dryness: Bridge deck will be pressure washed (2500 psi minimum) 3 days prior to polymer application and 2 days after any measurable precipitation.

Anticipated LVP Crack Filler Coverage Rate: 100 sf/gallon

Broadcasting of Aggregate: 1 to 2 lbs/sqyd dry blasting sand

Vendor requirements:

1. Manufacturer’s representative will attend a pre-meeting with Dept Personnel to review material application requirements and safety procedures prior to first application.
2. Manufacturer’s representative will provide on-site technical support with product usage for first application.

LVP Bridge Deck Crack Filler Material Specifications:

Minimum Application Temp:  <= 50 deg F

Viscosity: <= 25 cps ASTM D-2393

Gel Time: =>20 mins @ 70 deg F   AASHTO T-237

Tensile Strength:  => 1500 psi, ASTM D638

Elongation: =>5% ASTM D638

Solids Content: => 95%

Flash Point: => 50 deg F  ASTM D1310

Cure Rate (Tack Free):  <= 3 hrs @ 70 deg F AASHTO T-237

Independent laboratory reports per formulation shall be provided, documenting that the LVP meets the requirements of this specification. A sample of the polymer components shall be supplied upon request.