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ADDENDUM #2

RFP # 7550143 **TITLE: 3 YEAR AUTOMATED PAVEMENT CONDITION DATA COLLECTION SURVEY**

SUBMISSION DEADLINE: **1/22/16 – 11:30 A.M.**

See attached revisions and additions/deletions relative to the RFP.

Lisa Hill

Lisa Hill
Chief Buyer

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

7550143 – 3-YEAR AUTOMATED PAVEMENT CONDITION DATA COLLECTION SURVEY

Per the issuance of **ADDENDUM # 7550143A2** the following changes are noted:

- **REVISIONS:**

  - **On PAGE 1**, under *"Contract Term/ Conditions"*, the following statement has been **REVISED** to read:

    The overall contract completion date for all services defined shall be JULY 31, 2018.

- **ADDITIONS/ DELETIONS:**

  - **On PAGES 15-16**, SECTION 3- CONTRACT REQUIREMENTS under *"Automated Pavement Data Collection Measurement Requirements"; the highlighted language has been **ADDED** to ITEM 4:*

    4. Roughness data shall be collected in terms of International Roughness Index (IRI). Roughness data shall also meet or exceed the Federal Highway Administration's (FHWA) Highway Performance Monitoring System (HPMS) requirements. The VENDOR shall follow the requirements of AASHTO R 43 with the following exceptions: Section 8.1.2, Section 8.2.3, Section 8.2.5, Section 8.2.6, Section 8.2.7, and Section 8.2.8. The VENDOR shall provide roughness data as the IRI summarized by 0.1 mile segments like all other pavement condition information (see Item 6), and the VENDOR shall provide roughness information as a raw profile that shall be compatible to the ProVAL software in a .ppf format or approved equivalent. The VENDOR shall also document in their technical proposal how they maximize the level of accuracy of IRI measurements in a stop and go travel environment.

  - **On PAGE 16**, under same Section, *the highlighted **ITEM 5 has been ADDED in its entirety**:*

    5. FHWA HPMS recommendations shall be followed unless permitted by the Engineer.

  - **On PAGE 16**, under same Section, *the highlighted language has been **ADDED to ITEM 7**:*

    7. The images must be submitted on a medium that allows for viewing on RIDOT'S existing computer setup. RIDOT's existing computer setup is described under General Requirements, Item 1. The VENDOR shall follow the requirements of AASHTO PP68 with the following exceptions: Section 4.2.2, Section 4.2.3, Section 4.3, Section 6.3.1 (the portion pertaining to average crack width ONLY), Section 6.3.2, and Section 6.5.1 (the portion pertaining to 5 km of data collection to be performed monthly ONLY). The pavement images shall be available to RIDOT in order for RIDOT to select samples for review of the VENDOR's data accuracy.

- **On PAGE 16**, under same Section, the *strikethrough language has been* ***DELETED*** ***from ITEM 8***:

  8. All pavement related data, including any pavement images, shall be collected on all lanes on the National Highway System (NHS), only from the outside travel lanes in both directions on all other state maintained roadways or numbered roadways, and from the outside travel lane in the northbound or eastbound direction only for Federal aid eligible, non NHS, municipally maintained roadways. ~~The RIDOT shall provide the vendor with maps defining the NHS.~~ The approximate mileage to be collected is 3,050 lane miles in YEARS 1 and 3; and 3,700 lane miles and 450 Ramps in YEAR 2.

- **On PAGE 17**, under **Quality Assurance** Section, the *highlighted language has been* ***ADDED*** ***to ITEM 5:***

  5. The VENDOR shall submit their post processed data and corresponding pavement images weekly beginning at the end of the third week of field data collection. The RIDOT will select samples from this data to review the VENDOR's data accuracy.

- **On PAGE 17**, under same **QA Section**, the *highlighted language has been* ***ADDED*** ***to ITEM 6:***

  6. The RIDOT shall select a minimum of two (2) blind sites (locations that have been field reviewed by the RIDOT and are unannounced to the VENDOR) each 0.1 mile long. The data from these sites will be reviewed when the VENDOR submits data for them to assure that the distress data falls within the required tolerance. If the data falls outside of the required tolerance (the required tolerance for the blind sites is the same as that for the control sites) for the first blind site, the VENDOR shall make any necessary adjustments to the post processing of all previously collected data to ensure that the data is of acceptable quality. If this fails to provide data of acceptable quality, then the VENDOR shall make appropriate equipment adjustments then re drive everything that has been collected prior to driving the route that the blind site is located or the last 500 lane miles, whichever is less, at the VENDOR's expense (at no additional cost to the RIDOT). If the data falls outside of the required tolerance for the second blind site, the VENDOR shall make any necessary adjustments to the post processing of all data collected data since the submission of the route that the first blind site is located to ensure that the data is of acceptable quality. If this fails to provide data of acceptable quality, then the VENDOR shall make appropriate equipment adjustments then re drive everything that has been collected between the route that the first blind site is located and the route the second blind site is located or the last 500 lane miles, whichever is less at the VENDOR's expense.

- **On PAGE 18**, under ***Miscellaneous*** Section, the *strikethrough language has been* ***DELETED*** ***from ITEM 1***:

  1. The VENDOR shall schedule a startup meeting with RIDOT. The VENDOR will be presented with the RIDOT Quality Management Plan at this meeting, which documents the RIDOT procedures pertaining to pavement distress rating protocols as well as policies related to Quality Assurance. If it is determined through the ~~QA~~ reviews that the VENDOR misunderstands the RIDOT distress rating protocols, then a computer meeting shall be held between the RIDOT and the VENDOR to clarify the protocols, and the VENDOR shall correct all previously post processed data using the proper protocols. Also, the vendor will also have the opportunity to ask any questions pertaining to routing or other project logistics during this meeting.

- **On PAGE 18**, under same Miscellaneous Section, the *highlighted language has been* ***ADDED*** ***to ITEM 2:***

  2. The VENDOR shall submit a work schedule that includes how many miles of road will be surveyed PER DAY and a projected completion date. The VENDOR is required to survey the NHS routes prior to surveying the remaining roads in the project. Routes that have portions on the NHS shall also be among the first priority routes. A shape file defining the routes that are entirely on or contain segments on the NHS is available to bidders upon request.

APPROVED: David W. Fish 1-14-16

David W. Fish, P.E. **DATE**
Acting Chief Engineer