



State of Rhode Island  
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**ADDENDUM #2**

**RFP # 7548586**

**TITLE: AUTOMATED PAVEMENT CONDITION DATA COLLECTION, STATEWIDE  
DIGITAL VIDEO LOG, AND MODEL INVENTORY OF ROADWAY ELEMENTS (MIRE)**

**SUBMISSION DEADLINE: 4/23/14 – 11:30 A.M.**

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Prospective bidders and all concerned are hereby advised of the attached changes/modifications for the above referenced RFQ and are hereby requested to change their copies accordingly.

- **SEE ATTACHED ADDENDUM NO. 2 DATED APRIL 14, 2014**

A handwritten signature in cursive script that reads "Lisa Hill".

Lisa Hill  
Chief Buyer

# STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

## RIDOT Addendum Notification

7548586 – Automated Pavement Condition Data Collection, Statewide Digital Video Log, and Model Inventory of Roadway Elements (MIRE) Data Collection

Per the issuance of Department of Transportation **ADDENDUM # 7548586A2** the following changes are noted:

- **REVISIONS** - The following revisions numbered 1 through 31 are hereby incorporated into the original RFP; revisions made are highlighted in yellow for easier reference and review:
1. On **PAGE 1** under **Automated Pavement Condition Data Collection and Statewide Digital Video Log**, language cited under Paragraph 1 is hereby **REVISED** to state the following:

*Tasks shall include specialization in **pavement condition and roadway/intersection inventory data collection** with video logging and geospatial location coding capabilities to collect, process, verify, geolocate, and deliver a complete data set for Rhode Island's pavement condition and public roadways/intersection inventory databases. The pavement data collection shall include roughness, rutting, cracking and other distresses as well as other related work using automated data collection vehicles. The required deliverables will also include **right of way imaging** only on roadways where pavement condition data will be collected. The pavement management network is clearly defined by the RIDOT through the use of maps and written descriptions and includes all State owned/maintained roadways and all locally maintained roadways that are eligible for Federal funds. **The total estimated lane mileage for pavement condition data collection is approximately 4,350 lane miles and 445 Ramps. Right of way imaging will be required for 3,600 lane miles and 445 Ramps.** Pavement condition data collection will be required for all lanes of all roads of the National Highway System (NHS). Pavement data collection will also include federal-aid NON-NHS (State and local) roads and State Non Federal Aid roads which shall be surveyed from the right most travel lane in both directions. Right of way image data collection will only be required for only the right most lane in both directions for all NHS, Federal Aid Roads NON- NHS (State and Local) and State Non Federal Aid roads. Priority of pavement condition data should be given first to Interstates, Ramps, NHS roads, and all other State roads.*

2. On **PAGE 1** under **Model Inventory of Roadway Elements (MIRE) Data Collection**, language cited under Paragraph 1 is hereby **REVISED** to state the following:

*In addition to the above required tasks, the selected **VENDOR** will also be responsible for video logging and data inventory of the designated Federal Highway Administration (FHWA) **Model Inventory of Roadway Elements (MIRE)**. MIRE is defined as a listing of roadway and traffic elements critical to safety management intended to help transportation agencies, including RIDOT, improve their current roadway and traffic data inventories. The use and application of this MIRE inventory will not only benefit public safety throughout the State but will also assist RIDOT in the financial management and maintenance of the State's roadway infrastructure. The current MIRE inventory is listed in the attached Appendix A of the project Scope of Work. This is not the complete list of MIRE data elements (speed and traffic data elements are available to RIDOT through other sources that will not require collection or translation by the selected **VENDOR**). **The current MIRE inventory shall catalog approximately 6,500 roadway miles, 16,200 intersections, and 445 ramps, which encompasses the statewide inventory and spatial data for all public roadways.** It should be noted that this is inclusive of roadways and intersections located in the Town of New Shoreham (Block Island). More information on MIRE, including guidance on the collection of these data elements, is available at (<http://safety.fhwa.dot.gov/rsdp/>).*

3. On **PAGE 2** under **Model Inventory of Roadway Elements (MIRE) Data Collection** language cited under Paragraph 2 is hereby REVISED to state:

RIDOT anticipates the award of **ONE (1) CONTRACT** that will have two separate completion dates for the separate tasks defined, with an overall contract completion date of **SEPTEMBER 30<sup>th</sup> 2015**. RIDOT requires that the **VENDOR** collect process, edit, validate, and deliver the complete **Automated Pavement Data Collection and Statewide Digital Video Log** to be determined between RIDOT and the selected **VENDOR** prior to contract award. For the **MIRE Data Collection**, all data shall be collected by **DECEMBER 15<sup>th</sup> 2014** and all data shall be analyzed, summarized, processed and delivered to RIDOT in its final format by **SEPTEMBER 30<sup>th</sup> 2015**. Should RIDOT find further need for the **VENDOR'S** services, such services may be extended annually for an additional **TWO (2) YEARS**, through Supplemental Agreement.

4. On **PAGE 11** under **COST PROPOSAL** elements cited under **ITEM 1. LUMP SUM COST**, are hereby REVISED to state:

1. <b>LUMP SUM COST</b> for scheduled data collection broken down as follows:	
• <b>LS PAVEMENT DATA COLLECTION -</b>	4,350 Lane Miles (EST.) 445 Ramps (EST.)
• <b>LS RIGHT OF WAY IMAGERY COLLECTION -</b>	<b>3,600 Lane Miles (EST.)</b> 445 Ramps (EST.)
• <b>LS MIRE DATA COLLECTION: LS MIRE CENTERLINE MILES - LS MIRE INTERSECTIONS- LS MIRE RAMPS -</b>	6,500 Centerline Miles (EST.) 16,200 Intersections (EST.) 445 Ramps (EST.)

5. On **PAGE 16** part of **SCOPE OF WORK** under **Section 1 - Project Description**, language cited under Paragraph 1 on this page is hereby REVISED to state:

The pavement data collection shall include, but is not limited to roughness, rutting, cracking and other distresses as well as other related work using automated data collection vehicles. The required deliverables will also include right of way images. The pavement management network is clearly defined by the RIDOT through the use of maps and written descriptions and includes all State owned/maintained roadways and all locally maintained roadways that are eligible for Federal funds. **The total estimated lane mileage for pavement condition data collection is approximately 4,350 lane miles and 445 Ramps. Right of way imaging will be required for 3,600 lane miles and 445 Ramps.** Pavement condition data collection will be required for all lanes of all roads of the National Highway System (NHS). Pavement data collection will also include federal-aid NON-NHS (State and local) roads and State Non Federal Aid roads which shall be surveyed from the right most travel lane in both directions. Right of way image data collection will only be required for the right most lane in both directions for all NHS, Federal Aid Roads NON- NHS (State and Local) and State Non Federal Aid roads. Priority of pavement condition data should be given first to Interstates, Ramps, NHS roads, and all other State roads.

6. On **PAGE 16** part of **SCOPE OF WORK** under **Section 1 - Project Description**, language cited under Paragraph 2 on this page is hereby REVISED to state:

The roadway/intersection inventory data collection shall consist of, the Federal Highway Administration (FHWA) Model Inventory of Roadway Elements (MIRE) data elements listed in Appendix A. This is not the complete list of MIRE data elements (speed and traffic data elements are available to RIDOT through other sources). More information on MIRE is available at (<http://safety.fhwa.dot.gov/rsdp/>). This includes approximately **6,500 roadway miles, 16,200 intersections, and 445 ramps**. It should be noted that this is inclusive of roadways and intersections located in the Town of New Shoreham (Block Island). In accordance with the August 7, 2012 joint memorandum of the FHWA Office of Highway Policy Information and Office of Planning (<http://www.fhwa.dot.gov/policyinformation/hpms/arnold.pdf>), the effort must include a statewide inventory and spatial data for all public roadways and use dual carriageway representation. For the purposes of this RFP, "public road" means any road under the jurisdiction of and maintained by a public authority and open to public travel. [23 CFR 460.2(a)].

7. On **PAGE 16** part of **SCOPE OF WORK** under Section 1 - **Project Description**", insert the following **NEW PARAGRAPH** under **Paragraph 3** on this page:

*MIRE data elements listed in Appendix A denoted "EXISTING" (Partial) are NOT required to be collected as part of this RFP as a partial list currently exist as part of RIDOT'S GIS. RIDOT is currently in the process of developing a complete list of these MIRE data elements. The VENDOR is required to translate these data elements using the attributes listed and into a format(s) needed to be completely compatible with the current RIDOT systems.*

8. On **PAGE 19** part of **SCOPE OF WORK** under **Automated Pavement Condition Data Collection Measurement Requirements**, language cited under **ITEM 7**. is hereby revised to state:

*All pavement condition data with the exception of the NHS roads shall be collected from the outside travel lane in both directions. Pavement condition data shall be collected in all lanes of the NHS including acceleration and deceleration lanes of ramps and the ramps themselves. Pavement condition data shall be collected in the outside lane of the northbound or eastbound direction only of the Federal aid non NHS local roads. All right of way imagery shall be collected in the right most travel lane in both directions for all NHS, Federal Aid Roads NON- NHS (State and Local) and State Non Federal Aid roads. For the purpose of MIRE, the VENDOR may propose to collect other video not related to the requirements of the pavement condition/right of way digital video log portion of this project from a different lane.*

9. On **PAGE 29** statement cited under **Appendix A – MIRE Data Elements to be Collected and/or Translated**, **INSERT ADDITIONAL PARAGRAPH** under existing Paragraph to state:

*"EXISTING" (Partial) = MIRE data elements that are NOT required to be collected as part of this RFP as a partial list currently exist as part of RIDOT'S GIS. RIDOT is currently in the process of developing a complete list of these MIRE data elements. The VENDOR is required to translate these data elements using the attributes listed and into a format(s) needed to be completely compatible with the current RIDOT systems.*

10. On **PAGE 31** statement cited under **Appendix A – MIRE Data Elements to be Collected and/or Translated**" Item 10. **Begin Point Segment Descriptor – REVISE** to state:

*10. Begin Point Segment Descriptor (HPMS FE) – EXISTING-(Partial)*

11. On **PAGE 31** under **Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY** Item 11. **End Point Segment Descriptor – REVISE** to state:

*11. End point Segment Descriptors (HPMS FE) - EXISTING-(Partial)*

12. On **PAGE 31** under **Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY**, Item 12. **Segment Identifier – REVISE** to state:

*12. Segment Identifier (HPMS FE) - EXISTING-(Partial)*

13. On **PAGE 31** under **Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY**, Item 13. **Segment Length – REVISE** to state:

*13. Segment Length (HPMS FE) - EXISTING-(Partial)*

14. On **PAGE 31** under **Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY**, Item 16. **Coinciding Route Indicator – REVISE** to state:

*16. Coinciding Route Indicator - EXISTING-(Partial)*

15. On **PAGE 32**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY, Item 17. Coinciding Route – Minor Route Information – REVISE to state:
17. Coinciding Route – Minor Route Information - EXISTING-(Partial)
16. On **PAGE 32**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY, Item 18. Direction of Inventory – REVISE to state:
18. Direction of Inventory-EXISTING-(Partial)
17. On **PAGE 32**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY, Item 21. Federal Aid/Route Type – REVISE to state:
21. Federal Aid/Route Type (HPMS FE) - EXISTING-(Partial)
18. On **PAGE 33**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY, Item 22. Access Control – REVISE to state:
22. Access Control (HPMS FE) - EXISTING-(Partial)
19. On **PAGE 33**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY, Item 27. Pavement Roughness/Condition – REVISE to state:
27. Pavement Roughness/Condition (HPMS FE) (Element to be collected as part of the Automated Pavement Condition Data Collection effort and will only be required to be translated using the attributes listed and into a format(s) needed to be completely compatible with the current RIDOT systems.
20. On **PAGE 33**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY, Item 28. Pavement Roughness Date – REVISE to state:
28. Pavement Roughness Date (HPMS FE) (Element to be collected as part of the Automated Pavement Condition Data Collection effort and will only be required to be translated using the attributes listed and into a format(s) needed to be completely compatible with the current RIDOT systems.
21. On **PAGE 33**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY - DELETE Item 29. Pavement Condition (Present Serviceability Rating)
22. On **PAGE 34**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY - DELETE Item 30. Pavement Condition (PSR Date)
23. On **PAGE 35**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY, Item 39. Reversible Lanes – REVISE to state:
39. Reversible Lanes – EXISTING
24. On **PAGE 35**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY, Item 42. Number of Peak Period Through Lanes – REVISE to state:
42. Number of Peak Period through Lanes – EXISTING
25. On **PAGE 41**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY - DELETE Item 95. 85<sup>th</sup> Percentile Speed

26. On **PAGE 41**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY - *DELETE Item 96. Mean Speed*

27. On **PAGE 41**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY, Item 101. Toll Facility – REVISE to state:

101. Toll Facility (HPMS FE) – **EXISTING**

28. On **PAGE 42**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY, Item 106. Bridge Numbers for Bridges in Segment – REVISE to state:

106. Bridge Numbers for Bridges in Segment – **EXISTING**

29. On **PAGE 44**, under Appendix A – MIRE Data Elements to be Collected and/or Translated, DATA DICTIONARY, Item 128. Railroad Crossing Number – REVISE to state

128. Railroad Crossing Number - **EXISTING**

30. On **PAGE 53**, under Appendix B – MIRE Data Elements Not to be Collected – REVISE to state:

**MIRE DATA ELEMENTS NOT TO BE COLLECTED OR TRANSLATED**

31. On **PAGE 53**, under Appendix B – MIRE Data Elements Not to be Collected – REVISE to include:

25. Surface Friction

26. Surface Friction Date

29. Pavement Condition (Present Serviceability Rating)

30. Pavement Condition (PSR) Date

79. Annual Average Daily Traffic (AADT)

80. AADT Year

81. AADT Annual Escalation Percentage

82. Percent Single Unit Trucks or Single Truck AADT

83. Percent Combination Trucks or Combination Truck AADT

84. Percentage Trucks or Truck AADT

85. Total Daily Two-Way Pedestrian Count/Exposure

86. Bicycle Count/Exposure

87. Motorcycle Count or Percentage

88. Hourly Traffic Volumes (or Peak and Offpeak AADT)

89. K-Factor

90. Directional Factor

95. 85th Percentile Speed

96. Mean Speed

140. Approach AADT

141. Approach AADT Year

160. Crossing Pedestrian Count/Exposure

163. Left Turn Counts/Percent

164. Year of Left Turn Counts/Percent

165. Right Turn Counts/Percent

166. Year of Right Turn Counts/Percent

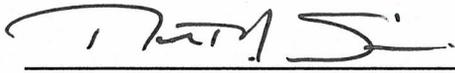
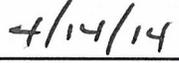
184. Interchange Entering Volume

191. Ramp AADT

192. Year of Ramp AADT

- **ATTACHMENT-**

Attached for review and use in preparing Proposal Submission are technical/administrative Vendor questions and RIDOT responses (received as of 4/14/14) posted on RIDOT'S Website [www.dot.ri.gov](http://www.dot.ri.gov) relative to 7548586 – Automated Pavement Condition Data Collection, Statewide Digital Video Log, and Model Inventory of Roadway Elements (MIRE) Data Collection

APPROVED:    
Kazem Farhoumand, P.E.  DATE  
Chief Engineer

# Questions and Answers For: 7548586

	Date Asked: 4/10/2014	Date Answered: 4/11/2014	
<b>Poster:</b> <a href="#">Bonnie Collins</a>		<b>Company:</b> Fugro Roadware Inc.	
<b>Question:</b> It indicates that clarification and regarding the MIRE asset elements will provided via an addendum. Can you please advise when this addendum will be available for download from the RIDOT website?			
<b>Answer:</b> ADDENDUM #2 is currently being finalized and RIVIP posting is anticipated early next week.			
	Date Asked: 4/10/2014	Date Answered: 4/11/2014	
<b>Poster:</b> <a href="#">Bonnie Collins</a>		<b>Company:</b> Fugro Roadware Inc.	
<b>Question:</b> Is it possible to receive a WORD version of the RFP, or at least the Data Dictionary?			
<b>Answer:</b> NO.			
	Date Asked: 4/8/2014	Date Answered: 4/11/2014	
<b>Poster:</b> <a href="#">Alicia Bonk</a>		<b>Company:</b> Data Transfer Solutions	
<b>Question:</b> Section F of the SF 330 form states we are to list up to 10 projects if not specified. However, on page 7, Relevant Experience states we are to list three (3) other State examples. Do we list these 3 examples on the SF 330 or do we need to list up to 10?			
<b>Answer:</b> SF 330 question is specific to project collaborations by proposed TEAM (10 MAX). "Relevant experience" requested is specific to 3 projects performed by the PRIME. These 3 projects could include any of the SF 330 projects cited but you do not need to provide 3 projects in addition to the SF 330 listing.			
	Date Asked: 4/4/2014	Date Answered: 4/7/2014	
<b>Poster:</b> <a href="#">Bonnie Collins</a>		<b>Company:</b> Fugro Roadware Inc.	
<b>Question:</b> If the 4,350 and 6,500 are separate miles, what is the reason for not collecting on the non-overlapping miles?			
<b>Answer:</b>			

There are about 4,500 centerline miles of non-overlapping routes (2,000 CENTERLINE miles for MIRE and pavement, and 4,500 centerline miles for MIRE only). The roads to be collected for MIRE only are not state roads or Federal-aid eligible roads.

 Date Asked: 4/4/2014 Date Answered: 4/7/2014 

**Poster:** Bonnie Collins **Company:** Fugro Roadware Inc.

**Question:**  
Is there any overlap between the 4,350 lane miles and the 6,500 roadway miles?

**Answer:**  
The 4,350 lane miles overlaps the 6,500 roadway miles for MIRE completely. Actually, MIRE is required for centerline miles only, so the 4,350 lane miles converts to about 2,000 centerline miles. The other approximately 4,500 centerline miles are for MIRE only.

 Date Asked: 4/2/2014 Date Answered: 4/7/2014 

**Poster:** Bonnie Collins **Company:** Fugro Roadware Inc.

**Question:**  
On page 2 of 4 of the RIVIP Certification Form, item #3.1 is states "Where bid surety is required, bidder must furnish a bid bond or certified check for 5% of the bid total with the bid, or for such other amount as may be specified." Is a bid surety required for this RFP?

**Answer:**  
NO. A Bid Bond is not required for this project.

 Date Asked: 4/2/2014 Date Answered: 4/2/2014 

**Poster:** Bonnie Collins **Company:** Fugro Roadware Inc.

**Question:**  
Can RIDOT provide the functional class breakdown of the 6,500 roadway miles.

**Answer:**  
Please view the following link for an approximate breakdown of the 6,500 centerline miles by functional class. <https://www.fhwa.dot.gov/policyinformation/statistics/2012/hm20.cfm>

 Date Asked: 4/1/2014 Date Answered: 4/2/2014 

**Poster:** Mitch Caya **Company:** Mandli Communications, Inc.

**Question:**  
Page 15 requires the vendor to provide audited financial statements to RIDOT. Does this requirement apply to the current year and future years covered by the contract? If this applies to previous years, how many years of audited financial statements will be required?

**Answer:**

This requirement will only apply to the SELECTED Vendor. If selected for this project we will provide you with additional information at that time. This reference is included in RFP for informational purpose only.

	Date Asked: 4/1/2014	Date Answered: 4/2/2014	
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<b>Poster:</b> <u>Mitch Caya</u>	<b>Company:</b> Mandli Communications, Inc.
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**Question:**

Section A, Paragraph 1 on Page 6 requires proof that the company has been in business for a minimum of five years. Should we attach documentation proving the business start date? Or, will a statement be sufficient?

**Answer:**

A statement will suffice documenting your firm's inception and current status.

	Date Asked: 3/31/2014	Date Answered: 4/2/2014	
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<b>Poster:</b> <u>Mitch Caya</u>	<b>Company:</b> Mandli Communications, Inc.
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**Question:**

Of the 202 MIRE asset elements listed in RFP, it appears that RIDOT's expects that the winning vendor will collect and deliver 155 MIIRE asset elements. It appears that there are 22 elements already existing in RIDOT's GIS database, 23 elements are not to be collected and there are 2 elements that are not listed. Can RIDOT confirm this accurate?

**Answer:**

This issue will be clarified in more detail through addendum. 146 elements are anticipated to require full collection. 30 elements are anticipated to be provided by RIDOT for formatting/translation by the Vendor. 26 elements are not included in this contract.

	Date Asked: 3/31/2014	Date Answered: 4/1/2014	
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<b>Poster:</b> <u>Mitch Caya</u>	<b>Company:</b> Mandli Communications, Inc.
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**Question:**

When does RIDOT anticipate that the contract will be awarded?

**Answer:**

RIDOT anticipates award of this contract in the summer of 2014.

	Date Asked: 3/31/2014	Date Answered: 4/2/2014	
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<b>Poster:</b> <u>Mitch Caya</u>	<b>Company:</b> Mandli Communications, Inc.
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**Question:**

To clarify the needed collection mileage, RIDOT is asking the winning vendor to collect MIRE data elements on 13,000 lane miles (6,500 centerline miles collected in both directions), 16,200 intersections and 445 ramps, collect pavement condition data on 4,350 lane miles and 445 ramps and

collect right-of-way imaging on 2,300 lane miles and 445 ramps. Can RIDOT confirm that the MIRE data is to be collected in both directions of the 6,500 centerline miles totaling 13,000 lane miles?

**Answer:**

The 6,500 centerline mile reference encompasses not only segments that can be inventoried in one direction, but also segments that require inventory to be taken in two directions.(dual carriageway representation) All roadways with positive median barrier will be required to be inventoried in both directions. All other roadways may be inventoried in one direction.



Date Asked: 3/31/2014

Date Answered: 4/1/2014

**Poster:** Mitch Caya**Company:** Mandli Communications, Inc.**Question:**

Can RIDOT share what the budget is for this project?

**Answer:**

RIDOT cannot share the estimated budget for this project.



Date Asked: 3/31/2014

Date Answered: 3/31/2014

**Poster:** Mitch Caya**Company:** Mandli Communications, Inc.**Question:**

Page 5 of the RFP states that “Respondents shall include as part of Technical Proposal submission a copy of RIDOT’S original Scope of Work and any supplemental Addenda, as applicable.” Which pages of the RFP are considered the Scope of Work? Does this count towards the 35 page limit? Does this need to only be included with the “original” technical proposal?

**Answer:**

The Scope of Work is considered the complete document as presented on RIVIP. This shall be included as an "exhibit" to the Proposal and therefore not part of the 35 Pages. With the exception of the W-9 FORM, all information requested in the RFP shall be included in ALL proposal submissions- original and copies.



Date Asked: 3/27/2014

Date Answered: 3/31/2014

**Poster:** Mitch Caya**Company:** Mandli Communications, Inc.**Question:**

The Technical Proposal requirements call for the submittal of an “Original’ plus SIX (6) COPIES&#8208; both Hard Copy & CD&#8208;ROM.” Please confirm that this means seven (7) total copies of the printed proposal, and seven (7) total copies of the proposal on CD-ROM.

**Answer:**

YES. SEVEN (7) Copies total - each with CD ROM attached to inside cover.



Date Asked: 3/27/2014

Date Answered: 4/2/2014



<b>Poster:</b> <u>Mitch Caya</u>		<b>Company:</b> Mandli Communications, Inc.	
<b>Question:</b> Page 26 of the RFP, item 11 under Miscellaneous, it states "The VENDOR is required to submit data files on a weekly basis for verification and quality control to the RIDOT." Is there a detailed explanation available of exactly what data files need to be submitted?			
<b>Answer:</b> During the last pavement distress data collection contract, the vendor submitted weekly progress reports during the field data collection detailing the number of miles collected over the past week in addition to the cumulative miles collected as well as the miles left to be collected. This contract will require similar progress reports. For pavement distress data collection, however, on page 19, under Section 2 - Contract Requirements, Automated Pavement Condition Data Collection Quality Assurance, Item 5, it states that the vendor will be required to provide the data for the first 10 % of the work done ahead of the submission of the general deliverables. The purpose of this is to catch data accuracy problems that are not accomplished through the use of validation sites. Since there is a lot of pavement data to collect for this contract, we are trying to avoid spending a lot of time going through the data to find errors. The same policy will also apply to the portion of this contract pertaining to MIRE.			
	Date Asked: 3/27/2014	Date Answered: 4/2/2014	
<b>Poster:</b> <u>Mitch Caya</u>		<b>Company:</b> Mandli Communications, Inc.	
<b>Question:</b> Is there any existing data on the number of MIRE assets that are present in the state? Is there any information on the average asset count per mile?			
<b>Answer:</b> For the 146 elements requiring full collection, there is no existing data available. The elements requiring full collection will be clarified through addendum.			
	Date Asked: 3/27/2014	Date Answered: 4/7/2014	
<b>Poster:</b> <u>Mitch Caya</u>		<b>Company:</b> Mandli Communications, Inc.	
<b>Question:</b> Is there a collection map of the routes, including those required for pavement condition, video log, and MIRE, that need to be collected? Are there shape files available for the routes with identified segmentation?			
<b>Answer:</b> A road centerline layer and RIDOT's linear referencing system routes will be provided for download shortly. The LRS is in the process of being expanded to include an LRS for all public roads, as it only includes State roadways at this time. The private roads are being coded in the road centerline. Below is a summary of each GIS layer, the approximate mileage, and the data collection requirements for each that identify the different networks and the data that needs to be collected: GIS Data Layers NHS Roads Layer Name: RI_NHS_Roads Mileage: 1846 lane miles, 774 Centerline Miles Data Collection Required - Pavement all lanes both directions - ROW both directions outermost lane for divided highways - MIRE Federal Aid Roads non NHS (State and Local) Layer Name: RI_FedAid_Roads			

Mileage: 2414 Lane Miles, 1195 Centerline Miles Data Collection Required - Pavement both directions outside travel lane - ROW both directions - MIRE State Non Federal Aid Roads Layer Name: RI\_State\_NonFedAid\_Roads Mileage: 162 Lane Miles, 84 Centerline Data Collection Required - Pavement both directions - ROW both directions - MIRE Ramps Layer Name : RI\_Ramps Data Collection Required - Pavement all lanes - ROW Images - MIRE Local Non Federal Aid Roads Layer Name :RI\_Local\_NonFedAid\_Roads Mileage: 4490 Centerline Miles Data Collection Required - MIRE Additional GIS Layers RI\_ALL\_Roads - All public and private roads. We are in the process of identifying all private roads. The final layer will be made available prior to start of contract. RI\_LRS - Current RIDOT LRS. This layer is in the process of being expanded to include all public roads. The final layer will be made available prior to start of contract.



Date Asked: 3/27/2014

Date Answered: 4/1/2014

**Poster:** Mitch Caya**Company:** Mandli Communications, Inc.**Question:**

Starting on page 33 of the RFP, within the Data Dictionary, MIRE elements 27 through 30 are labeled as Pavement Roughness/Condition, Pavement Roughness Date, Pavement Condition (Present Serviceability Rating), and Pavement Condition (PSR) Date respectively. In order to collect these elements on the 6,500 centerline miles required for MIRE, the same pavement data collection equipment utilized for the 4,350 lane miles of pavement condition collection would have to be utilized. Does this mean that pavement data, such as condition and roughness, will need to be collected on both the Pavement Condition miles and the MIRE miles?

**Answer:**

The pavement data - MIRE elements #27-#30, will be required for the 4,350 lane miles and 445 ramps of pavement condition data (NHS, federal-aid Non-NHS local and state roads), and not the 6,500 roadway miles for MIRE data element collection. This issue will be clarified through addendum.



Date Asked: 3/27/2014

Date Answered: 4/1/2014

**Poster:** Mitch Caya**Company:** Mandli Communications, Inc.**Question:**

Page 16 of the RFP states that "The required deliverables will also include support for multiple methods of segmentation including fixed length (e.g., every 1/10 mile) and dynamic segmentation (e.g., based on roadway attribute changes, features, or other methods)." However, on page 31, within the Data Dictionary, items 10 and 11 states that there is existing data for "Begin Point Segment Descriptor" and "End Point Segment Descriptor". Which method of segmentation will the delivered data need to support?

**Answer:**

RIDOT wishes to have sufficient data to support multiple methods of segmentation in the future, and bidders are encouraged to describe how the data they will supply could be used to serve as the basis for these multiple segmentation strategies. The description on Page 31 is the MIRE data element dictionary definition. RIDOT requires that all data collected support the MIRE-compatible method of segment definition. RIDOT further requires that the data can support dynamic segmentation. This requirement may be satisfied by collected (with the desired precision) the location of each change in key roadway features/descriptors. Bidders are encouraged to describe how their location

specification/collection method will support dynamic segmentation and, in particular, should provide a proposed list of features and attributes that will (a) be located with sufficient precision to serve as a start/end point for segment definition in a dynamic segmentation methodology, and (b) explain how the database of roadway features could be used to support this method of dynamic segmentation based on the data elements to be provided and how the data will support fixed segment length definitions as described in the MIRE data element dictionary. The bidder should also describe their method for supplying data with segment definitions that are compatible with the existing RIDOT databases, including any adjustments that may be required to match starting and ending points defining segments. The vendor is responsible to ensuring that all spatial locations in the data provided to RIDOT align correctly with segments as already defined in RIDOT's existing databases within the specified accuracy limits.



Date Asked: 3/27/2014

Date Answered: 3/31/2014

**Poster:** Mitch Caya**Company:** Mandli Communications, Inc.**Question:**

The RFP states that the Technical proposal shall be "limited in length to a total of 35 PAGES." Does the Standard Federal Form 330 count towards this page limit? How many copies of the Standard Federal Form 330 need to be included in the response?

**Answer:**

The SF 330 shall be considered an "exhibit" to the Proposal to be completed by the PRIME and included in each proposal submission.



Date Asked: 3/27/2014

Date Answered: 4/9/2014

**Poster:** Mitch Caya**Company:** Mandli Communications, Inc.**Question:**

On page 25 of the RFP it states that RIDOT will provide "Database descriptions and file transfer format specifications for existing databases, including the GIS, LRS, and pavement management system." Is it possible to get this information at this time?

**Answer:**

The ArcGIS geodatabase of the GIS layers (NHS Roads, Federal Aid Roads Non NHS (State and Local), State Non Federal Aid Roads, Ramps, and Local Non Federal Aid Roads can be accessed for download at the following link: <https://www.dropbox.com/sh/if0p8un9ahx7bb9/gTvYyuByRs> Additional GIS Layers, including a layer for all public and private roads and the current RIDOT LRS, will be made available prior to the start of contract. Additional information may be provided once contract is awarded.



Date Asked: 3/27/2014

Date Answered: 3/31/2014

**Poster:** Mitch Caya**Company:** Mandli Communications, Inc.**Question:**

The RFP states "Respondents shall include as part of Technical Proposal submission a copy of RIDOT'S original Scope of Work and any supplemental Addenda, as applicable." Does this have to

be attached to the Technical Proposal, or can it be bound separately? How many copies are required?

**Answer:**

Complete Scope of Work to be included in each proposal submission.



Date Asked: 3/27/2014

Date Answered: 3/31/2014



**Poster:** Mitch Caya

**Company:** Mandli Communications, Inc.

**Question:**

The RFP states that the Technical proposal shall be "limited in length to a total of 35 PAGES." Does the Table of Contents count towards this page limit?

**Answer:**

NO. Table of Contents is exempt from 35 PAGES. Respondents are advised to base your technical narrative on the selection criteria outlined in the RFP. You will be evaluated and scored based on these specifics.

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