



**REQUEST FOR INFORMATION # 40100-50925
AMENDMENT # 1
FOR SOFTWARE DEVELOPMENT OF THE HIGHWAY
SAFETY AND IMPROVEMENT PROGRAM
PRE-PROJECT RESEARCH AND EVALUATION
PROGRAM (“HSIP-PREP”)**

DATE: AUGUST 26, 2022

RFI # 40100-50925 IS AMENDED AS FOLLOWS:

- This RFI Schedule of Events updates and confirms scheduled RFI dates. Any event, time, or date containing revised or new text is highlighted.**

EVENT		TIME (Central Time Zone)	DATE (all dates are State business days)
1.	RFI Issued		August 5, 2022
2.	Written Questions/Comments Deadline		August 19, 2022
3.	State Response to Written Questions/Comments		August 26, 2022
4.	RFI Response Deadline	2:00 PM	September 6, 2022

- State responses to questions and comments in the table below amend and clarify this RFI.**

Any restatement of RFI text in the Question/Comment column shall NOT be construed as a change in the actual wording of the RFI document.

QUESTION / COMMENT	STATE RESPONSE
1 Is TDOT looking for a COTS or Custom solution?	If available, TDOT will consider a suitable COTS solution which solves the problems the HSIP-PREP tool will address. If a suitable COTS solution is available, we welcome you providing information in your response.
2 Will the system be responsible for creating reports required by FHWA for HSIP reporting (Project Listing, Pre-Post Project Analysis, etc.)?	Please refer to the Specifications in Section I of the RFI.
3 Is the TRIMS Route ID/Log Mile set up as an LRM in your R&H instance and does R&H provide the ability to convert between the TRIMS Route ID/Log Mile and the ESRI Route ID/Measure?	Roads and Highways has a modified version of the TRIMS LRS Key/Route ID, and an application exists to convert between the two LRS Key/Route IDs and the measures in both systems.

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<p>4 It is understood that a transition is occurring between the TRIMS Route ID and Log Mile to the Esri Route ID and Measures. Are both ID's and corresponding measures currently maintained, or is TRIMS Route ID and Log Mile static and in the process of being phased out?</p>	<p>N/A – The exclusive purpose of this RFI is to gather information regarding development of the HSIP-PREP tool at this time.</p>
<p>5 In 2) Background (p. 1), the RFI reads that HSIP-PREP will be "an integrated State-hosted software solution". Is it intended that the solution will be contained within a data center within the State of Tennessee's domain, or within a cloud hosted environment? This has potential impacts for how the solution will be designed and deployed.</p>	<p>Please explain the impact hosting in a data center versus in a cloud server has on design and deployment in your proposal. Please include cost information to assist TDOT in determining the best option.</p>
<p>6 In B) Requirements (p. 2), the RFI provides the high level requirements for HSIP-PREP investigations by utilizing some existing datasets. Are the PPRM and HSIP projects location referenced along the LRS by a route ID and milepoint, by coordinates, or some other method?</p>	<p>They are referenced in the LRS by Route ID and Logmile.</p>
<p>7 Is there an existing system and/or database that contains legacy information on HSIP-PREP content that needs to be migrated as part of this effort and retroactively compiled into investigations?</p>	<p>No data migration is required.</p>
<p>8 Does the State have a preferred approach to storing files (e.g., PDF, JPG, etc.) such as an existing enterprise document management system?</p>	<p>TDOT currently leverages SharePoint online, but HSIP-PREP is not required to integrate with the SharePoint system. TDOT welcomes new ideas regarding storing HSIP-PREP files and reports in your proposal.</p>
<p>9 The use of existing system API's and the enhancement or creation of API's to interact with the needed data is welcomed and highly encouraged. Does the State have existing documented standards or technical preferences that can be referenced?</p>	<p>No. Please refer to the specifications in the RFI.</p>
<p>10 The visualization of HSIP-PREP data during when creating, updating, or querying can be accomplished with various web mapping apps and dashboards that can leverage the state's existing investment in technology. The use of dashboards to relate investigation status, data quality exceptions, and output options may help meet some of the objectives of this project.</p> <p>11</p>	<p>While we do not see a question here, we welcome your ideas regarding how dashboards can meet the objectives of this project in your RFI response.</p>
<p>12 Concerning RFI # 40100-50925, can you please confirm it can be submitted via email?</p>	<p>Yes, email submissions are acceptable. Please refer to Section 2 of the RFI.</p>
<p>13 Has a budget been allocated for this project as of yet</p>	<p>No budget has been set as TDOT is gathering information at this time. Responses in the Cost Information Form section of the RFI will assist TDOT in preparing a budget in the event a</p>

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	procurement results from this RFI, and we welcome your response to this Section of the RFI.
14 I see the department will receive funding from FHWA once this solution is implemented to reduce public roadway fatalities; what Programs/technology will the department likely implement to achieve this goal?	N/A – The exclusive purpose of this RFI is to gather information regarding development of the HSIP-PREP tool at this time.
15 What existing solutions will the new HSIP-PREP technology be required to integrate with?	This is discussed in the Specifications of the RFI. Please refer to the Specifications in the RFI.
16 We would like to understand the current process for a regular user. What is the most significant pain point?	N/A - The exclusive purpose of this RFI is to gather information regarding development of the tool described in the Specifications. Please refer to the Specifications in the RFI.
17 Could you elaborate on what current processes are done manually?	N/A - The exclusive purpose of this RFI is to gather information regarding development of the tool described in the Specifications. Please refer to the Specifications in the RFI.
18 Do you need to have this software available on a tablet for fieldwork?	No. Mobile interfaces are not required.
19 Can HSIP-PREP have an independent database, or does it need to be inside another database?	There is no requirement for HSIP-PREP to be inside another database. Please refer to the Specifications in the RFI.
20 Could you provide an example of what kind of updates will be done to PDF reports, and once the PDF is uploaded back to HSIP-Prep, will this override the internal data, or is the intention to only store the updated PDF inside HSIP-PREP?	<ol style="list-style-type: none"> 1. PDF reports will be updated outside of the HSIP-PREP tool. There is no requirement for the tool itself to provide this function. 2. PDFs uploaded to HSIP-PREP will not override internal system data. 3. TDOT will need the option to either update or overwrite <u>attachments</u> in HSIP-PREP. For example, if a PDF is updated (outside of HSIP-PREP) and uploaded back into the tool with the same file name, a user should be prompted with the option to either overwrite an attachment with the same name or to upload the new file with a different name.
21 Is the PIN Number a security concern or just a way to quickly search for a project?	In the context of the RFI, “PIN” means “Project Identification Number” which is simply a unique identifier for a project, and not a security concern.
22 We are an American company with US and international teams. Could any of our global resources participate in this process?	Please refer to Section #8 in the Technical Information Form of the RFI. <u>All development must be done in the United States with no exceptions.</u>
23 The RFI mentions other databases. Could you please provide the list of databases HSIP- PREP will need to communicate with and their purpose?	This is discussed in the Specifications of the RFI. Please refer to the Specifications in the RFI.

3. **RFI Amendment Effective Date.** The revisions set forth herein shall be effective upon release. All other terms and conditions of this RFI not expressly amended herein shall remain in full force and effect.