



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

**REQUEST FOR INFORMATION # 40100-50943  
AMENDMENT # 1  
FOR RIGHT-OF-WAY ACQUISITION &  
UTILITY/RAILROAD COORDINATION MANAGEMENT**

DATE: 10/21/22

RFI # 40100-50943 IS AMENDED AS FOLLOWS:

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

RFI SCHEDULE OF EVENTS: EVENT		TIME (Central Time Zone)	DATE (all dates are State business days)
1.	RFI Issued		9/26/22
2.	Comments and Questions Due	2:00 p.m.	10/7/22
3.	State Responds to Comments and Questions		10/21/22
4.	Responses Due		11/4/22
5.	Oral Presentations		11/9 – 11/10/22

2. 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 What Enterprise Resource Planning (ERP) system is the State currently using? Is the State planning to use a different ERP within the next two years? What financial data does the State want to exchange between the State's financial systems and the new Right-of-way Acquisition and Utility / Railroad Coordination Management solution?	EDISON Developed by People Soft for TN Government  Typical IRIS transactions: Property acquisition payments, Consultant Services payments, Utility Reimbursement payments, Railroad payments inclusive exchanging required information regarding invoice, vendor, contracts, workorders, warrants issued, etc.
2 What Resource Planning and Program Management system is the State currently using? Is the State planning to use a different project and portfolio management system	PPRM Developed by Xybernaut for TDOT  Considerations to evaluate the current application are

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(PPMS) within the next two years? What types of ROW data does the State want to exchange between the State's project management systems and the new Right-of-way Acquisition and Utility / Railroad Coordination Management solution?	underway and may result in modifications or development of an application to facilitate the functions currently used by the IRIS application.  Current IRIS integration: Project activities, project data, letting dates, contracting information, funding information, etc.
3 Are there other systems besides the ERP and PPMS that the State wants to integrate with the new solution?	Considerations to expand the integration would include but not exclusive to: Maintenance Management System Environmental Management System Outdoor Advertising Management System
4 Are all 304 users internal State users? Do the 304 users include external users? How many external users will need access to the new solution if not?	The current IRIS include staff and users who have been granted state system access via the RacfID.  The intent is to provide externally port capability for importing for example Appraisals, Property Service Estimates, Utility Relocation estimates, Utility Relocation plans, Railroad estimates, Railroad plans, Utility Permit applications, etc.
5 It appears that items 4 and 5 on the Technical Informational Form are the same question. Should the vendor answer both the same way? Did the State intend to ask different implementation experience questions?	These are identical questions, please only answer once.
6 It appears that items 7 and 9 on the Technical Informational Form are the same question. Should the vendor answer both the same way? Did the State intend to ask different Data Migration questions?	These are identical questions, please only answer once.
7 Will the State award a contract to a winning bidder based on the responses received for this RFI?	The RFI is to gather information for a potential future solicitation. A contract will not be awarded from the RFI.
8 If the State is required to issue an RFP before awarding business to a vendor, when might the State publish the RFP?	The RFI is to gather information. A determination will be made after the RFI is evaluated if the state will publish an RFP.
9 Is the State looking for potential vendors to provide a new Right-of-way Acquisition and Utility / Railroad Coordination Management solution because IRIS is being phased out? Is there a specific date when IRIS needs to be retired?	The State RFI is a reality check of application end of life evaluation, and potentials for replacement if considered. A production ROW /UTILITY management application is required for daily operations within the Department.
10 When would the State like the new Right-of-way Acquisition and Utility / Railroad Coordination Management solution to go into production?	A production ROW /UTILITY management application is required for daily operations within the Department. Response to the RFI will be used to evaluate further action of the Department.
11 Page 4, Section 5 TECHNICAL INFORMATIONAL FORM - Question 4,5) Questions 4 & 5 appear to be identical. Please clarify if we can just respond to only one of the questions.	These are identical questions, please only answer once.
12 Page 4,5 (TECHNICAL INFORMATIONAL FORM - Question 7,9) Question 7 and 9 appear to be identical. Please clarify if we	These are identical questions, please only answer once.

QUESTION / COMMENT	STATE RESPONSE
can just respond to only one of the questions.	
<p>13 Page 6 (TECHNICAL INFORMATIONAL FORM - Question 6) RFI states total number of users are 304. Is the expected number of users for system use going forward will be the same? Would all of these users need access to Mobile or GIS interface or both? Is current solution on-premise or cloud based? Are non TDOT users provide an Active Directory account within TDOT network?</p>	<p>The current IRIS include staff and users who have been granted state system access via the RacfID.</p> <p>The Department project development process is experiencing changes which will result in additional users using the application to manage project development.</p> <p>The intent is to provide externally port capability for importing include but not exclusive to Appraisals, Property Service Estimates, Utility Relocation estimates, Utility Relocation plans, Railroad estimates, Railroad plans, Utility Permit applications, etc.</p> <p>Mobile and GIS would be for users granted state system access contingent on the user's role in the application. GIS capabilities would be expected for majority of users. Mobile capabilities would depend on users role and function.</p> <p>Current IRIS is on premise.</p> <p>The State is currently making migration to cloud presence.</p> <p>Current State practices RacfID users are structured on AD.</p>
<p>14 Page 2: Background Please describe how current system or database is similar or different than scope of this RFI as this will clarify the scope of data migration from source legacy systems</p>	<p>The State RFI is a reality check of application end of life evaluation, and potentials for replacement.</p> <p>A potential replacement would be expected to be in production before IRIS can be retired, which would be a consideration of an RFP. That would include the migration of data from the legacy application to the replacement application for active projects and for archived projects in IRIS at the time of activating production application.</p>
<p>15 Page 2 (3. Communications) Please clarify the mode of RFI response submission, whether it is to be done through email is sufficient or a physical copy is needed as well.</p>	<p>You may submit via email to TDOT.RFP@tn.gov</p>
<p>16 Page 6 (TECHNICAL INFORMATIONAL FORM - Question 16) Can TDOT please their GIS vendor (like ESRI etc.) and version of GIS Software being utilized. Does TDOT has its enterprise GIS system that is expected to interface with IRIS or TDOT would use vendor provided GIS module?</p>	<p>Currently ESRI is the State standard for GIS Products. TDOT is currently using ArcGIS Pro at 2.9.2, ArcGIS Desktop 10.8.1 and internal ArcGIS Enterprise Portal architecture at version 10.8.1 for online services. Enterprise GIS database is at Oracle 19c Enterprise.</p> <p>The Current TDOT IRIS does not have GIS interface or functionality but is highly desired in future solution.</p>
<p>17 Page 4 (TECHNICAL INFORMATIONAL FORM - Question 6) 'Technical Information form' Question 6, mentions that Annual Maintenance cost should include – "TDOT ownership of application coding". Is intent of this RFI to procure a Commercial off the shelf (COTS) solution that vendor owns and manages?</p>	<p>TDOT application structure provides for annual contract for maintaining the functionality by the vendor for Department process modifications, modifications to the application core software, changes to associated applications, and Department evolutions.</p> <p>As part of the application end of life evaluation, the Department will evaluate the abilities to maintain the application without the</p>

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	<p>vendor.            Considerations for factors related to            Application sole source            COTS            License            Proprietary coding            State owned coding</p>
<p>18 Page 4 (TECHNICAL INFORMATIONAL FORM - Question 6) 'Technical Information form' Question 6, mentions that Annual Maintenance cost should include - Periodic upgrades to TDOT hardware? We assume TDOT is looking for a cloud hosted solution managed by vendor. Please clarify?</p>	<p>The State structure changes as operating systems evolve, hardware evolve, technology evolves. Considerations of how these evolutions are to be addressed in the RFI response will be evaluated.</p> <p>The State is currently making migration to cloud presence.            A hosted solution is preferred.</p>
<p>19 Could you please share details of the following interfacing systems (vendor name, type integration – real time/batch, unidirectional/bidirectional, high-level details of integration data etc.)?            Enterprise Resource Planning (ERP) system            Program planning resource management system            AASHTO TURBORELO            Geographic Information System (GIS)            Bentley ProjectWise™, PlanGrid™            FRA Data</p>	<p>Question #1 above ERP            Current Integration via API, Real time and batch, bidirectional.</p> <p>Question #2 above PPRM.            Current Integration via views, gate keeper bidirectional</p> <p>AASHTO TURBORELO            Current Function call to the external application, real time, bidirectional</p> <p>GIS            Current Function call to PHOTOLOG via GIS tag            Seeking interactive functionality within the application for data searching, Google Earth, indexing location to associated Department capabilities (eg. Project Wise, PlanGrid, FRA data). Expanded capabilities to manage State right of way, location searches and data analysis, visualization and user map base dashboard, to relate ROW acquisition, Excess land right ROW, utility permits, utility coordination and railroad coexistence, market relationships to spatial relevance.</p>
<p>20 What are TDOT's reporting requirement from such a system – ad-hoc, dashboard, pre-defined etc.?</p>	<p>Expanding current application capabilities “reporting generating” ad hoc. Expanding to dash board in the application and exporting to Department dash board application, seeking “at a glance status” indicators, and enhancing the application user GUI.</p>
<p>21 Page 6 (TECHNICAL INFORMATIONAL FORM - Question 15) Does TDOT have any vendor preference for Electronic Signature? Does TDOT have any vendor preference for Electronic Signature?</p>	<p>Presently ADOBE Sign standards are used for electronic signatures. Expanded capabilities for ease of use for public signature of legal documents would be considered.</p>
<p>22 Page 5 Q15 Is the intent of new solution to integrate with AASHTO TURBORELO or is State open to looking at an integrated solution with Relocation module included?</p>	<p>The RFI is seeking solutions for providing the functionality for Acquisition Relocation in compliance with state and federal regulations. An evaluation of the ability to provide that functionality with ease of user data entry / transfer, and use. Either a COTS or integrated solution would be considered.</p>

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23 Page 4 (TECHNICAL INFORMATIONAL FORM - Question 6) What kind of service level agreements and support model TDOT is looking for? Are there any state's mandated standards that the new cloud solution needs to comply with?	Response to the RFI will be used to evaluate further action of the Department.

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.