



## **ADDENDUM 1 – INQUIRIES & RESPONSES**

**GIS Right-of-Way (ROW) Data Integration and Mapping Modernization, RFI # 3000025912**

**Deadline for RFI Response: March 5, 2026**

### **Agency Response to Written Inquiries**

#### **Vendor A Questions:**

1. Are you looking for a commercial off-the-shelf (COTS) solution?

**Maybe, we would prefer ESRI affiliated supported product. Open to options. Also for future support longevity, ESRI is preferred.**

2. Can DOTD confirm whether the future solution is intended to integrate with and augment the existing ArcGIS Enterprise environment, with ArcGIS remaining the authoritative system for spatial geometry, parcel fabric, and GIS editing?

**They need to be able to communicate with ESRI system.**

3. Is DOTD seeking a solution that would replace or replicate core ArcGIS capabilities, such as spatial editing, topology management, or parcel fabric functionality?

**No**

4. Are you looking for a native mobile application that supports offline data capture and synchronization?

**No**

#### **Vendor B Questions:**

1. Does DOTD have a requirement for the software solution to be an on-prem installation or is a SaaS solution acceptable? Understanding this requirement will influence system capability and integration responses.

**On prem is required. Also DOTD shall own the database**

2. Does DOTD have an idea of the number of expected users needing access to the software solution? Understanding this will help with software costs and licensing needs.

**Final Product- Publicly available, Updates will be needed on a “to be determined” frequency. (EX. Every 6 months)**



**Vendor C Questions:**

1. Is the selected firm expected to perform the work of converting microfilm-based ROW records into GIS features (ready to integrate into the GIS environment)?

**Yes, and also performing court house research of deeds and LA DOTD acquisitions.**

2. Are you open to working with a Canadian firm?

**Yes**

3. Can all the Scope of Work be performed remotely, or are there any parts that cannot?

**No, Clerk of Court and Microfilm physical research will be required to build statewide database.**

**Vendor D Questions:**

1. Are all microfilm data digitized (scanned)? Is there additional microfilm or other media needs to be digitized (scanned)?

**No, Some is scanned and will be made available but most is not.**

2. Will copies of digital media would be provided to vendor at no cost or delay?

**Yes, everything we have can be made available. Court house research may have fees.**

3. Who manages DOTD Enterprise ESRI environment? Internal IT, External IT, GIS Unit, other?

**LA DOTD in has an in house group that manages this.**

4. What database platform would be required or is any database platform is allowable?

**Open to suggestions, but ESRI or ESRI compatibility will be necessary.**

5. Does DOTD have an existing database model and schema for ROW data currently?

**Very minimal, This will be a start from beginning database. But, we will give access to our current data.**

6. What location referencing of properties would be required other than geographic coordinate systems?

**It would need to be tied to a typical GIS database. Section, Township, Range, Parish, Control Section, etc..(components listed in the conveyance.)**

7. What business systems would need to be interoperable with the ROW database?

**DOTD in house and public**

8. Does the State or DOTD own a statewide parcel or property ownership data source? (I.E. Commercially available data) If so, would that be available to the vendor?

**Not that we are aware of other than ESRI.**

#### **Vendor E Questions:**

1. What horizontal and vertical accuracy standards, datum, and geoid will be required? Survey grade accuracy?

**Typical GIS database accuracy. not survey grade. I believe the purpose of the proposal is to convert paper, film, microfilm, & digital maps and conveyance documents into one digital format (pdf or tiff). These digital files are then linked to the vector data (shapes) representing the existing right-of-way parcels in ArcGIS Pro.**

2. Will DOTD use Esri Parcel Fabric or a custom ROW geodatabase? Will contour layers be provided?

**ESRI is preferred, NO.**

3. How should control points, survey ties be stored in GIS? Will DOTD provide control points?

**Not necessary, Not needed**

4. What formats should survey data be delivered in to ArcGIS (e.g., LandXML, CAD, GDB)?

**N/A**

5. Which Trimble equipment and corrections (R12i, VRS, base station) will be acceptable for survey-grade work?

**N/A**

6. What QA/QC process is required before data is published to ArcGIS Enterprise?

**LA DOTD staff will spot check /review but vendor will be responsible in fixing any and all issues with bad data input.**

7. What are DOTD's primary deliverables and end-state goals for the GIS ROW map (e.g., internal workflow efficiency, public transparency, legal defensibility, integration with design/asset systems, or 811/utility coordination)?

**All the above.**

8. How will historical records be reconciled with modern survey data, and how will conflicting records be documented and resolved in the GIS?

**No, Historical record data will be used to create from LA DOTD Databases and Court Research.**

#### **Vendor F Questions:**

1. Will you entertain responses from Canadian-based vendors who have demonstrated experience providing similar services internationally?

**Yes**

#### **Vendor G Questions:**

##### Target Architecture & Platform Expectations

1. Does DOTD expect the ROW solution to be fully cloud hosted, hybrid or cloud managed with some on-prem dependencies (e.g ArcGIS Enterprise components)?

**Yes**

2. Which ArcGIS Enterprise components are currently in use (Portal, ArcGIS Server, Data Store, Parcel Fabric, Experience Builder)?

**Not 100% sure at this time. We believe it is a stand alone ArcGIS file on a server.**

3. Does DOTD intend ArcGIS Enterprise to remain the authoritative system of record for ROW spatial data?

**Yes**

##### ROW Data, Documents & Integration Scope

1. What types of ROW records should be managed in scope (parcels, easements, utilities, acquisitions, as-built plans)?

**All R/W documents**

2. How are ROW documents currently digitized (microfilm scans, PDFs, TIFFs), and what metadata is reliably available today?

**All types mentioned**

3. Are there external systems or datasets that must be integrated (assessor data, courthouse records, district databases)?

**Yes**

Implementation

4. What is DOTD's preferred approach to converting legacy microfilm records (bulk conversion, phased rollout, or pilot-first)?

**Open to suggestion**

Governance & Security

1. How are ROW updates created, reviewed, and approved today across districts or offices?

**Parcels are created and delivered by surveyors.**

2. Are there existing data standards, schemas, or governance rules that must be enforced?

**We do not know at this time.**

3. What user groups require access to the system (central office, districts, consultants, legal teams, public)?

**Public/everyone**

4. What level of public access is desired, and are there legal or policy constraints on publishing ROW information?

**There will need to be a disclaimer**

Success Factors

1. What success metrics and risks are most important to DOTD (cost control, accuracy, public transparency, timeline)?

**All the above**

**Vendor H Questions:**

1. What ROW system is LA DOT currently using?

**ArcGIS**

2. What digitizing processes do you currently have?

**N/A**

3. How much data is left to be digitized?

**Mostly the entire system**

4. On historical documents, which legal descriptions are predominant?

**Legal descriptions and r/w maps**

5. What are some unique Louisiana ROW data considerations?

**+/- 17,000 miles, big project**

6. What is the expected duration for the implementation of this project?

**2 years +/-**

7. What are the total number of users that will be required to access the system?

**Public/everyone**

8. What is the expected volume of data that needs to be migrated into the new system?

**Entire state system 17,000+/- miles**

9. Are there any integration requirements besides ESRI's ArcGIS environment?

**Would like to be ESRI compatible**