



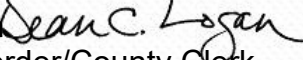
LOS ANGELES COUNTY REGISTRAR-RECORDER/COUNTY CLERK

DEAN C. LOGAN

Registrar-Recorder/County Clerk

February 14, 2025

TO: Supervisor Kathryn Barger, Chair
Supervisor Hilda L. Solis
Supervisor Holly J. Mitchell
Supervisor Lindsey P. Horvath
Supervisor Janice Hahn

FROM: Dean C. Logan 
Registrar-Recorder/County Clerk

NOTICE OF INTENT TO ISSUE WORK ORDER #25-001 EXCEEDING \$300,000 UNDER THE AS-NEEDED VOTING SOLUTIONS FOR ALL PEOPLE (VSAP) ENHANCEMENTS AND SUPPORT SERVICES MASTER AGREEMENT (VESSMA)

This is to advise your Board of the intent of the Registrar-Recorder/County Clerk (RR/CC) to execute Work Order #25-001 VESSMA Category 6 - Election Support Services (Subcategory F - GIS and Mapping Services) with Quartic Solutions, LLC (Quartic) for the amount of \$365,330.

BACKGROUND

On March 1, 2022, your Board approved VESSMA, which utilizes a competitive bid process to engage approved vendors to provide critical election support services in the areas of operations management, network support, load testing, cybersecurity, tally enhancements, education and outreach, and other election support services. In accordance with VESSMA Section 6.0, Board notification is required for work orders exceeding \$300,000.

SCOPE OF WORK

Services provided by Quartic under Work Order #25-001, Category 6F, will support the integration of the Election Management System (EMS) with the Geographic Information System (GIS) used by the RR/CC. The two systems are co-dependent, sharing geographical information that is critical for linking voter residences with their districts and nearby vote centers. This integration will also encompass the EMS sub-systems, specifically the candidate filing system; the Election Contest Ballot Management System which is responsible for preparing ballots to ensure that the correct ballots are sent to voters based on GIS data; and PollChief, which manages vote centers and election worker assignments. All these components tie into the GIS systems, which maintains these boundaries during redistricting when jurisdictions adjust boundaries following the

decennial census, ensuring the data remains in sync with the entire election ecosystem.

The integration will focus on the spatial components of the EMS, including but not limited to districts, precincts, precinct-district relationships, street segments, election precincts, vote centers, service areas, and various routes created in the GIS. This comprehensive integration is essential for enhancing the efficiency, accuracy, and accessibility of electoral processes.

JUSTIFICATION

The County's election process currently relies on two interconnected systems that are integral to managing precinct boundaries and maintaining election data. The GIS Elections system generates election precincts by consolidating sub-precinct and precinct boundaries, while the Single Point Data Entry (SPDE) system supports the ongoing editing and maintenance of records related to changes in streets, sub-precincts, and boundaries.

However, both systems depend on legacy software—such as ESRI ArcMap and C#—that are either nearing or have already reached their end-of-life. This reliance poses significant challenges, including increased maintenance costs, potential security vulnerabilities, and inefficiencies due to duplicated efforts and data management across platforms.

A key component of the proposed modernization is the integration of the County's EMS and GIS systems into a cohesive, streamlined platform. To ensure seamless and error-free integration, it is critical to engage GIS experts with in-depth knowledge of both the County's GIS infrastructure and the EMS system, both of which are currently in development. These specialists will be responsible for:

- **Analyzing Current Systems:** Evaluating the existing County GIS systems and EMS to identify integration challenges and ensure that the transition to a unified platform maintains data integrity.
- **Architecting Robust Designs:** Developing and documenting detailed system designs that accommodate both the current workflows and anticipated future needs, ensuring a seamless operational transition.
- **Implementing Efficient Integration:** Overseeing the integration process to eliminate redundancy, reduce errors, and ensure that both systems operate harmoniously within the new framework.
- **Development Support:** Provide technical support for EMS-GIS integration and ensure smooth implementation.
- **Integration Testing and Validation:** Ensure the integrated system meets functional and performance requirements.

- Post-Deployment Support: Provide ongoing support, performance monitoring, and improvements after integration.

By leveraging specialized GIS expertise, the County can mitigate risks associated with system incompatibilities and ensure that the integrated EMS and GIS platform meets both current operational requirements and future technological demands. The County is replacing the existing EMS with a modern, scalable, and secure solution that not only exceeds current system capacity but also efficiently addresses the increasingly large and complex demands of elections. While the EMS remains the central system for managing election and voter records, ballot issuance, and adjudication, the GIS system is integral in supporting these processes by accurately linking voter records to geographical locations that ultimately determine their voting districts and the election materials they receive. This integration will modernize legacy systems by replacing outdated software, enhance operational efficiency by eliminating duplicated efforts and data, and ensure seamless system performance through expert architectural design and implementation. Moreover, given the interdependent nature of the GIS and EMS replacement efforts, specific deliverables related to the new data model and business processes must be completed by or before December 31, 2025—a critical step for the success of both projects in meeting deadlines for use in the June 2026 Gubernatorial Election.

FISCAL IMPACT

Funding for this VESSMA work order will be absorbed within the department's existing budget through the realignment of available funds. There is no additional Net County Cost (NCC) request associated with this action.

NOTIFICATION TIMELINE

Consistent with VESSMA policies and procedures, we inform your Board of our intention to execute Work Order #25-001. If no objection is received from your Board in ten (10) business days, we will proceed with the execution of Work Order #25-001 (Category 6F).

If you have any questions or need additional information, please contact me at (562) 462-2716 or email dlogan@rrcc.lacounty.gov. Your staff may also contact Jerome Jordan, Assistant Registrar-Recorder/County Clerk, at (562) 462-2652 or email jjordan2@rrcc.lacounty.gov.

DCL:JJ
JS:DL:ca

c: Chief Executive Office
Executive Officer, Board of Supervisors
County Counsel