

Presentation – 54DOCHQ July 15, 2025 (9:00 AM – 11:00 AM)

Caltrans Headquarters Division of Construction (DOC) A&E Contract Outreach

July 15, 2025

9:00 AM – 11:00 PM

Virtual Outreach via Webex

Agenda

- Welcome & General Information
- Introductions
- CalMentor Presentation
- DPAC A&E Process Overview
- A&E Contract Services Overview
- Contract Services
- Networking & Partnering Opportunities
- Question and Answer Session [Official responses to be posted on DPAC website]
- Adjourn

Title VI

- Caltrans ensures that no person in the state of California is excluded from participation in, denied the benefits of, or otherwise subject to discrimination in Caltrans programs, policies, procedures, activities, and services on the grounds of race, color, national origin, sex, age, or disability.
- For more information on Title VI of the Civil Rights Act of 1964, please visit: <https://dot.ca.gov/programs/civil-rights/title-vi>

Disclaimers

- The information provided in this event does not constitute a solicitation or offer of any contract with Caltrans.
- For this outreach, the scope of work, personnel classification, duties, contract amount, schedule, and all aspects of the contract are not final. Information provided is preliminary and subject to change.

Roundtable Introductions (1/2)

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If you have not already registered, please provide the following information in the chat box:

- Name, Firm's name, Email, Phone Number

Roundtable Introductions (2/2)

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- Name, Firm's name, Email, Phone Number

Not Included in the Scope of Work (1/2)

- Hydraulic Engineering
- Traffic Engineering
- Environmental Studies
- Structural Engineering
- Geotechnical Engineering
- Material Testing
- Land Surveying
- Right-of-Way Engineering

Not Included in the Scope of Work (2/2)

- Water Quality
- Visual Impact Analysis
- Value Analysis
- Landscape Architecture
- Independent Cost Estimating Services
- Roadway construction inspection, construction scheduling, and scheduling review services.
- Structure construction inspection services
- Construction Contract Claims
- Critical Path Method ("CPM") analysis and constructability services.

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CALMENTOR PROGRAM

NORTH REGION

Presented by

Ruby Xochihua

What is CalMentor?

- Requirement
- Partnerships
- A&E State Process Education
- Look Ahead Report
- Procurement Process
- Successful Growth
- Networking

Goals & Objectives:

- Establish a mentoring Program that pairs small firms with larger, established firms in the same field of expertise
- Enhance the growth potential of small firms
- Ensure that both small and large firms have equal opportunities to participate in transportation projects
- Establish a clear, accessible entry point for small firms that want to do business with Caltrans or other public agencies
- Develop business relationships that foster new opportunities for both large and small firms
- Encourage small firms to obtain certification from appropriate agencies
- Increase the pool of small businesses

Participants

- Caltrans North Region – supports and facilitates all program related activities.
- Steering Committee Members – Made up of mentors, protégés, and the Chief of NRCSU.
- Mentors – Established firms willing to commit time to help small firms achieve their growth potential.
- Protégés – Small firms seeking growth potential in the transportation marketplace.
- ACEC California – a lead organization of private sector engineering and land surveying firms.
- (Redwood, North Coast and Sierra Chapters)

Websites

- Caltrans website: <https://dot.ca.gov>
- Caltrans Division of Procurements and Contracts (DPAC) Architectural & Engineering (A&E) website: <https://dot.ca.gov/programs/procurement-and-contracts/ae-contract-information>
- Look Ahead Report website: <https://dot.ca.gov/programs/procurement-and-contracts/ae-contractinformation>

A&E Process Overview

Video was played.

A&E Contract Services Overview (1/2)

- Contract Duration: Approximately 3 years
- Contract Amount: up to \$3 Million
- Advertisement: Estimate July/August 2025
- Look Ahead Report: 54DOCHQ
- DBE Goal: Estimate 21%

A&E Contract Services Overview (2/2)

- Scope: The Consultant shall perform consultation, research, professional and technical services required for Roadway Construction Management Services, including, but not limited to, revising and developing construction contract administration policies and construction engineering studies under the authority of the Caltrans Division of Construction Office Chief, on an “as-needed” basis to support the Division of Construction.

Contract Services

- Identify and analyze potential problems associated with construction management work, construction safety, and develop engineering reports recommending sound engineering solutions.
- Assist to ensure that the Federal-aid Highway program is implemented efficiently and effectively, and identify and deploy innovation to enhance safety, and protect the environment.

Contract Services

- Analyze the current construction practices to identify and quantify, where possible, carbon emissions, recommend strategies for reduction, develop a roadmap with specific steps and milestones towards achieving Federal and California decarbonization goals, and monitor progress towards decarbonization targets, adjusting strategies as necessary to ensure compliance and efficiency.

Contract Services

- Provide comprehensive project management and project control (“PMPC”) support for all Projects within the PMPC.
- Design and implement a robust Quality Management System (“QMS”) tailored to DOC’s specific needs and objectives.
- Conduct training sessions and workshops to educate Division staff on QMS procedures and best practices.

Contract Services

- Dispute Resolution Board (“DRB”) engineering analyses, development of technical reports, DRB engineering recommendations, arbitration engineering decisions, and final reports.
- Support DOC in areas of construction safety, construction engineering, Caltrans and stakeholder contract management, and development of training materials related to construction projects.

Contract Services

- Monitor, evaluate, and provide recommendations on construction safety trends by maintaining an awareness of safety and health requirements through but not limited to California Department of Industrial Relations ("DIR"), California Environmental Protection Agency ("CalEPA"), Occupational Environmental Health Solutions, Caltrans Construction Procedure Directives, and the Code of Safe Practices to verify compliance with applicable regulations and construction contract provisions for the protection of the public and construction project personnel as it relates to construction projects.

Contract Services

- Perform technical contract management assessment, analysis and development of current, new, or proposed documents or revisions and provide recommendations to applicable construction engineering specifications, policies, processes, guidelines, bulletins, and the Caltrans Construction Manual (available at <https://dot.ca.gov/programs/construction/construction-manual>) and construction guidance, which directly relates to construction projects.

Contract Services

- Review and revise identified processes and practices of Dispute Resolution Advisors (DRAs) and DRBs for implementation and compliance. Provide the training to be taught by the Dispute Resolution Board Foundation ("DRBF") that will reinforce the essential elements of the DRA and DRB processes to new candidates as required per Sections 5-1.43E(2)(b) "DRA Selection" and 5-1.43E(3)(b) "DRB Member Selection" of the Standard Specifications.

Contract Services

Investigate and develop a work plan for implementation of Intelligent Compaction ("IC") Program projects, IC Implementation Plan and Protocol, and provide project support. The services may include but are not limited to the following tasks:

- Review, evaluate and update the Caltrans IC program.
- Assess and revise the Caltrans IC training program to meet current standards and requirements.
- Assess and update Caltrans's current IC specifications and training program.

Contract Services

- As needed, provide field support for the IC projects, and conduct a project review with Caltrans Resident Engineer/inspector and contractors on technical issues during the paving operations. The project review shall cover the checklist of IC project management protocol and address any IC equipment and data issues, if any.
- Provide technical support and analysis for the IC project that will be determined by Caltrans based on its specific needs with a combination of onsite and on-call technical support, IC data analysis, and IC training issues. The analysis will include data observations, statistics analysis, and correlation analysis to identify any IC equipment and system issues and to evaluate the quality levels of contractors' field operations.

Contract Services

- Review and update training materials for construction engineering, develop contract policies, and conduct construction engineering studies under the authority of the Caltrans Contract Manager or designee.
- Support Caltrans Partnering Program and engage and provide outreach to the public and partners for the Caltrans Annual Partnering Event and quarterly partnering meetings. Manage, evaluate, and integrate collaboration tools for these meetings, of which Caltrans and Industry focus on policy and specification improvements related to the Caltrans Partnering Program and Capital Project Delivery. With information gathered from these meetings, assist in developing new and expand existing partnering methods within the Caltrans Partnering Program. Consultant may be required to provide technical support to deliver the annual partnering awards meeting including prepare mapping and graphics, and technical report. More information on the Caltrans Partnering Program can be found at <http://www.caltranspartnering.com>.

Contract Services

- Assist with the Contract Administration Process Evaluation ("CAPE") Report. The CAPE Report is a qualitative assurance analysis of contract administration practices and processes used by resident engineers and requires development and monitoring of action plans for improvements.
- Aid in Virtual Design Construction ("VDC") evaluation of processes, practices, and implementation plans, as well as development of policies, procedures, and specifications. Analyze effectiveness of VDC projects and provide engineering report.

Contract Services

Provide engineering services for improvements to the construction safety program. The services may include, but are not limited to the following:

- Research innovative construction safety products and methodologies that are available nationally.
- Provide recommendations and reports on development of innovative initiatives. Propose adoption criteria and draft language for implementation of national standards in Caltrans specifications.
- Propose and develop construction phase safety initiatives, policy directives, processes, specifications, and guidance.

Contract Services

- Work with both internal stakeholders, California Highway Patrol ("CHP"), other Departments of Transportation ("DOTs"), and industry to develop safety products, specifications, and adoption criteria.
- Evaluate safety products to determine compliance with existing Authorized Material List ("AML") acceptance criteria.
- Provide construction management, industry outreach and public information services including, but not limited to, conducting large scale public meetings, and preparing materials and graphics.
- Provide written advice and recommendations.
- Provide professional engineer reports (specifications, standard plans, bid item guidelines, etc.).

Networking & Partnering Opportunity

- A list of all of today's attendees will be posted on the DPAC website for your reference.
- Utilize the list to form your potential team partners.

Questions?

- Please type your question(s) in the chat box to EVERYONE.
- Outreach information, including questions and answers, will be posted on DPAC's A&E website: <https://dot.ca.gov/programs/procurement-and-contracts/ae-contract-information>

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Thank You!

Outreach Chat

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