

Welcome to Division of Engineering Services  
A&E Structure Construction Inspection Outreach for Contracts 59ASETA23

Presentation to begin shortly

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

Name

Firm

Email

Phone

Thursday July 20, 2023

10:00AM – 12:00PM

Virtual Outreach via WebEx

## Welcome / Overview

Division of Engineering Services

A&E Structure Construction Inspection Outreach for Contracts 59ASETA23

Yongxin Liu

A&E Contract Manager

Thursday July 20, 2023

10:00AM – 12:00PM

Virtual Outreach via WebEx

Purpose of this Outreach  
General Information Sharing

Office of Civil Rights – Opportunities for DBEs

DPAC Updates – Procurement Process

Networking & Partnering Opportunities

Question & Answer Session – Please send questions to EVERYONE in the chat box

## Agenda

10:00am Overview and introducitons- Arpita Mehta and Logan Frazer

10:20am Contract Information Yongxin Liu

10:25am Project Overview Jeff Goronea

10:55am DPAC Overview Powell Yang

11:10am Small Business Robynn Spence

11:40am Questions Official responses will be posted to the DPAC Website

12:0pm Adjourn

## Title VI

Caltrans ensures that no person in the state of California is excluded from participation in, denied the benefits of, or otherwise subjected 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 at Caltrans, 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 classifications, duties, contract amount, schedule, and all aspects of the contract are not final. Information provided is preliminary and subject to change.

## General Information

Location: Statewide – District 1 through 12

Scope: The Consultant shall perform professional and technical services required for Building Design Services on an “on-call” basis to support the Department of Transportation (Caltrans), Division of Engineering Services, Structure Engineering Program, in phase 0, phase 1, and phase 3 for the design of new and existing Caltrans building and transportation-related facilities statewide.

Schedule:	RFQ Advertisement	August 2023
	SOQ Due	September 2023
	Interview	September 2023
	Cost Negotiation	November 2023
	Award and Execute	November 2023
	DBE Goal:	22%

Contract Amount: Estimated value is \$23-25 Million

Duration: 5 years (3+2=5) Last 2 years Construction phase only

Look Ahead Report: 59ASETA23

DIVISION OF ENGINEERING SERVICES

A&E BUILDING DESIGN CONTRACT

JEFF GORONEA

*OFFICE OF TRANSPORTATION*

*ARCHITECTURE*



## GENERAL INFORMATION

Location: Statewide - for Districts 1 through 12

- Scope: The Consultant shall perform Architectural, Structural, Mechanical and Electrical designs of building or transportation-related facility projects including all appurtenances, on an on-call basis.
- Cost: Statewide Contract estimated value is \$ 23 – 25 M.
- Duration: Contract term is 5 years; 3 years for A&E Design and last 2 years for Construction Support.

## SCOPE OF SERVICES

Deliverables include the following type of work, but not limited to:

Types of endeavors include but are not limited to

Architectural/Structural/Mechanical/Electrical design of building or transportation-related facilities projects including all appurtenances.

Preparation of technical reports.

California State Fire Marshal permit application and approvals.

Division of the State Architect permit application and approvals.

Feasibility Studies/Planning studies.

LEED and Zero Net Energy – Design criteria/Commissioning/Energy Modeling/LEED Credits.

Title 24 of the California Code of Regulations compliances.

Field investigations.

Existing building and facilities studies.

Fire Suppression System design, including Fire Alarm Systems/Fire Suppression Storage Tank and Pump design.

## SCOPE OF SERVICES CONTINUED

Deliverables include the following type of work, but not limited to:

### Architectural

- Site Development Plan – Architectural site planning and design which indicates site entry points, access controls, existing and new site features, parking, accessibility, and fire access provisions.
- Plan Development – Detailed number of rooms/spaces/square footage requirements providing required occupancy, egress, fire, life and safety measures as required.
- Building Product and Material Research – Cost analysis for new technologies proposed, material availability and sustainability.
- Sustainability Designs as specified in the requirements of Part 11 of the California Code of Regulations, the California Green Building Standards Code (CALGreen).
- Code Analysis – Building occupant loads, building fire, life and safety requirements.
- Structural
- Structural designs prepared in conformance with all applicable portions of the California Code of Regulations.
- Foundation designs based on geotechnical investigation and foundation report.
- Structural analysis and designs for foundation, roof framing, ceiling framing, building elevations, wall sections and support structures, above and below ground.

## SCOPE OF SERVICES CONTINUED

Building and transportation-related facilities include the following, but are not limited to:

Typical Building Facility:

Office Buildings

Equipment Shop Buildings

Materials Testing Facilities

Safety Roadside Rest Areas (SRRAs)

Maintenance Stations (MSs)

Commercial Vehicle Enforcement Facilities (CVEFs)

Weigh Stations (WSs)

Pumping Plants

Toll Plazas

Transit Stations

Sand Storage Facilities/Salt Storage Facilities

Vehicular Tunnels

Utility layouts and connections

Park and Ride Lots

## A&E BUILDING DESIGN PERSONNEL REQUIREMENTS:

The Consultant's personnel shall be capable, competent, and experienced in performing the types of work in this Contract with minimal instruction. Personnel skill level should match the specific job classification and task complexity. The Consultant's personnel shall be knowledgeable about, and comply with, all applicable Federal, State, and Local laws and regulations.

### Consultant Contract Manager

A licensed professional architect registered in the State of California in good standing with the California Architects Board or a licensed professional engineer (PE) registered in the State of California in good standing with the California Board for Professional Engineers, Land Surveyors, and Geologists with a minimum of ten (10) years of demonstrated experience.

A minimum five (5) years of demonstrated responsible experience acceptable to Caltrans for performing similar duties as a Consultant Contract Manager.

Coordinate work-related matters and consultant operations under the contract.

Must be employee of the Prime consultant.

## A&E BUILDING DESIGN PERSONNEL REQUIREMENTS:

### Consultant Task Order Manager

A licensed professional architect registered in the State of California in good standing with the California Architects Board or a licensed professional engineer (PE) registered in the State of California in good standing with the California Board for Professional Engineers, Land Surveyors, and Geologists.

Minimum five (5) years of demonstrated responsible task order experience acceptable to Caltrans for performing similar task order manager duties.

### Project Engineer

A licensed professional engineer (PE) registered in the State of California in good standing with the California Board for Professional Engineers, Land Surveyors, and Geologists. The project engineer must remain in good standing at all times during the contract period and shall have a documented minimum five (5) years of demonstrated experience acceptable to Caltrans in Building Design.

## BUILDING DESIGN PERSONNEL REQUIREMENTS CONT.:

### Architect

Licensed professional architect registered in the State of California in good standing with the California Architect Board and shall have a documented minimum of five (5) years of demonstrated, responsible, licensed experience acceptable to Caltrans in Architecture Building Design.

Other design architects shall have, at a minimum, Associate of Science degree from the National Architectural Accrediting Board (NAAB) accredited institution (College or University) and shall have a documented minimum three (3) years of demonstrated experience acceptable to Caltrans in Architecture Building Design.

### Structural, Mechanical and Electrical Engineer

Licensed professional engineer registered in the State of California in good standing with the California Board for Professional Engineers, Land Surveyors, and Geologists with a documented minimum of five (5) years of demonstrated, responsible licensed experience acceptable to Caltrans in Building Design.

Other design engineers shall have, at a minimum, Associate of Science degree from an Accreditation Board for Engineering and Technology (ABET) accredited institution (College or University) and shall have a documented three (3) years of demonstrated responsible experience acceptable to Caltrans in building or transportation-related facility experience.

## BUILDING DESIGN EXCLUSION OF WORK:

- a) Material Testing.
- b) Environmental Studies.
- c) Traffic Engineering
- d) Right-of-Way Engineering
- e) Landscape Architecture
- f) Geotechnical Engineering
- g) Land surveying
- h) Professional and technical engineering services required for the design of new or retrofit of existing bridge structures.



TENTATIVE SCHEDULE (SUBJECT TO CHANGE)

Advertisement 8/15/23

SOQ Due 9/15/23

Interview 9/29/23

Cost Negotiation 11/17/23

Award & Execution 11/29/23

Division of Procurement and Contracts (DPAC)

Powell Yang

Senior Transportation Engineer

[A&E Negotiation Phase Deadlines - June 2022 – YouTube](#)

## Websites

Questions can be sent to the AE Customer Service email: [AE.Customer.Service@dot.ca.gov](mailto:AE.Customer.Service@dot.ca.gov)

New Caltrans website:

<https://dot.ca.gov/>

Caltrans, Division of Procurements and Contracts (DPAC) A&E website:

<https://dot.ca.gov/programs/procurement-and-contracts>

Look Ahead Report:

<https://dot.ca.gov/programs/procurement-and-contracts/ae-contract-information>

CALTRANS SMALL BUSINESS

Robynn Spence

District 3

530.720.1687

[D3.Small.Business@dot.ca.gov](mailto:D3.Small.Business@dot.ca.gov)

## District Small Business Liaison (DSBL)

### Services We Offer:

One-on-One Assistance – To discuss strategies on working with our agency and how best to work with us.

Technical Assistance – Provide technical assistance to our Small Businesses on a variety of topics, including certification applications, navigating our online portals and resources, and connecting businesses to other subject matter experts within Caltrans.

Public Outreach Opportunities – Districts host and participate in outreach opportunities to increase the visibility of our department, including mandatory pre-bid meetings, procurement fairs, and contractor bootcamps.

Event Calendar: <https://dot.ca.gov/programs/civil-rights/caltrans-events-calendar>

Resource for Caltrans Staff – We are a resource for our Caltrans staff who have purchasing and contracting needs and are trying to source small businesses to solicit bids from.

### Statewide DSBL Contact List:

<https://dot.ca.gov/programs/civil-rights/dsbl-contact-list>

Certifications Recognized by Caltrans

State Certifications

Small Business (SB)

Small Business – Public Works (SB-PW)

Disabled Veterans Business Enterprise (DVBE)

Federal Certifications

Disadvantaged Business Enterprise (DBE)

## Disadvantaged Business Enterprise (DBE) Eligibility Requirements

Must be at least 51% owned by one or more socially & economically disadvantaged individual

Must be a for-profit small business

Personal net worth of \$1.32M or less

Must be managed/controlled by DBE individual and a U.S. Citizen

Average annual gross receipts for the 3 previous fiscal years cannot exceed \$28.48M

## DBE Certification

For more information, visit: <https://dot.ca.gov/programs/civil-rights/dbe>

Caltrans – Office of Civil Rights

Small Business Advocate

[SmallBusinessAdvocate@dot.ca.gov](mailto:SmallBusinessAdvocate@dot.ca.gov)

(916) 324-1700

Outreach & Supportive Services Branch

<https://dot.ca.gov/programs/civil-rights/dbe>



A&E Structure Construction Inspection Contract Goals  
Disadvantaged Business Enterprise (DBE)

22%

## Networking & Partnering Opportunity

A list of all of today's attendees will be posted on the DPAC Website with Prime-Consultants and Sub-Consultants for your reference.

Utilize the list to form your potential team partners.

Are you planning to be a:

Prime or sub-consultant and

Primes to possibly host teaming WebEx?

## Question & Answer Session

Compose your questions in the chat box to EVERYONE.

Outreach information including questions and answers will be posted on DPAC A&E website:

[https://dot.ca.gov/programs/procurement-and-contracts/ae\\_contract-information/a-e-outreach-events](https://dot.ca.gov/programs/procurement-and-contracts/ae_contract-information/a-e-outreach-events)