

# Welcome to Division of Engineering Services A&E Structure Construction Inspection Outreach for Contracts 59NEW24191

Presentation to begin shortly

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

Name

Firm

Email

Phone

Jim Foster, MS, PE

DES Structures Construction

A&E Contract Manager

Wednesday, January 18, 2023

10:00 AM – 12:00 PM

Virtual Outreach via WebEx

## Purpose of this Outreach

General Information Sharing

Office of Civil Rights – Opportunities for DBEs

Calmentor Program

DPAC Updates – Procurement Process

Networking & Partnering Opportunities

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

## Agenda

- 10:00 AM Overview & introductions – Jim Foster
- 10:20 AM Contract Information – Jim Foster
- 10:25 AM Project Overview – Kelsie Anderson
- 10:30 AM Contract Scope & Staff – Vaskin Kuyumjian
- 10:55 AM DPAC Overview – Richard Yost
- 11:10 AM Small Business – Robynn Spence
- 11:25 AM A&E Cal Mentor Program – Negar Karbalaee
- 11:40 AM Questions  
Official responses to be posted to DPAC website.
- 12:00 PM 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:

[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.

## Consultant Roundtable Introduction

During your introduction, feel free to share:

Participant's name and firm title

Services your firm provides/Personnel Current Certification

Are you a DBE Consultant/Sub-Consultant?

Are you planning to be a?

Prime or sub-consultant and

Primes to possibly host teaming WebEx.

Goal for attending this event (for non-Caltrans participants)

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

Name, Firm's Name, Email, Phone Number

## Attendees

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## Attendees (Continued)

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## General Information

Location: Structure Construction Office E – District 12

Scope: The Consultant must perform structure construction engineering and inspection services for the SR-241 and SR-91 Express Lane Connector Project, EA 12-0K970 on an as-needed basis

Schedule:

RFQ Advertisement February 2023

SOQ Due March 2023

Interview March 2023

Cost Negotiation May 2023

Award and Execute June2023

DBE Goal: 22%

Contract Amount: Estimated value is \$7-\$11 million

Duration: 3 years

Look Ahead Report: 59NEW24191

## General Information

Not included in the Scope of Work:

Roadway construction services not associated with the structures (12NEWC03-22)

Toll System Integration

Exclusion From Participation:

Throughout the terms of this Contract, the Consultant and its Subconsultants are prohibited to have any financial, business, or other relationship with Caltrans or Transportation Corridor Agency (TCA) which may have a potential conflict of interest with this contract. The Consultant and its subconsultants shall also disclose any financial, business, or other relationship with Caltrans or TCA throughout the terms of this contract.

# Transportation Corridor Agency

Kelsie Anderson  
Transportation Corridor Agency Project Manager

## 0K970 Project Location

SR-241 PM 33.1/39.1 (ORA)

SR-91 PM R14.7/R18.9 (ORA) & R0.0/R1.8 (RIV)

Cities of Anaheim, Yorba Linda, Orange, Corona, and Unincorporated Orange County

## 0K970 Project Description

Median to Median Tolled Connector (N-E, W-s)  
SR-241 Inside Widening (Santiago Creek to SR-91)  
SR-91 EB Widening (Gypsum Canyon to Coal Canyon)

# OK970 Project Description

## Major Structures

### Structures and Non-Standard Walls:

- Oak Canyon Wildlife UC (Widen)
- SCE UC (Widen)
- South Connector
- North Connector, Gypsum Creek Br, RW 427 & RW 426
- Gypsum Canyon Rd UC (Widen)
- MSE Walls (RW 431 & RW 450)
- Soil Nail Wall (RW 484)
- Coal Canyon Rd (Widen)
- Ground Anchor Wall (RW 122)



## 0K970 Other Considerations

Utility Relocations by Others

Environmental Considerations

    Environmentally Sensitive Areas and Species Monitoring

    Wildlife Crossings

    Fire Risk

    Lighting and Noise Monitoring

Tolling Operations Considerations

    91 Express lanes

    241 Toll Road

Other Projects in Corridor

## 0K970 Project Schedule

PS&E Ready to List	Mid-2023
Construction Award	Late 2023
Construction Start	Early 2024

# STRUCTURE CONSTRUCTION ENGINEERING AND INSPECTION SERVICES

Vaskin Kuyumjian, PE  
Senior Bridge Engineer

Jim Foster, PE  
Senior Bridge Engineer

## Contract Structure

The structure and administration will be like the DES SC On-Call Contracts:

Task Orders will be developed for specific needs/activities.

Task Order supplements will be developed on an as-needed basis

Positions within the contract include:

Contract Manager, Task Order Manager, Responsible Person

Structure Representative, Assistant Structure Representative, Transportation Engineering Technician

## SCOPE OF WORK

### STRUCTURE CONSTRUCTION

The Consultant is required to provide professional and technical engineering staff who can perform structure construction inspection services.

Structure Construction inspection services will range from structure representative level tasks in the office down to technician tasks in the field.

The Structure Representative, Assistant Structure Representatives and Transportation Engineering Technician may be Caltrans or Consultant employees.

# SCOPE OF WORK

## STRUCTURE CONSTRUCTION

Duties will include, but not to be limited, to the following:

- Ensure compliance with construction contract requirements

- Attend preconstruction meetings

- Prepare Daily Assistant Resident Engineer and Extra work Daily Report

- Review submittals including shop drawings and temporary works

- Review erection and removal of temporary falsework structures

- Ensure compliance with applicable regulations controlling the work being inspected

- Maintain an awareness of safety and health requirements and enforce applicable regulations

- Take field samples and perform field-controlled tests of construction materials for quality assurance-with proper certifications

- Identify actual and potential problems associated with the construction project work

- Prepare construction contract progress and final payment quantity documents

- Assist in the preparation of change orders, contract pay estimates, and other documents

- Consultant personnel must be physically fit, able, and willing to work under varying conditions and shifts

# Structure Construction Engineering and Inspections Personnel Requirements:

## Consultant Contract Manager

### The Consultant Contract Manager Must:

Coordinate work-related matters and consultant's operation under this contract with the Caltrans Contract manager and Caltrans Task Order manager.

Have a minimum of five (5) years of responsible experience performing the duties as a contract manager for similar construction inspection services contracts.

Be knowledgeable about all Caltrans policies and procedures.

Must be accessible to Caltrans at all times.

Be an employee of the prime consultant.

Be a registered professional engineer licensed in the State of California and a minimum ten (10) years of demonstrated experience acceptable to Caltrans.

Be responsible for all matters related to the consultant's personnel, subconsultants, structures construction inspection services work, and consultant's and subconsultant's operations as outlined in the Contract Statement of Work (SOW).

# Structure Construction Engineering and Inspections Personnel Requirements:

## Consultant Task Order Manager

The Consultant Task Order Manager must:

Have a minimum of five (5) years of responsible experience performing the duties as a Task Order manager.

Be a registered professional engineer licensed in the State of California and must have a documented minimum ten (10) years of demonstrated experience acceptable to Caltrans.

Be Always accessible to the Caltrans contract Manager and the Caltrans Task Order Manager during normal Caltrans working hours that Task Order work is underway.



# Structure Construction Engineering and Inspections Personnel Requirements:

## Structure Representative

The Consultant Structure Representative must:

Have a minimum of two (2) years of responsible experience performing the duties as a Structure Representative for similar construction inspection projects.

Be a registered professional engineer licensed in the State of California.

Possess a valid:

- Driver's License.

- Standard First Aid Certificate

- American Society for Testing Materials (ASTM) or California Test Methods (CTM), or American Concrete Institute (ACI) as required and applicable prior to reporting to work.

# Structure Construction Engineering and Inspections Personnel Requirements:

## Assistant Structure Representative

The Consultant Assistant Structure Representative must:

Have a two (2) year degree from pre-engineering program and have a minimum of two (2) years' experience performing the duties and tasks of an Assistant Structure Representative or have a four (4) year bachelor's degree in engineering and have one (1) year experience performing the duties and tasks of an Assistant Structure Representative for similar construction inspection projects.

Possess a valid:

Driver's License

Standard First Aid Certificate

American Society for Testing Materials (ASTM) or California Test Methods (CTM), or American Concrete Institute (ACI) as required and applicable prior to reporting to work

# Structure Construction Engineering and Inspections Personnel Requirements

## Transportation Engineering Technician

The Consultant Transportation Engineering Technician must:

Have a two (2) year degree from pre-engineering program or have a minimum of three (3) years' experience performing the duties and tasks of an Engineering Technician on similar construction inspection projects.

Possess a valid American Society for Testing Materials (ASTM) or California Test Methods (CTM), or American Concrete Institute (ACI) as required and applicable prior to reporting to work.

Possess construction surveying knowledge and experience necessary for control lines and grades as required by established Structure Construction Practices Policies and Procedures.

Possess a valid Driver's License.

# Division of Procurement and Contracts (DPAC)

Richard Yost, PE

Senior Transportation Engineer

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

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

## Websites

New Caltrans website:

[Caltrans Website](#)

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

[DPAC A&E Website](#)

Look Ahead Report:

[Look Ahead Report](#)

## CALTRANS SMALL BUSINESS

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## Districts & Counties

- District 1 – Eureka (Del Norte, Humboldt, Lake, and Mendocino)
- District 2 – Redding (Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama, and Trinity)
- District 3 – Marysville/Sacramento (Butte, Colusa, El Dorado, Glenn, Nevada, Placer, Sacramento, Sierra, Sutter, Yolo, and Yuba)
- District 4 – Bay Area/Oakland (Sonoma, napa, Solano, Marin, San Francisco, Contra Costa, Alameda, San Mateo, and Santa Clara)
- District 5 – San Luis Obispo/Santa Barbara (Santa Barbara, San Luis Obispo, Monterey, San Benito, and Santa Cruz)
- District 6 – Fresno/Bakersfield (Madera, Fresno, Tulare, Kings, Kern)
- District 7 – Los Angeles (Los Angeles and Ventura)
- District 8 – San Bernardino/Riverside (Riverside and San Bernardino)
- District 9 – Bishop (Inyo, Mono, and Eastern Kern)
- District 10 – Stockton (Alpine, Amador, Calaveras, Mariposa, Merced, San Joaquin, Stanislaus, and Tuolumne)
- District 11 – San Diego (San Diego and Imperial)
- District 12 – Santa Ana (Orange)

## 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: [Event Calendar](#)

Resources 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:

[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 Certifications

For more information, visit:

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

Civil Right Support Branch

# A & E Structure Construction Inspection Contract Goals

Disadvantaged Business Enterprise (DBE)

22%

# A & E Calmentor Program

Negar Karbalaee, PE

Consultant Services Unit Acting Branch Chief

## Calmentor Program – Goal/Background

Goal: Increase the pool of small A&E business participation in transportation projects

Senate Bill 103: Mandated the increase of procurement opportunities for Small Business (SB), disadvantaged Business Enterprise (DBE) and Disabled Veterans Business Enterprise (DVBE) and created outreach programs and activities such as the Calmentor program

Calmentor Steering Committee is formed by 11 members (four large firms, four small firms, one member from District 7, 8, and 12)

Large and small firms pair up into a mentorship agreement; builds relationships between both large and small firms

## Calmentor Programs – Benefits

Large Firms – Increased goals (DBE/DVBE) are being reached and provides support to small businesses

Small firms – Increase potential growth, familiarize with Caltrans operation/process in order to be awarded A&E contracts

Large and Small firms – Economic Growth in our communities

## Calmentor Program – Events

Calmentor networking event held bi-annually

Location rotates between Districts 7, 8, 12

Events published at:

- LinkedIn

- American Council of Engineering Companies

- Small Business Council

- Other Caltrans Outreach events

Purpose:

- Meet District Executive staff, meet the Calmentor Steering Committee members, and receive information about upcoming A&E contracts

  - Hear from you (consultant community) likes/dislikes



## Calmentor Program – Contact Us

Email: [d7.ppm.consultant.services.unit@dot.ca.gov](mailto:d7.ppm.consultant.services.unit@dot.ca.gov)

LinkedIn: [LinkedIn](#)

How We Can Help:

- Request overview information about program

- Request applications

- View Mentor/Protégé active list

- How to pair up

## Networking & Partnering Opportunity

A list of all of today's attendees will be posted on the DPAC Website with Prime-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 websites:

[A & E Outreach Events](#)