

## Six Skills Required to Win Work Funded by the Infrastructure Act

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[www.constructionexec.com](http://www.constructionexec.com) ]

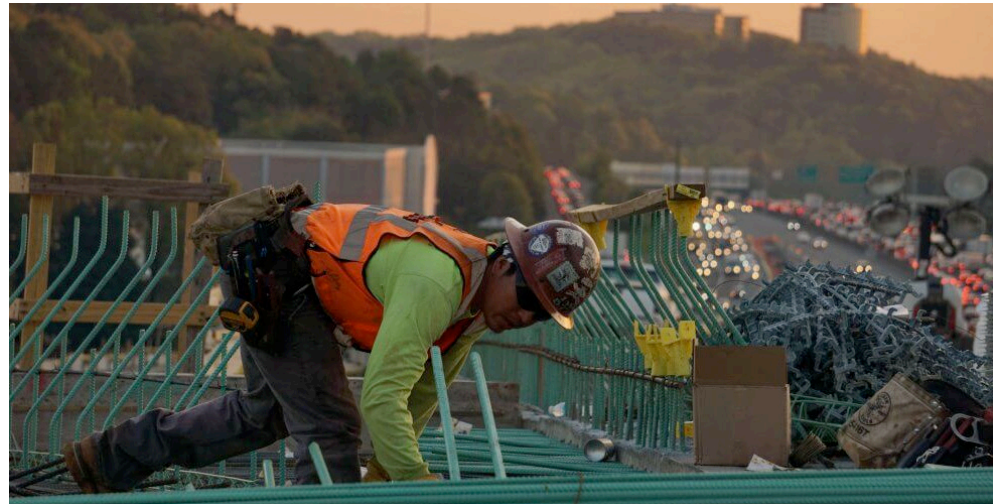
By Nicholas Wolf and Nicholas Della Rosa,

The \$1.2 trillion Infrastructure Investment and Jobs Act is about to galvanize the AECO industry as almost half of the funding is pumped into transportation and utilities revitalization over the course of the next five years. To continuously win and maintain work over that period, companies will need to augment their traditional skills with modern technologies and the expertise to maximize their effectiveness. Without a national standard for how these construction and civil engineering projects are executed, however, the responsibility for onboarding new solutions and processes will be on the firms themselves.

Some of these technical capabilities have been available in AECO industry for several years, such as cloud collaboration and building information modeling for 3D project management. With the need to focus on efficiency and sustainability, technologies such as “Internet of Things” enabled devices and digital twin platforms will be required in the next phase to meet government RFPs. The former technologies will be suitable for the short term as the act’s funds are released; however, the latter will enable firms to future-proof their workflows against the changing needs of facility owners and civil oversight boards.

The need to plan out immediate engagements at the highest level of detail is imperative for success since waste management and upcycling are critical factors of the act. Firms of all sizes will be required to onboard lifecycle-spanning solutions and be trained in how to maximize uptime to work quickly. Familiarity and expertise in designing and constructing in collaborative data-rich intelligent 3D models will separate firms that are prepared from those that are not.

As the Infrastructure Act matures, a transformative trend will take shape making data management and sustainability paramount. Government agencies are already moving toward BIM models as a legal document, leading to as-built models and digital twins becoming industry standards. Furthermore, shifting from reactive to proactive ongoing maintenance will drive AECO firms to employ connected devices to continuously feed information into master models that can identify equipment and infrastructure status accessible via a common data environment.



Therefore, planning how to balance these immediate and ongoing initiatives will allow firms to win government-funded projects while optimizing their internal offerings and practices. Organizations with long-term goals aligning with the Infrastructure Act should do the following.

### 1. Understand working in a BIM Process

As government agencies transition from 2D to 3D BIM deliverables, they expect their subcontractors and engineers to prepare materials in a compatible format. Firms need to train their staff in BIM software or partner with a consultant familiar with BIM protocols.

### 2. Develop BIM standards

A 3D model is a framework for what will become a final product. Embedding high standards throughout the BIM project lifecycle reduces change orders and excess materials. Many construction organizations are requiring Level of Detail 400 or above which may call for a parts database. Creating quality workflows that meet this demand will result in the creation of a master model that includes electrical, plumbing, and HVAC data in a single location.

### 3. Move to the cloud

Construction projects of any size include an array of documentation, contracts and stakeholders that all need to be organized. Therefore, the natural flow of a BIM process evolution is to store all project data in a single cloud database. Critical status updates, revisions and review sessions can be conducted regardless of location to keep projects visible and on time.

### 4. Implement data management protocols

With all that data in the cloud, proper management of information becomes a necessity. Contractors and designers will need to work with owners to identify maintenance inputs, upload asset information and share point and linear asset materials to guarantee holistic administration after construction is complete.

### 5. Transition from BIM to a Digital Twin

A digital twin differs from standard BIM in that it incorporates all the data points and documentation previously relegated to a separate cloud location. Firms should collaborate with owners to determine the long-term needs of the build.

### 6. Integrate data points into the Digital Twin

Finally, the BIM detail and data points can be combined into a true digital twin with maintenance, asset and occupancy data accessible from the platform. Firms involved at this level of digitization should team up with owners to create detailed handover documentation.

AECO firms securing Infrastructure Act contracts and onboarding new technologies will be positioned to expand into design and environmental areas and become more competitive in the long run. The innovators among them will not limit their development goals based on the five-year government funding program, but rather will use those resources to springboard themselves into the next era of connected building.

**SOURCE:** <https://www.constructionexec.com/article/six-skills-required-to-win-work-funded-by-the-infrastructure-act>



# CALIFORNIA SUB-BID REQUEST ADS



Is requesting quotes from certified and qualified **DBE** and **DVBE** Subcontractors, Suppliers, and Service Providers for the following (but not limited to) work:

#### SUBS/SERVICE PROVIDERS

Asphalt Concrete, Clearing & Grubbing, Crash Cushion, Ground Anchor, Hydroseeding, Lead Compliance, Minor Concrete Structures, Portland Cement & Concrete Pavement, SWPPP Planning, Reinforced Concrete Pipe, Remove Concrete, Temporary Erosion Control

#### SUPPLIERS/SERVICE PROVIDERS

Aggregate Base

#### CALTRANS STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION ON STATE HIGHWAY IN CITY AND COUNTY OF LOS ANGELES FROM 0.2 MILES NORTH OF RINALDI STREET UNDERCROSSING TO ROUTE 5/405 SEPARATION

Contract No. 07-343204

DBE GOAL 19%

**BID DATE: January 27, 2022 at 2:00 p.m.**

All Quotes Due Prior

**Sukut Construction, LLC**

4010 W. Chandler Avenue, Santa Ana, CA 92704

Contact: Lawrence Damore

Phone: (714) 540-5351 • Fax: (714) 545-2003 • Email: [estimating@sukut.com](mailto:estimating@sukut.com)

Plans/specs are available for viewing at our office by appointment, by Sukut FTP, or from Owner. Subcontractors must be prepared to furnish 100% performance and payment bonds and possess current insurance and workers' comp coverage. Sukut will assist qualified subcontractors in obtaining bonds, insurance, and/or lines of credit. Subcontractors/Vendors will be required to sign Sukut's Standard Subcontract/Purchase Order. Copies are available for examination. Please contact Eric Bodyfelt at Sukut Construction for assistance in responding to this solicitation.

Sukut Construction's listing of a Subcontractor in its bid to the agency is not to be construed as an acceptance of all the Subcontractor's conditions or exceptions included with Subcontractor's price quotes. Quotations must be valid for the same duration as specified by Owner for contract award.

**Sukut Construction, LLC An Equal Opportunity Employer**



**PROJECT NAME: Los Banos Police Station**  
**BID DATE: January 24, 2022 at 3:00 PM**

**Scopes: Structural Steel, Metal Decking**

#### **Project Description:**

BIDS FOR THE ABOVE SCOPE ONLY AT THIS TIME. The City of Los Banos has awarded Swinerton Builders the design and construction of a new police station. The new police station includes a 28,000 SF main building, a 3,000 SF impound building on a 2.8-acre site. The main building will be a 1-story Type I-B building with a steel and concrete structure.

#### **PLANS & SPECIFICATIONS:**

<https://swinerton.com/subcontractors/current-bid-opportunities/>

Contact: Karina Schulz

Tel: (415) 516-4174

Email To: [karina.schulz@swinerton.com](mailto:karina.schulz@swinerton.com)

Please submit your bid to Karina Schulz via Building Connected or via email.

We reserve the right to require all subcontractors to furnish 100% performance and payment bonds from a U.S. Treasury-listed surety. Premium cost to be included as a separate item. At our discretion, a bid bond and/or letter of bondability from a U.S. Treasury-listed surety may be required within 48 hours of demand.

**"Swinerton is an Equal Employment Opportunity, Minority, Women, Disability, and Veteran Employer"**

Sub-Bids Requested from qualified **DBE** Subcontractors and Suppliers For:

#### **RAS PIPE REHABILITATION PROJECT**

**CIP #9120**

**Owner: Silicon Valley Clean Water (SVCW)**

**Location: Redwood City, CA**

**Bid Date: February 1, 2022 @ 2:00 P.M.**



667 Brea Canyon Road, Suite 30  
Walnut, CA 91789

Phone: (909) 595-4397, Fax: (909) 444-4268

Contact: Lori Olivas, [lori.olivas@jfshea.com](mailto:lori.olivas@jfshea.com)

J F Shea / Parsons, A Joint Venture is soliciting your participation in the preparation of this bid. We are particularly interested in bids from subcontractors/suppliers for the following work items: **Demolition, Ready-Mix Concrete, Reinforcing Steel, Structural Steel, Miscellaneous Metals, Painting & Coatings, Equipment, Electrical & Instrumentation**

Plans and Specifications: Email your request to [elizabeth.pettus@jfshea.com](mailto:elizabeth.pettus@jfshea.com).

Shea/Parsons JV is an equal opportunity employer and intends to negotiate in good faith with interested DBE firms and intends to utilize the lowest responsive bidder. Shea/Parsons JV expects potential subcontractors to be bondable. Shea/Parsons JV will pay for up to 1% for subcontractor bond costs. Subcontractors and Suppliers are expected to bid per plans and specifications, including requirements for warranties. Standard manufacturer's warranties, if not in conformance with owner's specifications, will not be accepted.

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#### Computer Generated Reports

Will fit right into your proposal, along with a list of interested firms to contact.

#### Contact Info:

1160 Battery Street East, Suites #100

San Francisco, CA 94111

Email: [sbe@sbeinc.com](mailto:sbe@sbeinc.com)

Website: [www.sbeinc.com](http://www.sbeinc.com)

Phone: (415) 778-6250, (800) 800-8534

Fax: (415) 778-6255

#### Publisher of

Small Business Exchange  
weekly newspaper

# CALIFORNIA SUB-BID REQUEST ADS



11555 Dublin Boulevard • P.O. Box 2909  
 Dublin, CA 94568-2909  
 (925) 829-9220 / FAX (925) 803-4263  
 Website: [www.desilvagates.com](http://www.desilvagates.com)  
 ESTIMATOR: **VICTOR LE**  
 An Equal Opportunity/ Affirmative Action Employer

DeSilva Gates Construction (DGC) is preparing a bid as a Prime Contractor for the project listed below:

**CALTRANS ROUTE 29 – CONSTRUCTION ON STATE HIGHWAY IN NAPA COUNTY NEAR NAPA ON ROUTE 29 FROM 0.7 MILE SOUTH TO 0.5 MILE NORTH OF ROUTE 221 AND ON ROUTE 221 FROM 0.2 MILE NORTH OF ROUTE 29 TO ROUTE 29**

Contract No. 04-281204  
 Federal Aid Project No. ACNH-X055(060)E.  
 Disadvantaged Business Enterprise Goal Assigned is 22%

**OWNER: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION**  
 1727 30th Street, Bidder's Exchange, MS 26, Sacramento, CA 95816

**BID DATE: FEBRUARY 1ST, 2022 @ 2:00 P.M.**

DGC is soliciting quotations from certified Disadvantaged Business Enterprises, for the following types of work and supplies/materials including but not limited to:

AC Dike, Bridge, Clearing and Grubbing/Demolition, Cold Plane, Concrete Barrier, Construction Area Sign, Electrical, Erosion Control, Fabric/Geosynthetic Pavement Interlayer, Fencing, Landscaping & Irrigation, Lead Compliance Plan, Metal Beam Guardrail, Minor Concrete, Minor Concrete Structure, CRCP & LCB Paving, Roadside Signs, Delineation & Markers, Shoring, Sign Structure, Striping, Survey/Staking, SWPPP Prep/ Water Pollution Control Plan Prepare, Temporary Erosion Control, Traffic Control Systems, Underground, Trucking, Water Trucks, Street Sweeping, Class 2 Aggregate Base Material, Class 4 Aggregate Base Material, Hot Mix Asphalt (Type A) Material, Rubberized HMA (Open Grade) Material, Rubberized HMA (Gap Grade) Material.

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA and 3855 North Freeway Boulevard, Suite 100, Sacramento, CA or at your local Builders Exchange, or reviewed and downloaded from the dropbox site at [https://www.dropbox.com/sh/5rvdc1bwfbasgl9/AABbrd0ba51\\_kN3GtAESfBUoa?dl=0](https://www.dropbox.com/sh/5rvdc1bwfbasgl9/AABbrd0ba51_kN3GtAESfBUoa?dl=0) or from the Owner's site at [http://www.dot.ca.gov/hq/esc/oe/weekly\\_ads/all\\_adv\\_projects.php](http://www.dot.ca.gov/hq/esc/oe/weekly_ads/all_adv_projects.php)

Fax your bid to (925) 803-4263 to the attention of Estimator Victor Le. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at [www.dir.ca.gov/Public-Works/PublicWorks.html](http://www.dir.ca.gov/Public-Works/PublicWorks.html)

If you need DBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (925) 829-9220, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center ([www.transportation.gov/osdbu/SBTRCs](http://www.transportation.gov/osdbu/SBTRCs)). DGC is willing to breakout portions of work to increase the expectation of meeting the DBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a PREVAILING WAGE JOB. DGC is an Equal Opportunity/Affirmative Action Employer.



**Request for Qualification (RFQ)**  
 RFQ Period: January 12, 2022 – January 25, 2022

Turner Construction Company (Turner) is seeking qualified Subcontractors for the following project:

**Gateway – University of California, Berkeley**  
 UCB Project No. 12785A

Turner has been awarded the UCB Gateway project designed by Weiss Manfredi, Executive Architect Gensler and MEP by Interface, located at the former Tolman Hall site, bounded by Hearst Avenue to the north, Koshland Hall to the west, and Morgan Hall and Wellman Courtyard to the east. The project gateway will span over Morgan Bikeway with new paving and planting to invite visitors into campus. This is a new 5-story, 380,000 square feet building hosting Berkeley's data science classrooms, seminar and core spaces on the lower level, while the upper five levels are dedicated to a mix of research labs, faculty and staff offices, workstations and collaborative meeting spaces. This project is seeking either LEED Gold or Platinum certification.

Trade Subcontractors who do not submit the pre-qualification information and are not pre-qualified will not be allowed to propose on the project.

Turner is currently seeking RFQs for the following Trade Packages:

Group	Bid Package #	Trade Package
2A	6	Earthwork / Demo / Shoring / Dewatering - Design/Build

Turner has a 20% UBE [MBE/WBE/DVBE/LGBTQ+] goal for this project.

University Project Reference: <https://capitalstrategies.berkeley.edu/gateway>

For information on how to Pre-Qualify with Turner, please contact Tim Galvin – Subject: UCB Gateway at the following email address: [projectoutreach@tcco.com](mailto:projectoutreach@tcco.com)



11555 Dublin Boulevard • P.O. Box 2909 • Dublin, CA 94568-2909  
 (925) 829-9220 / FAX (925) 803-4263  
 Website: [www.desilvagates.com](http://www.desilvagates.com)  
 ESTIMATOR: **BOB CICCARELLI**  
 An Equal Opportunity/ Affirmative Action Employer

DeSilva Gates Construction (DGC) is preparing a bid as a Prime Contractor for the project listed below:  
**CALTRANS ROUTE 51 – SACRAMENTO COUNTY IN AND NEAR SACRAMENTO FROM EL CAMINO AVENUE OVERCROSSING TO 0.4 MILE SOUTH OF MARCONI AVENUE OVERCROSSING AND FROM 0.4 MILE NORTH OF MARCONI AVENUE OVERCROSSING TO ROUTE 80, 51/244 SEPARATION**  
 Contract No. 03-2G3904,

Disabled Veteran Business Enterprise Goal Assigned is 3%  
**OWNER: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION**  
 1727 30th Street, Bidder's Exchange, MS 26, Sacramento, CA 95816  
**BID DATE: JANUARY 27TH, 2022 @ 2:00 P.M.**

DGC is soliciting quotations from certified Disabled Veteran Business Enterprises, for the following types of work and supplies/materials including but not limited to:

**COLD PLANE, CONSTRUCTION AREA SIGNS, ELECTRICAL, EMULSION SUPPLIER, LEAD COMPLIANCE PLAN, PAVEMENT MILLING, PCC PAVING, STRIPING, SURVEY/STAKING, SWPPP PREP/WATER POLLUTION CONTROL PLAN PREPARE, TEMPORARY EROSION CONTROL, TRAFFIC CONTROL SYSTEMS, TRUCKING, WATER TRUCKS, STREET SWEEPING, HOT MIX ASPHALT (TYPE A) MATERIAL, RUBBERIZED HMA (OPEN GRADE) MATERIAL.**

Plans and specifications may be reviewed at our office located at 11555 Dublin Boulevard, Dublin, CA or at your local Builders Exchange, or reviewed and downloaded from the ftp site at <ftp://ftp%25desilvagates.com:ftp%255wd@pub.desilvagates.com> (if prompted the username is [ftp@desilvagates.com](mailto:ftp@desilvagates.com) and password is [f7pa55wd](https://www.dropbox.com/sh/5rvdc1bwfbasgl9/AABbrd0ba51_kN3GtAESfBUoa?dl=0)) or from the dropbox at [https://www.dropbox.com/sh/5rvdc1bwfbasgl9/AABbrd0ba51\\_kN3GtAESfBUoa?dl=0](https://www.dropbox.com/sh/5rvdc1bwfbasgl9/AABbrd0ba51_kN3GtAESfBUoa?dl=0), or from the Owner's site at [www.dot.ca.gov/hq/esc/oe/weekly\\_ads/all\\_adv\\_projects.php](http://www.dot.ca.gov/hq/esc/oe/weekly_ads/all_adv_projects.php)

Fax your bid to (925) 803-4263 to the attention of Estimator Bob Ciccarelli. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at [www.dir.ca.gov/Public-Works/PublicWorks.html](http://www.dir.ca.gov/Public-Works/PublicWorks.html)

If you need DVBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (925) 829-9220, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center ([www.transportation.gov/osdbu/SBTRCs](http://www.transportation.gov/osdbu/SBTRCs)). DGC is willing to breakout portions of work to increase the expectation of meeting the DVBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a PREVAILING WAGE JOB. DGC is an Equal Opportunity/Affirmative Action Employer.





# CALIFORNIA SUB-BID REQUEST ADS



## Kiewit

**Kiewit Infrastructure West Co.**  
4650 Business Center Drive • Fairfield, CA 94534  
Attn: Krista Christensen at [norcal.bids@kiewit.com](mailto:norcal.bids@kiewit.com)  
Fax (707) 439-7301

Requests quotes from qualified Subcontractor, Service Providers, Consultants, and/or Suppliers seeking to participate for the following project in Stanislaus & San Joaquin Counties, CA:

**San Joaquin Pipeline Valve and Safe Entry Improvements: Phase 1A**  
Contract No. HH-1005

Owner: City and County of San Francisco

**Bid Date: January 20, 2022 @ 2:00 P.M.**

**Subcontractor and Supplier Scopes are due January 13, 2022 and**  
**Quotes NO LATER THAN January 19, 2022 at 5 PM.**

Kiewit requests City & County of San Francisco Small and Micro (LBE) and SF Contract Monitoring Division (SFPUC-LBE) certified businesses for, but not limited to, the following scopes:

Concrete Pumping • Concrete Supply • Electrical • Electrical Supply • Electrical Testing • Erosion Control • Excavation/Grading • Fences & Gates • Integrator • Miscellaneous Metals • Piping & Valves • Rebar • Shoring • Structural Steel Framing • Water Truck • Welding

Certified thru the following agencies: [www.sfgov.org](http://www.sfgov.org) ; [www.sfwater.org](http://www.sfwater.org)

Plans are available for viewing through SmartBidNet (SBN). All companies already registered in our SBN database will receive an invitation to bid. Please email [norcal.bids@kiewit.com](mailto:norcal.bids@kiewit.com) to have your company added to our SBN database to be able to receive bidding information, Plans and Specifications.

Performance and Payment Bonds may be required for Subcontractors, and Supply Bond for permanent material Suppliers on this project. Bond requirement can be waived on a case-by-case basis. Bond premiums are reimbursable by Kiewit. Please contact Kiewit for any assistance in bonding, insurance, equipment, materials and/or supplies. Subcontractors must possess & provide current California contractor's license number & DIR Registration number.

Each subcontractor must comply with the terms of the Project Labor Agreement (PLA). Non-signatory subcontractors providing labor on site will be required to sign an agreement for trades covered under this Project Labor Agreement (PLA).

Subcontractors and Suppliers will be required to execute Kiewit standard agreements and agree to Kiewit standard general terms and conditions. Copies are available for review through our SmartBidNet (SBN) site.

FEMA Funding Requirement apply  
Davis-Bacon and California prevailing wage rates apply

**An Equal Opportunity Employer**  
CA Lic. 433176  
DIR #: 100001147



## Kiewit

**Kiewit Infrastructure West Co.**  
4650 Business Center Drive  
Fairfield, CA 94534  
Attn: Krista Christensen at  
[norcal.bids@kiewit.com](mailto:norcal.bids@kiewit.com)  
Fax (707) 439-7301

Requests quotes from qualified Subcontractors, Service Providers, Consultants, and/or Suppliers seeking to participate for the following project in Orinda, CA:

**Orinda, Lafayette & Walnut Creek WTPs**  
**Carbonic Acid Storage & Feed Control Systems**  
Specification No. 2137

Owner: East Bay Municipal Utility District

**Bid Date: January 19, 2022 @ 1:30 PM**

**Subcontractor and Supplier Scopes**  
**are due January 12, 2022 and**

**Quotes NO LATER THAN**  
**January 18, 2022 at 5 PM.**

Kiewit requests proposals/quotes from Local Subcontractors, Service Providers, Consultants, and/or Suppliers located in the counties of Alameda, Contra Costa, San Joaquin, Calaveras, Amador, and other counties for the following scopes, but not limited to:

Asphalt Paving • Acoustical Panels • Aggregates • Cathodic Protection • Clearing & Grubbing • Concrete Pumping • Concrete Supply • Demolition • Divers • Electrical • Electrical Supply • Electrical Testing • Electronic Safety & Security • Erosion Control • Fences & Gates • Fiber Optic Cable • Integrator • Joint Sealants • Lead Abatement • Louvers • Mechanical Equipment • Metal Building System • Miscellaneous Metals & Structural Steel • Painting & Coating • Pipe Insulation • Piping & Valves • Rebar • Sawcut & Core Drill • Signage • Survey • Sweeper Truck • Trucking & Hauling • Water Truck • Welding

Plans are available for viewing through SmartBidNet (SBN). All companies already registered in our SBN database will receive an invitation to bid. Please email [norcal.bids@kiewit.com](mailto:norcal.bids@kiewit.com) to have your company added to our SBN database to be able to receive bidding information, Plans and Specifications.

Performance and Payment Bonds may be required for Subcontractors, and Supply Bond for permanent material Suppliers on this project.

Bond requirement can be waived on a case-by-case basis. Please contact Kiewit for more information. Bond premiums are reimbursable by Kiewit.

Interested firms may contact Kiewit for any assistance in bonding, insurance, equipment, materials and/or supplies.

Subcontractors must possess & provide current California contractor's license number & DIR Registration number.

EBMUD's Contract Equity Program and Equal Employment Opportunity Guidelines applies to this pursuit. EBMUD's Contract Equity Program were established to enhance equal opportunities for all business owners regardless of race, ethnicities, genders, and sexes.

**An Equal Opportunity Employer**  
CA Lic. 433176  
DIR #: 100001147



**ANDREW M JORDAN INC dba A & B CONSTRUCTION**  
1350 Fourth Street, Berkeley, CA 94710  
Phone: 510-999-6000 • Fax: 510-982-3636

**Bid Date: 1/18/2022 @ 2:30 PM**

Requests proposals/quotes from all qualified & certified subcontractors, suppliers, service providers and truckers for the following project:

**ALAMEDA POINT REUSE AREA**  
**REPLACEMENT INFRASTRUCTURE PH 1 & 2 • PW No 11-19-55**

Infrastructure including but are not limited to the following: SWPPP; Erosion Control; Traffic Control; Shoring & Dewatering; Survey; Demolition Including Site Clearing, Pavement, Removal and Abandonment; Bypass Pumping; Electrical Including Street Lighting & Joint Trench Completion; Street Work including Grading, Paving, CL2 AB, Trench Repair, Concrete, Bio-Basins, Bus Shelter, Retaining Wall with Safety Fence, Striping & Signs, Re-Striping & Bollards; Landscape & Irrigation including Soil Prep & Import Soil and Other Related Items; Pipes, Precast RCP-Boxes-Vaults-Structures-Pads, One-Lift Pump Station; Asphalt, Aggregates, Soil, Concrete, Conduits, Bollards Materials and Other Related Items; Trucking and any other relevant area of work associated with this project.

Subcontractors awarded on any project will be on A & B's standard form for subcontract without any modifications. We are an Equal Opportunity Employer

For plans and specifications: <https://www.alamedaplanroom.com> or by contacting BPX at (510) 559-8299 or at [Richmond@bpxprinting.com](mailto:Richmond@bpxprinting.com)

For questions and concerns please contact  
A&B's estimating department:  
Email: [AB\\_Estimating@a-bconstruction.net](mailto:AB_Estimating@a-bconstruction.net)  
Phone: 510-999-6000  
Fax: 510-982-3636



# CALIFORNIA SUB-BID REQUEST ADS

## SKANSKA

**Subcontractor/Supplier Bids/Proposals Requested**  
**Owner: California Department of Transportation**  
**Caltrans Contract Number: 12-OJ34U4**  
**Proposal Due Date: February 10, 2022 – 2:00 PM**  
**DBE 24%**

Skanska USA Civil West California District Inc. is interested in soliciting in Good Faith all subcontractors, material suppliers, service consultants, and vendors, as well as certified DBE firms related to the scopes of work below for the

**CONSTRUCTION ON STATE HIGHWAY IN ORANGE COUNTY IN IRVINE, SANTA ANA, AND TUSTIN ON ROUTE 5 AT NEWPORT AVENUE UNDERCROSSING AND ON ROUTE 55 FROM 0.4 MILE NORTH OF ROUTE 55/405 SEPARATION TO 0.1 MILE SOUTH OF ROUTE 5/55 SEPARATION**  
 In District 12 On Route 5, 55  
 12-Ora-5, 55-29.6, R6.4/10.3

Plans & Specs can be accessed and download online at: Caltrans Office of Engineer  
<http://ppmoe.dot.ca.gov/des/oe/weekly-ads/all-adv-projects.php>

And on Building Connected at  
<https://app.buildingconnected.com/projects/61bbb156f3d3600c752691d/info>

**Requested scopes include, but are not limited to, the following and should be based on Contract and its amendments:** Aggregates, Bridge Bearing Pads, BMP Materials, Geotextiles, Joint Seal Material, Miscellaneous Metals, PCC Dowel & Tie Bars, Tie Bars, PCC Materials, Precast Concrete Girders, Pipe Materials, RCP Pipe, Ready Mix Concrete, Formliner, Traffic Control Materials, Asphalt Paving, AC Dike, Construction Area Signs, CIDH piles, Clearing & Grubbing, Concrete Barrier – Bridge, Concrete Barrier – Roadway, Cold Plane Asphalt Paving, Concrete Ditch, Minor Concrete Flatwork, Furnish and Place Polyester Concrete, Demolition & Removals, Drill & Bond Dowel, Driven Pile, Erosion Control, Electrical, Fencing & Railing, Guardrail, Grind Existing PCC, Ground Anchors & Structural Concrete, Landscape & Irrigation, Masonry Soundwall, Minor Structures, Overhead Signs, PCC Paving, F&E Precast Girders, Noise & Vibration Monitoring, Pre / Post Construction Survey, Quality Control, Reinforcing Steel, Roadside Signs, Rock Slope Protection, Saw & Seal Concrete, Striping, Treated Wood Waste, Underground, Concrete Pump, Sweeping, Trucking, and Water Truck.

**Requirements:** Skanska is an Equal Opportunity Employer and is requesting quotes from all qualified subcontractors and suppliers. Skanska will assist qualified subcontractors, vendors, & suppliers in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies. If you are a DBE Company, please provide your certification letter with your proposal. If you are a non-DBE, please indicate all lower-tier participation on your quotation as it will be evaluated with your price. In order to assist DBE subcontractors and suppliers, we will divide total requirements into smaller packages, tasks or quantities & establish delivery & construction schedules which will permit maximum participation when feasible. Subcontracting Requirements: Skanska's insurance requirements are Commercial General Liability (GL): \$1M ea. occ., \$1M personal injury, \$2M products & completed operations agg. & general agg.; \$1M Auto Liability; \$5M Excess/Umbrella and \$1M Workers Comp. Endorsements and waivers required are the Additional Insured End., Primary Wording End., & a Waiver of Subrogation (GL & WC). Other insurance requirements may be necessary per scope or RFP requirement. Subcontractors may be required to furnish performance & payment bonds in the full amount of their subcontract by an admitted surety & subject to approval by Skanska. Skanska will pay bond premium up to 1%. Quotations must be valid for the same duration as specified by the Owner for contract award. Conditions or exceptions in Subcontractor's quote are expressly rejected unless accepted in writing. Skanska is signatory to the Operating Engineers, Laborers, Cement Masons, & Carpenters Unions. Subcontractors must provide weekly, one original and one copy of all certified payrolls, including non-performance and fringe benefit statements if required by law or by the Prime Contract. Please note that all Contractors and Subcontractors must register with The DIR (Department of Industrial Relations) in order to bid on public works projects. Include CSLB License Number and DIR Number on all quotes submitted.

**Skanska USA Civil West California District is an Equal Opportunity/Affirmative Action Employer**  
**EEO/AA/Vet/Disability Employer**  
 Estimating Department: 1995 Agua Mansa Rd, Riverside, CA 92509  
 Phone: (951) 684-5360, Fax: (951) 788-2449 • Email: [bids.socal@skanska.com](mailto:bids.socal@skanska.com)

### Stronger Building Services

Is requesting sub bids from Certified DVBE Subcontractors and Suppliers for:

**John Muir Elementary School Reroofing Project**  
**SFUSD Project No. 12291**

**380 Webster St., San Francisco, CA 94117**

**Bid Date: January 27, 2022 • Bid Time: 11:00 a.m.**

**Trades Needed (but not limited to): Rough Carpentry, Demolition, Roofing**

Brief project description:

Removal and replacement of existing built-up tar and gravel roof at flat roof areas and asphalt shingles at sloped roof areas with new thermoplastic-polyolefin (TPO) singly ply roofing and asphalt shingles, respectively where noted. Other work involves roof insulation, sheet metal flashing and trim, gutters downspouts and some wall repairs and elastometric coatings.

Plans and Documents are available at: e-arc.com  
 Stronger Building Services

580 Harlan St. San Leandro, Ca 94577 • Phone: (510) 487-8363 Fax: (510) 487-8246

Contact Ismael Avila

PLEASE INCLUDE A COPY OF YOUR DVBE CERTIFICATION LETTER WITH YOUR BID.

## SKANSKA

**Subcontractor/Supplier Bids/Proposals Requested**  
**Owner: City of San Diego**  
**Contract No. K-22-1797-DBB-3-A**  
**Due Date: February 23, 2022 – 2:00 PM**  
**MBE/WBE/DBE 9% Participation**

Skanska USA Civil West California District Inc. is interested in soliciting in Good Faith all subcontractors as well as certified DBE firms for this project.

**Pure Water Program (PWP)**  
**Morena Conveyance South & Middle and Morena Conveyance Bike Lanes (BL)**

Plans and Specifications are available through registering on our plan site at:

<https://app.buildingconnected.com/projects/61817bad845c1a00c335d399/bid-packages>

**Requested scopes include, but are not limited to the following and should be based on the Contract and its amendments:** Hazardous material disposal, bar reinforcing steel, ready mix concrete, signage, waterproofing, welding, aggregates, HMA paving, erosion control, striping, electrical, mechanical systems, traffic control materials, concrete pumping, and trucking, minor concrete, CCTV, Video Recording, ground penetrating radar, potholing, SWPPP, cathodic protection, dewatering, slurry seal, concrete paving, CML pipe, PVC pipe, waterline, sewer line, cold mill asphalt, water truck and street sweeping.

**Subcontracting Requirements:** Skanska is an Equal Opportunity Employer and is requesting quotes from all qualified subcontractors and suppliers. All interested subcontractors, please indicate all lower tier DBE participation offered on your quotation as it will be evaluated with your price. Skanska will assist qualified subcontractors, vendors, and suppliers in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies. If you are a DBE firm, please provide your certification letter with your proposal. Skanska will also review breaking out scope packages and adjusting schedules to help permit maximum participation.

**Skanska's insurance requirements** are Commercial General Liability (GL): \$1M ea. occ., \$1M personal injury, \$2M products and completed operations agg. and general agg.; \$1M Auto Liability; \$5M Excess/Umbrella and \$1M Workers Comp. Endorsements and waivers required are the Additional Insured End., Primary Wording End., and a Waiver of Subrogation (GL & WC). Other insurance requirements may be necessary per scope or RFP requirement. Subcontractors may be required to furnish performance and payment bonds in the full amount of their subcontract by an admitted surety and subject to approval by Skanska. Quotations must be valid for the same duration as specified by the Owner for contract award. Conditions or exceptions in Subcontractor's quote are expressly rejected unless accepted in writing. Skanska is signatory to the Operating Engineers, Laborers, Cement Masons, and Carpenters Unions. Subcontractors must provide weekly, one original and one copy of all certified payrolls, including non-performance and fringe benefit statements if required by law or by the Prime Contract. All Contractors and Subcontractors must register with the DIR (Department of Industrial Relations) in order to bid on public works projects. Include CSLB License Number and DIR Number on all quotes submitted. In addition, include a signed Form 4500-3 (DBE Subcontractor Performance Form) with your bid.

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 1995 Agua Mansa Rd, Riverside, CA 92509  
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 Lead Estimator: Joe Sidor  
 Email: [bids.socal@skanska.com](mailto:bids.socal@skanska.com)



# WASHINGTON SUB-BID REQUEST ADS

## How to Deal With Teen Workers on the Construction Site

[ Article originally appeared on [www.constructconnect.com](http://www.constructconnect.com) ]

By Ellie Batchiyska,

Although the construction industry is in the midst of a boom, project managers can't seem to find enough qualified workers. As a result, more teenagers and young adults are joining the construction workforce. While construction jobs are an excellent way to teach youth practical skills and to help them gain work experience, they come with some caveats.

Construction can be a hazardous industry, and with many teens lacking the necessary experience, extensive training may be necessary. For employers considering hiring teens for their construction job, there are guidelines and limitations to be aware of.

### Laws Regarding Teen Workers

While the legal age to work varies from state to state, with some states allowing teens to work as young as 14, there are some ground rules that apply across the board:

- Teens under 16 years of age can only perform office and sales tasks in the construction industry.
- Teens aged 16 and older can work on the construction site but are limited to the tasks they can perform.
- The Fair Labor Standards Act (FLSA) dictates that youth under 18 years of age cannot operate the following items:
  - Motor vehicles
  - Power-driven woodworking machines (drills, nail guns, etc.)
  - Forklifts, cranes, hoists, elevators
  - Power-driven metal forming machines
  - Power-driven circular saws, band saws, guillotine shears
  - Wrecking, demolition, shipbreaking equipment
  - Roofing equipment
  - Excavation equipment

That being said, the FLSA can issue exemptions to certain teen apprentices that allows them to participate in more heavy-duty work. However, those workers still need to be supervised and in accordance with other teen labor laws related to the maximum hours that can be worked, shift lengths, and curfews.

### Preparing Teen Workers

While young workers cannot operate heavy machinery or excavate, they can always help with other productive tasks, such as helping carry supplies, hammering, and painting. Even if not engaging in risky work, they should always also be provided with the necessary personal protective equipment (PPE) such as steel-toed boots, hard

**SKANSKA**

**Subcontractor/Supplier Bids/Proposals Requested**  
**Owner: Washington State Department of Transportation - WSDOT**  
**Contract No. 20C502**  
**Revised Due Date: February 9th, 2022 – 11:00 AM**  
**DBE 21% Participation**

Skanska USA Civil West California District Inc. is interested in soliciting in Good Faith all subcontractors as well as certified DBE firms for this project.

**SR 16 and SR 302 (SPUR) Purdy Creek Remove Fish Barriers and Paving**  
**In Pierce County, Washington**

Plans and Specifications are available through registering on our plan site at:  
<https://app.buildingconnected.com/public/59b1c0096ab4570007e09292/projects/61d36e091a842300bdd3ca5b>

Requested scopes include, but are not limited to the following and should be based on Contract and its amendments:

Demolition & removal, Asphalt Paving, Clearing & Grubbing, Drilled Shafts, Erosion & Sediment Control, Electrical, Lighting, Fencing, Guardrail, Metal Railing, Landscaping, Planting, Precast Girder Erection, Reinforcing Steel, Rumble Strips, Signage, Shotcrete, Streambed Restoration, Striping, Temporary Diversion, Traffic Control, Temporary Concrete Barrier, Temporary Attenuators, Trucking and Hauling, Surveying, Extruded Curb, Excavation, Earthwork, Aggregate Base Supply, Piping Material Supply, Temporary Office Trailers, Surveying

**Subcontracting Requirements:** Skanska is an Equal Opportunity Employer and is requesting quotes from all qualified subcontractors and suppliers. All interested subcontractors, please indicate all lower tier DBE participation offered on your quotation as it will be evaluated with your price. Skanska will assist qualified subcontractors, vendors, & suppliers in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies. If you are a DBE firm, please provide your certification letter with your proposal; Skanska will also review breaking out scope packages and adjusting schedules to help permit maximum participation, when feasible. **Skanska's insurance requirements** are Commercial General Liability (GL): \$1M ea. occ., \$1M personal injury, \$2M products & completed operations agg. & general agg.; \$1M Auto Liability; \$5M Excess/Umbrella and \$1M Workers Comp. Endorsements and waivers required are the Additional Insured End., Primary Wording End., & a Waiver of Subrogation (GL & WC). Other insurance requirements may be necessary per scope or RFP requirement. Subcontractors may be required to furnish performance & payment bonds in the full amount of their subcontract by an admitted surety & subject to approval by Skanska. Quotations must be valid for the same duration as specified by the Owner for contract award. Conditions or exceptions in Subcontractor's quote are expressly rejected unless accepted in writing. Skanska is signatory to the Operating Engineers, Laborers, Cement Masons, & Carpenters Unions. Subcontractors must provide weekly, one original and one copy of all certified payrolls, including non-performance and fringe benefit statements if required by law or by the Prime Contract.

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hats, and safety goggles.

The most important, however, is to ensure they are provided with the proper supervision and training. Putting teen workers through a general OSHA training session provides vast benefits, as it allows them to acquaint themselves with the basic hazards and protections.

Still, it is also critical that you ensure teen workers always fully understand the task at hand before you send them off to it – especially in the event a language barrier is present. If they are at risk of any of the “Fatal Four” in their work, they should be reassigned to another task.

Employers and project managers should always ask teen workers to demonstrate proficiency at a manual task before asking them to engage in it. Furthermore, other workers and employees should be instructed to offer guidance whenever possible. And, lastly, protective equipment should be tested for a proper fit. If hard hats, goggles, or fall harnesses are too loose or not correctly secured, young workers may unknowingly be at risk.

### A Ripple Effect

The fact of the matter is, even with the construction industry's labor shortage and the influx of teen workers, many young people are still reluctant to enter the industry. This is largely due to lack of training, and naturally, parental concerns regarding the risks.

Construction jobs can offer teens the opportunity to learn many useful and practical skills, acting as a vocational training. If employers commit themselves to teach young hires the basics, the pool of viable construction candidates will continue to widen. Not only could this lead to benefits for the economy, but increased livelihood for teens from low-income families.

Teens interested in working in the construction industry should find out more about rules and regulations surrounding this through the Department of Labor's YouthRules! website.

**SOURCE:** <https://www.constructconnect.com/blog/deal-teen-workers-construction-site>