

## 5 Major Changes Coming to the Construction Industry in the Future



Image credit by [www.autodesk.com](http://www.autodesk.com)

By *Anastasios Koutsogiannis*,

It's no secret that construction can be very slow when it comes to change. Nevertheless, the advent of new technologies has dramatically contributed toward the modernization of the whole industry. A general need for change has emerged as a result of the serious productivity problems that are noticed in big markets like the United States and the United Kingdom.

Some changes are apparent today and a further re-adjustment of the whole sector is anticipated in the near future. For that reason, we decided to do our research and present to you five of the most noteworthy changes which are about to come in construction:

### 1. Construction Software and Full Integration

First things first, construction software is expected to change our industry once and for all. In fact, it has already done that. More specifically, it has managed to empower the whole construction process by ameliorating the communication between the different parties involved in a project. One of the elements that have made construction software so indispensable has to do with the fact that it allows for the real-time exchange of information between the various

project agents. This means a significant decrease of budget miscalculations and task delays.

What we described in the previous paragraph is the present. But the new era in construction will truly have arrived if we manage to make full integration the rule. The United Kingdom made some very brave steps toward that direction through the BIM Level 2 Mandate. Despite the fact that there still are many complaints on how the British government has handled the issue until today, it can be proved to be a game changer for construction globally.

### 2. Augmented and Virtual Reality

As a continuation of the first point above, augmented and virtual reality are gaining more and more space in construction. AR and VR can truly take the construction processes to the next level. Thanks to this cutting-edge technology, construction managers can now have a detailed overview of the whole project and plan ahead.

On top of that, this virtual projection of the structure's final form can help in preventing costly mistakes and allow for fewer delays. What is more, the better the planning the less the waste of resources given the fact that you will be in a position to know beforehand the exact needs of your construction project.

Furthermore, it also is a big advantage in terms of safety. It's currently very expensive and dangerous to put humans underwater or below ground to work on highly technical tasks requiring precious hand tools. The concept of robotic underwater welders or pipe-fitting robots is currently in use but sparsely. Well before the AI (artificial intelligence) is good enough, VR headsets will allow us to see everything in the field of machines view and control arms and tools to get them done. There will come a day that a crane operator will have the same type of helmet as a modern-day Apache helicopter pilot. This will allow crane operators to get far more precise movements and see all angles of the crane as it swings from one point to another. Again, the price of this modern equipment is currently cost-prohibitive, but the technology for this type of work is already in existence today.

Well before the AI (artificial intelligence) is good enough, VR headsets will allow us to see everything in the field of machines view and control arms and tools to get them done. There will come a day that a crane operator will have the same type of helmet as a modern-day Apache helicopter pilot. This will allow crane operators to get far more precise move-

Continued on page 10



# California Sub-Bid Request Ads



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

#### Subs

Striping & Signage, Demolition, Asphalt Paving, Clear & Grub, CIDH, Biologist, SWPPP Prep, Erosion Control, Landscape, Reinforcing Steel, AC Dike, Cured In Place Pipe, Rumble Strips, Monument Sign, Bridge, Abandon Culverts, Guardrail, Asphalt Grinding, Construction Area Signs, Fencing, Electrical, Minor Concrete, Minor Concrete Structures, Sign Structures, Underground Work, Trucking, Water Trucks, Sweeping

#### Suppliers

CSP & RCP, HMA Material, RHMA Material, Tack Coat Material, Concrete, Aggregate, Misc. Metals, Traffic Control Materials, Erosion Control Materials,

### FOR CONSTRUCTION ON STATE HIGHWAY IN YUBA COUNTY FROM MARYSVILLE ROAD TO THE YUBA RIVER BRIDGE

In District 03 On Route 20

Contract No. 03-0A5704 Federal-Aid Project ACNH- P020 (191)E

DBE Goal 13%

**BID DATE November 20, 2019 @ 2:00 p.m.**

All Quotes Due Prior to Bid Date

**Sukut Construction, LLC**

4010 W. Chandler Avenue, Santa Ana, CA 92704

Contact: Rick Welshiemer

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, via Sukut's FTP site, or may be obtained from Owner. Subcontractors must be prepared to furnish 100% performance and payment bonds and possess current insurance and workers' comp coverage. Sukut Construction will assist Qualified Subcontractors in obtaining bonds, insurance, and/or lines of credit. Please contact Sukut for assistance in responding to this solicitation. Subcontractors/Vendors will be required to sign Sukut's Standard Subcontract/Purchase Order. Copies are available for examination.

Sukut Construction's listing of a Subcontractor in its bid to the agency is not to be construed as an acceptance of all of 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

Request for Ethnic Minority-Owned  
Subcontractors for  
**Planning and Engineering Services for  
the Mokelumne Aqueducts Delta Tunnel**  
**Bid Date: November 8, 2019 at 4:00 PM**

RFP can be downloaded at:  
[https://www.ebmud.com/business-center/  
requests-proposal-rfps/](https://www.ebmud.com/business-center/requests-proposal-rfps/)

Please send proposals to  
[aifx@cowi.com](mailto:aifx@cowi.com) by **October 25, 2019**  
for the following technical services:

**Environmental/Regulatory Permitting,  
Pipeline Engineering, Tunnel Engineering,  
Tunnel Cost Estimating & Scheduling**

Please contact Annie Fougner at  
510-839-8972 with questions or  
for more information.

**COWI North America, Inc.**  
1300 Clay St. Suite 700, Oakland, CA 94612  
An Equal Opportunity Employer



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#### Contact Info:

**795 Folsom Street, 1st Flr, Room 1124**  
**San Francisco, CA 94107**  
**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**



### Proven Management, Inc.

225 3rd Street, Oakland, CA 94607 • Phone: 510-671-0000 • Fax: 510-671-1000

PMI requests proposals/quotes from all qualified and certified Local Small Business (LSB), Minority Business Enterprise (MBE) Women Business Enterprise (WBE) subcontractors, suppliers, and truckers for the following project:

**MARKET STREET ENTRY CANOPIES**  
**BART CONTRACT NO. 15LK-140**

**Bids: 11/12/2019 @ 2pm**  
**LSB GOAL - 23%**

The work includes but is not limited to: Selective Structure Demo; Hazmat Abatement; CIP & Portland Cement Conc; Re-bar; Unit Masonry; Mtl Welding; Str Stl; Mtl Decking; Metal Fab; Decorative Metal; Wood, Plastics & Composites; Ro. Carp.; Plastic Fab; Glass Fiber Molded Grating; Thermal & Moisture Protection; Roof / Deck Insulation; Modified Bituminous Roofing; Overhead Coiling Grilles; Glazing; Finishes; Plaster & Drywall; Tile; Terrazzo Flooring; Painting; Graffiti-Resistant Coatings; Specialties; Signage; Real-Time Information Display; Bird Control Devices; Fire Prot / Plumbing / HVAC; Electrical; Lighting; Communications; Electronic Safety & Security; Earthwork; Dewatering; Controlled Density Fill; Shoring & Underpinning; Excavation Support & Protection; Ext Improvements; Asphalt & Conc Paving; Utilities; Support & Protection of Utilities; Trenching & Backfilling for Utilities; Storm Drainage Utilities.

Bonding, insurance, lines of credit and any technical assistance or information related to the plans & specifications & requirements for the work will be made available to interested LSB, MBE, WBE certified suppliers & subcontractors.

Assistance with obtaining necessary equipment, supplies, materials, or related assistance or services for this project will also be offered to interested LSB/MBE/WBE certified suppliers, subcontractors, truckers. PMI is signatory to the Operating Engineers, Carpenters, and Laborers Collective Bargaining Agreements.

100% Payment & Performance bonds will be required from a single, Treasury-listed surety company subject to PMI's approval. PMI will pay bond premium up to 1.5%. Subcontractors awarded on any project will be on PMI's standard form for subcontract without any modifications. For questions or assistance required on the above, please call.

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# California Sub-Bid Request Ads

## Shimmick Construction Company Inc.

8201 Edgewater Drive, Suite 202 • Oakland, CA 94621

Phone (510) 777-5000 • Fax (510) 777-5099

An Equal Opportunity Employer

LSB and M/WBE Subcontractor/Supplier Bids Requested For:

San Francisco Bay Area Rapid Transit District  
Market Street Entry Canopies  
Contract No. 15LK-140

**BID DATE: November 12, 2019 at 2 p.m.**

Fax all quotes to 510-777-5099 or email to [northwest.esteeming@shimmick.com](mailto:northwest.esteeming@shimmick.com)

Requesting certified LSB and M/WBE Subcontractor and Supplier Quotes on:

*Architectural, Concrete-Building, Demo, Drill-Bond, Earthwork, Electrical, Erosion Control, Flatwork, Rebar, Roofing, Signs, Steel-Erection, Structural Steel, Survey, Traffic Control, Trucking, Utility Work, Welding, Architectural Items, Pipe-Copper Stainless, Pipe-PVC, Ready Mix, Steel-Fab, Valves & Fittings*

Please visit [www.bart.gov/about/business/procurement](http://www.bart.gov/about/business/procurement) for more information. You may also contact Natasha Inglis at [ninglis@shimmick.com](mailto:ninglis@shimmick.com) for access to the documents.

Subcontractors and Suppliers interested in this project may contact Jerry Blazek by email at [jblazek@shimmick.com](mailto:jblazek@shimmick.com).

100% Performance and Payment bonds with a surety company subject to approval of Shimmick Construction Company, Inc. are required of subcontractors for this project. Shimmick Construction will pay bond premium up to 1.5%. Subcontractors will be required to abide by terms and conditions of the AGC Master Labor Agreements and to execute an agreement utilizing the latest SCCI Long Form Standard Subcontract incorporating prime contract terms and conditions, including payment provisions. Shimmick Construction's listing of a Subcontractor is not to be construed as an acceptance of all of the Subcontractor's conditions or exceptions included with the Subcontractor's price quote. Shimmick Construction requires that Subcontractors and Suppliers price quotes be provided at a reasonable time prior to the bid deadline to enable a complete evaluation. For assistance with bonding, insurance or lines of credit contact Scott Fairgrieve at (510) 777-5000.

## Shimmick Construction Company Inc.

8201 Edgewater Drive, Suite 202 • Oakland, CA 94621

Phone (510) 777-5000 • Fax (510) 777-5099

An Equal Opportunity Employer

LSB and M/WBE Subcontractor/Supplier Bids Requested For:

San Francisco Bay Area Rapid Transit District  
A65 and A75 Interlocking Project  
Contract No. 15CQ-125

**BID DATE: November 26, 2019 at 2 p.m.**

Fax all quotes to 510-777-5099 or email to [northwest.esteeming@shimmick.com](mailto:northwest.esteeming@shimmick.com)

Requesting certified LSB and M/WBE Subcontractor and Supplier Quotes on:

*Contaminated Soil, Earthwork, Electrical, Environmental, Erosion Control, Fence, Instrumentation, Railroad, Signs, Survey, Trackwork, Trucking, Welding, Aggregate, Precast-Structural, Railroad Products, Ready Mix*

Please visit [www.bart.gov/about/business/procurement](http://www.bart.gov/about/business/procurement) for more information.

You may also contact Natasha Inglis at [ninglis@shimmick.com](mailto:ninglis@shimmick.com) for access to the documents.

Subcontractors and Suppliers interested in this project may contact Aron Oshio by email at [aoshio@shimmick.com](mailto:aoshio@shimmick.com).

100% Performance and Payment bonds with a surety company subject to approval of Shimmick Construction Company, Inc. are required of subcontractors for this project. Shimmick Construction will pay bond premium up to 1.5%. Subcontractors will be required to abide by terms and conditions of the AGC Master Labor Agreements and to execute an agreement utilizing the latest SCCI Long Form Standard Subcontract incorporating prime contract terms and conditions, including payment provisions. Shimmick Construction's listing of a Subcontractor is not to be construed as an acceptance of all of the Subcontractor's conditions or exceptions included with the Subcontractor's price quote. Shimmick Construction requires that Subcontractors and Suppliers price quotes be provided at a reasonable time prior to the bid deadline to enable a complete evaluation. For assistance with bonding, insurance or lines of credit contact Scott Fairgrieve at (510) 777-5000.



## Kiewit

**Kiewit Infrastructure West Co.**

4650 Business Center Drive Fairfield, CA 94534

Attn: Victor Molina • [norcal.bids@kiewit.com](mailto:norcal.bids@kiewit.com)

Fax: 707-439-7301

Requests sub-bids from qualified California Department of General Services (DGS) certified Local Small Business Enterprises (LSB), Local Micro Small Businesses having a primary business office in the counties of Alameda, Contra Costa and San Francisco and California Unified Certification Program (CUCP) certified Minority/Women Business Enterprise (MBE/WBE) Subcontractors, Consultants, and/or Suppliers seeking to participate in the construction on the Market Street Entry Canopies Project in San Francisco, CA.

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

<http://www.pd.dgs.ca.gov>

[www.bart.gov/ocr](http://www.bart.gov/ocr)

Subcontractors and Suppliers

for the following project:

**Market Street Entry Canopies**

**Contract No. 15LK-140**

**Owner: BART**

**Bid Date: November 12, 2019 by 2:00 P.M.**

**Disadvantaged Business Enterprises (DBEs) and Local Small Businesses (LSB)**

Minority Business Enterprise (MBE), Women Business Enterprise (WBE), Local Small Business Enterprise (LSB), wanted for the following scopes, including, but not limited to:

**AC Paving, Bird Control Devices, CCTV, Concrete - Minor, Concrete Reinforcing, Concrete Supply, Concrete Cast in Place, Concrete Pumping, Demo, Drywall, Electrical, Flooring, Hazardous Abatement, Joint Protection, Masonry, Metals, Metal Decking, Openings, Painting & Coatings, Piping, Plumbing, Quality Control, Roofing, Security, Signage, Structural Steel, Temp Facilities and Traffic Control.**

Bonding, insurance and any technical assistance or information related to the plans or specification and requirements for the work will be made available to interested DBE, MBE, WBE and LSB certified suppliers, service providers and subcontractors. Assistance with obtaining necessary equipment, supplies, materials, or services for this project will be offered to interested certified suppliers, service providers and subcontractors.

**Subcontractor and Supplier Scopes are due November 8, 2019 and Quotes**

**NO LATER THAN November 11, 2019 at 5 PM.**

Plans are available for viewing at our office at our address below and through SmartBidNet (SBN).

All subcontractors that are registered in our SBN database will receive an invitation to bid. Please visit <https://www.kiewit.com/districts/northern-california/overview.aspx> to register your company and to be able to receive bidding information, view plans and specifications.

You can view the plans in our office during regular business hours by appointment.

Performance Bond and Payment Bonds may be required for subcontractors and a suppliers bond for suppliers.

Project Stabilization Agreement (PLA) applies for SF Bay Area Rapid Transit District

Subcontract work shall be signatory to the applicable local union or willing to sign a one-time agreement.

**An Equal Opportunity Employer**

CA Lic. 433176

DIR# 1000001147

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# California Sub-Bid Request Ads

## DESILVA GATES CONSTRUCTION

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

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

### US 101 / HOLLY STREET INTERCHANGE AND POC PROJECT

City Project No. 04-1G6224,  
Federal Project No. SRTSL-5267(018)  
Disadvantaged Business Enterprise Goal  
Assigned is 8.4%

#### OWNER:

CITY OF SAN CARLOS  
600 Elm Street, San Carlos, CA 94070

**BID DATE: OCTOBER 21, 2019 @ 10:00 A.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 DECK RESURFACING, BRIDGE, CELLULAR CONCRETE, CLEARING AND GRUBBING/DEMOLITION, CONCRETE BARRIER, CONSTRUCTION AREA SIGNS, BARRICADE AND CHANNELIZER, DRAINAGE WICK, ELECTRICAL, EROSION CONTROL, FENCING, LANDSCAPING/IRRIGATION, LEAD COMPLIANCE PLAN, METAL BEAM GUARDRAIL, MINOR CONCRETE, MINOR CONCRETE STRUCTURE, PAVEMENT GROOVING, LEAN CONCRETE BASE, ROADSIDE SIGNS, MICRO-SURFACING, STRIPING, SURVEY/STAKING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, TEMPORARY EROSION CONTROL, UNDERGROUND, VEGETATION CONTROL, TRUCKING, WATER TRUCKS, STREET SWEEPING, CLASS 2 AGGREGATE SUBBASE MATERIAL, CLASS 2 AGGREGATE BASE MATERIAL, HOT MIX ASPHALT (TYPE A) MATERIAL, RUBBERIZED HMA (GAP GRADE) MATERIAL.

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 College Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at <ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is [ftp@desilvagates.com](mailto:ftp@desilvagates.com) and password is f7pa55wd) or from the Owner's site at <https://www.cityofsancarlos.org>

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.

## DESILVA GATES CONSTRUCTION

11555 Dublin Boulevard • P.O. Box 2909  
Dublin, CA 94568-2909  
(925) 829-9220 / FAX (925) 803-4263  
Estimator: JACK SHEWMAKER  
Website: [www.desilvagates.com](http://www.desilvagates.com)  
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 101 - CONSTRUCTION ON  
STATE HIGHWAY IN MENDOCINO COUNTY  
NEAR HOPLAND FROM 0.7 MILE SOUTH OF  
GEYSERS ROAD TO HOPLAND OVERHEAD**  
Contract No. 01-466304,  
Federal Aid Project No. ACNH-Q101(359)E  
Disadvantaged Business Enterprise Goal  
Assigned is 14%

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

**BID DATE: OCTOBER 22, 2019 @ 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:

HMA DIKE, ADJUST IRON, ASBESTOS COMPLIANCE PLAN, COLD PLANE, CONCRETE BARRIER, CONSTRUCTION AREA SIGNS, CRACK SEALING, CRASH CUSHION, ELECTRICAL, EMULSION SUPPLIER, FABRIC/GEOSYNTHETIC PAVEMENT INTERLAYER, LEAD COMPLIANCE PLAN, METAL BEAM GUARDRAIL, ROADSIDE SIGNS, RUMBLE STRIP, STRIPING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, TEMPORARY EROSION CONTROL, TRAFFIC CONTROL SYSTEMS, VEGETATION CONTROL, TRUCKING, WATER TRUCKS, STREET SWEEPING, EROSION CONTROL MATERIAL, IMPORTED BORROW, HOT MIX ASPHALT (TYPE A) MATERIAL, RUBBERIZED HMA (GAP GRADE) MATERIAL, SEGMENT CORRECTION.

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 College Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at <ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is [ftp@desilvagates.com](mailto:ftp@desilvagates.com) and password is f7pa55wd) 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 Jack Shewmaker. 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.

## DESILVA GATES CONSTRUCTION

11555 Dublin Boulevard • P.O. Box 2909  
Dublin, CA 94568-2909  
(925) 829-9220 / FAX (925) 803-4263  
Estimator: JACK SHEWMAKER  
Website: [www.desilvagates.com](http://www.desilvagates.com)  
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 99 - STATE HIGHWAY IN MER-  
CED COUNTY IN AND NEAR ATWATER FROM 0.4  
MILE SOUTH OF BUHACH  
OVERCROSSING TO 0.8 MILE NORTH OF  
WEST ATWATER OVERHEAD**

Contract No. 10-3A7204,  
Federal Aid Project No. ACNH-P099(646)E  
Disadvantaged Business Enterprise Goal  
Assigned is 17%

#### OWNER:

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

**BID DATE: OCTOBER 30, 2019 @ 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, CONCRETE BARRIER, CONSTRUCTION AREA SIGNS, ELECTRICAL, EROSION CONTROL, FENCING, MBGR, MINOR CONCRETE, MINOR CONCRETE STRUCTURE, PCC PAVING, ROADSIDE SIGNS, RUMBLE STRIP, SIGN STRUCTURE, STRIPING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, TEMPORARY EROSION CONTROL, UNDERGROUND, VEGETATION CONTROL, TRUCKING, WATER TRUCKS, STREET SWEEPING, CLASS 2 AGGREGATE SUB BASE MATERIAL, HOT MIX ASPHALT (TYPE A) MATERIAL, ASPHALT OIL BINDER.

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 College Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at <ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is [ftp@desilvagates.com](mailto:ftp@desilvagates.com) and password is f7pa55wd) 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 Jack Shewmaker. 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.

SMALL  
**BUSINESS**  
EXCHANGE

# Recap: CONSTRUCT AEC Education & Expo 2019

[ Article was originally posted on  
<https://blog.buildingconnected.com> ]

By *Tony Faccenda*,

The CONSTRUCT AEC Education & Expo is about breaking down barriers and bringing together different disciplines within the construction industry — such as architects, designers, owners, and contractors. It's a conference known for some of the best educational programs on industry trends, best practices, and emerging technologies. This year's show didn't disappoint with more than 50 amazing breakout sessions on all aspects of construction.

From prefabrication to mass timber to adopting collaborative software, a few trends were apparent throughout the conference. Here are some of the top takeaways from the 2019 CONSTRUCT AEC Education & Expo.

## 1. Preconstruction is the new competitive advantage

BuildingConnected's own Angela Santurbano, Lead Product Manager of BC Pro, gave two great presentations on trends surrounding preconstruction. She took the stage at the coffee talk lounge to have a candid conversation on the future of preconstruction. Angela talked to attendees about how preconstruction has evolved over the past decade, where it's headed, and how it's become the biggest opportunity to get ahead in today's competitive market.

Angela's second presentation was on the five qualities of a highly effective preconstruction process. Over the past two decades, construction productivity has only grown on average 1% a year. Angela gave insight into how to solve the productivity problem and improve project outcomes by bringing the preconstruction process into the digital age. This includes all stages of preconstruction; design collaboration, model coordination, estimating, procurement, and risk management. She broke down the five areas of focus and gave an informative demo on BuildingConnected's BC Pro product for owners and general contractors.

## 2. Prefabricated and modularized construction is gaining steam

Prefabrication and modularized construction is taking AEC by storm and transforming the industry. It isn't a new construction concept, but it has become an increasingly popular option to save time and create better quality construction. The global market for modular construction was \$92 billion in 2018 and is projected to grow to \$130 billion by 2023, according to MarketandMarkets Research.

Peter Babaian, Principal at Simpson Gumpertz & Heger, gave an overview of the current state of prefabrication and discussed how to overcome the challenges of using this type of construction. According to Peter, prefabricated panels can be structurally unsound, misaligned, poorly integrated,



**Angela Santurbano, Lead Product Manager of BC Pro**

or improperly constructed. But one of the main ways to overcome these challenges is to make sure project teams recognize the importance of early buy-in from every team member. If everyone isn't in agreement, then it can lead to delays, added costs, and subpar performance.

## 3. Mass timber is becoming more and more popular

Some view mass timber as an architectural fad, but others see it as a viable and cost-effective option, especially for large-scale structural wood systems. These five projects prove that mass timber is here to stay, but it's still a hotly debated topic in the construction industry despite its increasing popularity. David Barber, Principal at Arup, gave an insightful talk about the benefits and limitations of mass timber.

According to David, the main benefits of mass timber are sustainability, aesthetics, and quicker construction times. Despite that, mass timber

still has limitations on how it can be used under the international building code (IBC). This wasn't the only time mass timber was the topic of discussion. The use of cross-laminated timber (CLT), a form of mass timber, was even brought up by Peter Emmons', President at Structural Technologies, as one of the 10 significant trends impacting the AEC community.

Thank you, CONSTRUCT AEC Education & Expo!

It was a pleasure attending the 2019 CONSTRUCT AEC Education & Expo, being able to meet some of the leading construction professionals, and hearing their thoughts on the trends shaping our industry.

### SOURCE:

<https://blog.buildingconnected.com/recap-construct-aec-education-expo-2019/>



# California Sub-Bid Request Ads



## O.C. Jones & Sons, Inc.

1520 Fourth Street • Berkeley, CA 94710  
Phone: 510-526-3424 • FAX: 510-526-0990  
Contact: Jean Sicard

### REQUEST FOR DBE SUBCONTRACTORS AND SUPPLIERS FOR:

**US101/Holly Street Interchange & POC  
City of San Carlos**

**BID DATE: October 21, 2019 @ 10:00 AM**

We are soliciting quotes for (including but not limited to): Trucking, Temporary and Permanent Erosion Control Measures, Lead Compliance Plan, Progress Schedule (Critical Path Method), Construction Area Signs, Traffic Control System, Type III Barricade, Portable Changeable Message Sign, Temp. Crash Cushion, SWPPP, Temporary Dewatering & Non-Stormwater Control System, Storm Water Annual Report, Temporary Fencing, Sweeping, Treated Wood Waste, Clearing & Grubbing, Structure Excavation, Pervious Backfill Material, Lightweight Cellular Concrete Fill, Import Borrow, Underground, Imported Biofiltration Soil, Hydroseed, Compost, Lean Concrete Base, Data Core, AC Dike, Tack Coat, Prime Coat, Cold Plane AC, CIDH Concrete Piling, Prestressing Cast-In-Place Concrete, Structural Concrete, Minor Concrete, Fractured Rib Texture, Drill and Bond Dowel, Polyester Concrete, PTFE Spherical Bearing, Bar Reinforcing Steel, Shotcrete, Roadside Signs, Prepare Bridge Deck Surface, Bridge Removal, Misc. Metal, Underground, Rock Slope Protection, Minor Concrete, Misc. Iron & Steel, Isolation Casing, Bridge Deck Drainage System, Electrical, Fencing, Delineator, Pavement Marker, Object Marker, Midwest Guardrail System, Chain Link Railing, Concrete Barrier, Transition Railing, Striping & Marking, Message Sign, Ramp Metering System, Fiber Optic System, Wall Graphics, Color Changing Lighting, Metal Arc, Porcelain Enamel Graphics-Pilasters, Micro-Surfacing Ground Anchors, Bridge Grazing Lighting, and Construction Materials

#### An Equal Opportunity Employer

Jean Sicard (510-809-3411)(jsicard@ocjones.com) is the estimator on this project and he is available to provide assistance or answer questions regarding the project scope of work including bid requirements, break out of bid items, plan or specification interpretation, bonding or insurance requirements, and other bid assistance. Plans and specs are available to review at our Berkeley office, or can be sent out via Building Connected. PDF format quotes should be emailed to the estimator or faxed to 510-526-0990 prior to noon on the date of the bid. Quotes from DBE Subcontractors, Suppliers and Truckers are highly encouraged. OC Jones is willing to breakout any portion of work to encourage DBE participation. Subcontractors must possess a current DIR, Contractors License, and insurance and workers compensation coverage including waiver of subrogation. OC Jones may require Performance and Payment bonds on subcontracts. OC Jones will pay the bond premium up to 2% of the contract value.

All subcontractors are required to execute OC Jones' standard subcontract agreement, comply with all insurance requirements, and name OC Jones as additional insured. Copies of our agreement and insurance requirements are available upon request. OC Jones is a Union contractor, and we are signatory to the Operating Engineers, Laborers, Teamsters, and Carpenters. OC Jones is an Equal Opportunity Employer



## O.C. Jones & Sons, Inc.

1520 Fourth Street • Berkeley, CA 94710  
Phone: 510-526-3424 • FAX: 510-526-0990  
Contact: Greg Souder

### REQUEST FOR DBE SUBCONTRACTORS AND SUPPLIERS FOR:

**Cold Plane AC Pavement, RHMA (Gap Graded)  
Overlay, and Replace Guardrail  
Hwy 101 Mendocino County Near Hopland  
Caltrans #01-466304**

**BID DATE: October 22, 2019 @ 2:00 PM**

We are soliciting quotes for (including but not limited to): Trucking, Temporary and Permanent Erosion Control Measures, Lead Compliance Plan, Progress Schedule (Critical Path Method), Construction Area Signs, Traffic Control System, Flashing Arrow Sign, Type III Barricade, Flashing Beacon, Portable Changeable Message Sign, Water Pollution Control Program, Asbestos Compliance Plan, Treated Wood Waste, Dust Control Plan (Naturally Occurring Asbestos), Imported Borrow, Wood Mulch, Crack Treatment, Asphalt Binder, Geosynthetic Pavement Interlayer, Date Core, AC Dike, Tack Coat, Cold Plane AC, Adjust Monument Cover to Grade, Guard Railing Delineator, Pavement Marker, Roadside Signs, Midwest Guardrail System, Vegetation Control (Minor Concrete), Wildlife Passageway, Transition Railing, Alternative In-Line Terminal System, Severe-Duty Crash Cushion, Rumble Strip, Remove Barriers and Railing, Concrete Barriers and Transitions, Striping & Marking, Electrical and Construction Materials

Greg Souder (510-809-3430 [gsouder@ocjones.com](mailto:gsouder@ocjones.com)) is the estimator on this project and he is available to provide assistance or answer questions regarding the project scope of work including bid requirements, break out of bid items, plan or spec interpretation, bonding or insurance requirements, and other bid assistance. Plans and specs are available to review at our Berkeley office, or can be sent out via Building Connected. Plans are also available under the Advertised Projects tab at the Caltrans website at: <http://ppmoe.dot.ca.gov/des/oe/contract-awards-services.html>. PDF format quotes should be emailed to the estimator or faxed to 510-526-0990 prior to noon on the date of the bid. Quotes from DBE Subcontractors, Suppliers and Truckers are highly encouraged. OCJ is willing to breakout any portion of work to encourage DBE participation. Subcontractors must possess a current DIR, Contractors License, and insurance and workers compensation coverage including waiver of subrogation. OCJ may require Performance and Payment bonds on subcontracts. OCJ will pay the bond premium up to 2% of the contract value. All subcontractors are required to execute OC Jones' standard subcontract agreement, comply with all insurance requirements, and name OCJ as additional insured. Copies of our agreement and insurance requirements are available upon request. OCJ is a Union contractor, and we are signatory to the Operating Engineers, Laborers, Teamsters, and Carpenters. OCJ is an Equal Opportunity Employer.

Visit [www.sbeinc.com](http://www.sbeinc.com) to  
download the latest  
SBE Newspaper and SBE E-Newsletter



## O.C. Jones & Sons, Inc.

1520 Fourth Street • Berkeley, CA 94710  
Phone: 510-526-3424 • FAX: 510-526-0990  
Contact: Jean Sicard

### REQUEST FOR DBE SUBCONTRACTORS AND SUPPLIERS FOR:

**Crack, seal and overlay with  
RHMA AND HMA, and replace culverts  
Hwy 101 Healdsburg  
Caltrans #04-0J6424**

**BID DATE: November 14, 2019 @ 2:00 PM**

We are soliciting quotes for (including but not limited to): Trucking, Temporary and Permanent Erosion Control Measures, Lead Compliance Plan, Progress Schedule (Critical Path Method), Construction Area Signs, Traffic Control System, Portable Changeable Message Sign, SWPPP, Rain Event Action Plan, Storm Water Sampling & Analysis, Sweeping, Vibration Monitoring, Treated Wood Waste, Noise Monitoring, Temporary High-Visibility Fence, Clearing & Grubbing, Shoulder Backing, Pervious Backfill Material, Soil Densification (High Density Polyurethane), Planting & Irrigation, Hydroseed, Compost, Lean Concrete Base Rapid Setting, Crack Treatment, AC Dike, Geosynthetic Pavement Interlayer (Paving Fabric), Tack Coat, Cold Plane AC, Jointed Plain Concrete Pavement, Individual Slab Replacement, Grinding, CIDH Concrete Pile, Structural Concrete, Paving Notch Extension, Architectural Surface (Barrier), Clean Expansion Joint, Joint Seal, Bar Reinforcing Steel, Sign Structure, Alternative Pipe Culvert, Concrete Backfill, Filter Fabric, Underground, Adust Utilities to Grade, Cleaning, Inspecting, and Preparing Culvert, Clean Drainage Facility, Sand Backfill, Machine Spiral Wound PVC Pipeliner, Rock Slope Protection, Detectable Warning Surface, Minor Concrete, Misc. Iron & Steel, Prepare and Stain Concrete, Fencing, Delineator, Pavement Marker, Roadside Signs, Midwest Guardrail System, Asphalt Composite Vegetation Control, Single Thrie Beam Barrier, Alternative In-Line Terminal System, Crash Cushion, Concrete Barrier, Striping & Marking, Electrical, Temporary Active Treatment System, Crack Pavement, Grind Concrete Pavement, Grated Line Drain, Rumble Strip, and Construction Materials.

Jean Sicard (510-809-3411 [jsicard@ocjones.com](mailto:jsicard@ocjones.com)) is the estimator on this project and he is available to provide assistance or answer questions regarding the project scope of work including bid requirements, break out of bid items, plan or spec interpretation, bonding or insurance requirements, and other bid assistance. Plans and specs are available to review at our Berkeley office, or can be sent out via Building Connected. Plans are also available under the Advertised Projects tab at the Caltrans website at: <http://ppmoe.dot.ca.gov/des/oe/contract-awards-services.html>. PDF format quotes should be emailed to the estimator or faxed to 510-526-0990 prior to noon on the date of the bid. Quotes from DBE Subcontractors, Suppliers and Truckers are highly encouraged. OCJ is willing to breakout any portion of work to encourage DBE participation. Subcontractors must possess a current DIR, Contractors License, and insurance and workers compensation coverage including waiver of subrogation. OCJ may require Performance and Payment bonds on subcontracts. OCJ will pay the bond premium up to 2% of the contract value. All subcontractors are required to execute OC Jones' standard subcontract agreement, comply with all insurance requirements, and name OCJ as additional insured. Copies of our agreement and insurance requirements are available upon request. OCJ is a Union contractor, and we are signatory to the Operating Engineers, Laborers, Teamsters, and Carpenters. OCJ is an Equal Opportunity Employer.

FREE

# MEET THE PRIMES NETWORKING EVENT 2019

## TUESDAY, NOVEMBER 5, 2019

Joseph P. Bort MetroCenter  
(Conveniently located across from Lake Merritt BART Station)  
101 8th Street, Oakland, CA 94607



**Registration:** 12:30 p.m. – 1:00 p.m.



**Networking:** 1:00 p.m. – 3:00 p.m.

**RSVP AT: <https://hoc2019meettheprimes.eventbrite.com/>**



Plan to market your products and services to BOC agencies and primes in the areas of construction, professional services, architecture, engineering and other businesses. Bring your business card, capability statement, resume and project experience. Plan to make a connection with one or more prime contractors!

Receive valuable information from resource partners including **FREE DBE Supportive Services**.

**PARTICIPATING PRIMES / Please see the RSVP page for a full list of exhibitors.**

AECOM	Hill International, Inc.	STV Incorporated
Balfour Beatty	HNTB Corporation	The Dutra Group
Granite Construction Company	McGuire & Hester	WSP
Hatch Mott MacDonald	Swinerton	

### RESOURCE PARTNERS



### PRESENTED BY



The BOC serves our disadvantaged and small business communities. It is the policy of the member agencies participating in the Business Outreach Committee that small businesses owned and controlled by socially and economically disadvantaged individuals are provided equal opportunity to participate in the construction, professional service and procurement activities of their agencies.



# Public Legal Notices

## UNIVERSITY OF CALIFORNIA, IRVINE MEDICAL CENTER

Subject to conditions prescribed by the University of California, Irvine Medical Center, sealed bids for a Lump-Sum Contract are invited for the following project:

**Fashion Island, Wellness Center  
Project No. 994657**

**ESTIMATED CONSTRUCTION COST: \$1,700,000**

**LICENSE CLASS REQUIRED: B**

**PROJECT DURATION: 150 calendar days**

**GENERAL DESCRIPTION OF WORK:** Build-out ~7209 SF of existing space on 2161 San Joaquin Hills Road, Newport Beach, CA 92660. The buildout will create a wellness clinic to include approx. 14 exam rooms, 1 office, 3 treatment rooms, 1 procedure room, a waiting and reception area, and administrative work-space that will serve coastal population.

**PROCEDURES:** Bid documents are available beginning on Tuesday, October 22, 2019 at 4:00 p.m. upon request to Kim Kerwin @ khau@uci.edu.

**BIDDER QUALIFICATIONS:** The successful Contractor will be required to have the following California contractor's license (s): active at the time of submission of the Bid:

### B, General Building Contractor

Bidders will be required to submit a completed Statement of Qualifications for themselves and their MEP subcontractors. Bidders that do not submit a completed Statement of Bidder's Qualifications or do not meet the University's requirements for relevant project experience, financial ability to complete the project, safety record and professional conduct will not be eligible for award.

**MANDATORY PRE-BID CONFERENCE:** The Pre-Bid Conference and Job Walk will be conducted on **Thursday, October 24, 2019 at 10:00 am** at 2161 San Joaquin Hills Road, Newport Beach, CA 92660. Contractors arriving after **10:00 am** will not be eligible to participate in the bid process as a General Contractor. Only bidders who participate in both the pre-bid conference and the job walk in their entirety will be allowed to bid on the Project as General Contractors.

**BID SUBMITTAL REQUIREMENTS:** Sealed bids will be received only at: UCI Medical Center, Planning Administration, Building 27, Room 136, 101 The City Drive South, Orange, CA 92868, on or before **2:00 pm** on **Friday, November 22, 2019**.

Every effort will be made to ensure that all persons have equal access to contracts and other business opportunities with the University within the limits imposed by law or University policy. Each Bidder may be required

to show evidence of its equal employment opportunity policy. The successful Bidder and its subcontractors will be required to follow the nondiscrimination requirements set forth in the Bidding Documents and to pay prevailing wage at the location of the work.

The work described in the contract is a public work subject to section 1771 of the California Labor Code.

No contractor or subcontractor, regardless of tier, may be listed on a Bid for, or engage in the performance of, any portion of this project, unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 and 1771.1.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

The successful Bidder shall pay all persons providing construction services and/or any labor on site, including any University location, no less than the UC Fair Wage (defined as \$15 per hour as of 10/1/17) and shall comply with all applicable federal, state and local working condition requirements.

For additional information contact **Kim Kerwin, Project Governance Manager at (714) 456-5735**.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

University of California, Irvine  
Rev. October 15, 2019

## OAKLAND UNIFIED SCHOOL DISTRICT

Oakland Unified School District  
Department of Facilities Planning  
and Management  
955 High Street Oakland CA 94601

### REQUEST FOR QUALIFICATIONS AND PROPOSALS (RFO/P)

Site Survey Services  
for Various School Sites

October 16, 2019 (Issued)

**Responses must be received November 6, 2019,  
no later than 2:00 p.m.**

The Oakland Unified School District ("District") is requesting proposals from experienced firms, partnerships, corporations, associations, persons or professional organizations ("Consultants") in order to create a pre-qualified pool of surveyors for future school projects.

Interested firms are invited to submit a completed Statement of Qualifications ("SOQ") along with the Fee Schedule Proposal (collectively "RFQ/P Packet") as described below, with one (1) unbound original, five (5) bound copies and a PDF version on a flash drive of requested materials to:

Oakland Unified School District  
Tadashi Nakadegawa, Acting Executive Director  
Department of Facilities Planning and Management  
955 High Street, Oakland, CA 94601

Oral, telegraphic, facsimile, telephone or email RFQ/P Packets will not be accepted. RFQ/P Packets received

after this date and time will not be accepted and returned unopened. The District reserves the right to waive any informalities or irregularities in the RFQ/P Packets. The District also reserves the right to reject any and all RFQ/P Packets.

If you have any questions regarding this RFQ/P please email Kenya Chatman, Acting Director at kenya.chatman@ousd.org, and cc: to Colland Jang, School Facilities Planning Consultant at colland.jang@ousd.org.

**LOCAL, SMALL LOCAL AND SMALL LOCAL RESIDENT BUSINESS ENTERPRISE PROGRAM** The Local Business Utilization Policy requires that there is a mandatory fifty percent (50%) LBU participation with a 25% or less Local Business (LBE) participation and a 25% or more Small Local or Small Local Resident Business (SLBE/SLRBE) participation for all capital program/construction-related contracts and professional services agreements. The full version of OUSD's latest Local, Small Local and Small Local Resident Business Enterprise Program can be found by going to the OUSD home page: [ousd.org](http://ousd.org) > Offices and Programs > Facilities Planning & Management Department > For Contractors and Developers > Bids and Requests for Proposals > Bid Information > 2014 Amendment to Local Business Participation Policy.

Go to the link below to upload copy of full RFP.

<http://www.ousd.org/cms/lib/CA/01001176/Centricity/Domain/95/RFQ-P%20for%20Site%20Survey%20Services%20v2.0%20FINAL%201.pdf>

The District reserves the right to reject any and all proposals.

### Outreach November 2019

**Get free, trusted help with your citizenship application!**

The San Francisco Pathways to Citizenship Initiative provides free legal help from community immigration service providers at our free workshops. Resources for the citizenship application fee are available onsite. Learn more at [sfcitizenship.org](http://sfcitizenship.org)

When: Sunday, November 24, 2019. Registration is open from 9:30 am - 12:30 pm. No appointment needed!

Where: Chinatown YMCA, 855 Sacramento Street, San Francisco, CA 94108

**Apply to become a census taker!**

Every 10 years, the U.S. Census Bureau is responsible for conducting the nationwide census. The Census Bureau is recruiting now to fill important temporary positions with great pay (\$30/hour) and flexible hours for Spring 2020. Be a Census Taker and make a difference in your community! Apply online NOW at [2020census.gov/jobs](http://2020census.gov/jobs).

Child support matters can be complicated, stressful, and confusing. The Department of Child Support Services helps parents understand the process so they know their rights and options for making and receiving support payments. Call us today at (866) 901-3212 or visit our office at 617 Mission Street to learn how we can help you. Information is also available online at [www.sfgov.org/dcss](http://www.sfgov.org/dcss).

**Let Your Career Take Off at SFO  
Discover Why SFO is a Great Place to Learn, Earn, Grow and Thrive**

With jobs in all parts of the airport, from cargo and security, to airlines and concessions, companies at SFO are always hiring!

Visit [flysfo.com/careers](http://flysfo.com/careers) or call 650.821.5242 to learn about job openings and the benefits of working at the Bay Area's largest airport.

Come see your local government at work!  
**Board of Supervisors Regularly Scheduled Board Meetings  
November and December Meetings**

The Board of Supervisors hold weekly meetings most Tuesdays at 2:00 p.m. in Rm. 250 of San Francisco City Hall.

• Nov. 5 • Nov. 12 • Nov. 19 • Dec. 10 • Dec. 17  
LANGUAGE INTERPRETATION AVAILABLE UPON REQUEST

CHINESE.... SPANISH.... FILIPINO

Requests must be received 48 hours in advance required for interpretation. For more information see the Board of Supervisor's website [www.sfbos.org](http://www.sfbos.org), or call 415-554-5184.

CNS-3305927#





# Public Legal Notices

**OAKLAND UNIFIED SCHOOL DISTRICT**

**OAKLAND UNIFIED SCHOOL DISTRICT  
ADVERTISEMENT AND NOTIFICATION  
FOR ANNUAL PREQUALIFICATION  
2019-2020**

Notice is hereby given that the governing board of the Oakland Unified School District (“District”) is prequalifying certain contractors on the District’s state-funding eligible lease-leaseback projects.

It is mandatory that all of the following contractors who intend to submit a bid or proposal for District Projects, fully complete the District’s prequalification questionnaire, provide all materials requested therein, and be approved by the District to be on the final prequalified contractors list. If a contractor has been prequalified by the District within the past three (3) years, that contractor may complete the District’s “renewal” prequalification questionnaire for a total of three (3) years. The District will notify contractors of their three (3) year anniversary date in the contractor’s prequalification letter.

This prequalification requirement applies to the following contractors:

- A contractor with an A, B, C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43, and/or C-46 license(s) that intends to bid as a contractor (prime contractor) directly to the District for design-bid-build and lease-leaseback projects.
- A contractor with a C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43, and/or C-46 license(s) that intends to submit proposals as a first-tier subcontractor to a general contractor (prime contractor) that is bidding directly to the District for design-bid-build and lease-leaseback projects.

Contractors must complete the District’s form. No other prequalification documents submitted by a contractor will meet the District’s requirements and all forms must be submitted on the most recent respective forms. **Certified Local/Small Local Resident Business Enterprise contractors shall be prequalified pursuant to the District’s Prequalification for Prospective Certified Local/Small Local Resident Bidders. PLEASE NOTE: A PRIME CONTRACTOR FOR WHICH THEY HOLD THE APPROPRIATE LICENSE IS AUTOMATICALLY QUALIFIED TO BE PLACED ON THE SUB LIST.**

All contractors shall submit completed prequalification documents as follows:

Location	Date
La Juana.Lewis@ousd.org	<b>First-Tier Subcontractors and General (Prime) Contractors and Certified Local, Small Local and Small Local Resident Business Enterprise Subcontractors must be submitted by:</b>  <b><u>December 31, 2020</u></b>

Prequalification packages are available for pick-up at the following location: Oakland Unified School District, 955 High Street, Oakland, CA 94601. Prequalification packages can also be obtained from the District’s website at: [www.ousd.org](http://www.ousd.org), by going to: “Offices & Programs > “Facilities Planning & Management Department” > “For Contractors & Developers” > “Bids & Request for Proposals” > Bid Information > Scroll down to Pre-qualification.

The District will notify each contractor that submits a prequalification package if it meets the prequalification requirements. Prequalified contractors will be eligible to bid on the District’s projects that are within a contractor’s bonding and financial capacity. Contractors will be placed on the District’s Qualified Bidders List for one (1) calendar year following the date of initial prequalification. The District reserves the right to request any contractor update its prequalification forms on an annual basis and/or the right to revoke, suspend, or rescind a contractor’s prequalification status due to a contractor’s change in status or the failure to update information. The prequalification questionnaire answers and financial statements submitted by contractors are not public records and are not open to public inspection. All information provided will be kept confidential to the extent permitted by applicable law.

**DEPARTMENT OF MOTOR VEHICLES (DMV)**

**Parking Lot Repair, Seal, and Stripe Services for Parking Lots I and K at DMV Headquarters.  
Project No. 19-315**

Provide the DMV all labor, tools, materials, equipment, supervision, travel, and permits necessary to repair, seal, and stripe Parking Lots I and K at DMV Headquarters for the term of this Agreement. The Contractor is responsible for field verifying all dimensions and existing site conditions pertinent to this Agreement.

A mandatory pre-bid conference is scheduled at 9:00 a.m. on 10/29/19 at 2415 First Ave., Sacramento, CA 95818. Meeting in the lobby.

The bidder shall possess a valid A contractor license issued by the California Department of Consumer Affairs, Contractors State License Board (CSLB). All subcontractors that the bidder intends to utilize to perform work under the contract shall possess all applicable contractor licenses for the work they shall perform under the contract. All bidder and subcontractor contractor licenses shall be in good standing from the time of the bid opening through the term of the contract.

Successful bidder shall furnish all applicable bonds (e.g., Bidder’s Bond) and must pay prevailing wages. Awarded Contractor shall be required to provide Payment Bond. (Estimate: \$333,656.00)

Bid Opening: 11/13/19 at 3:00 p.m.

This Invitation for Bid is advertised in the California State Contracts Register through Cal eProcure at: <http://www.dgs.ca.gov> .

10/10, 10/17/19

CNS-3302443#

SMALL BUSINESS EXCHANGE

# 5 Major Changes Coming to the Construction Industry in the Future



## Continued from page 1

ments and see all angles of the crane as it swings from one point to another. Again, the price of this modern equipment is currently cost-prohibitive, but the technology for this type of work is already in existence today.

### 3. Next Generation Tools

There are always going to be better and more powerful tools. This has been the case for thousands of years. But the next generation of tools are different. These devices and robots come with their own software, that's a different story. The software comes with updates and eventually machine learning. This means the average low-level worker is potentially replaceable in 20 years. But we have to keep in mind that emerging technology takes the form of software and hardware. A great example of extraordinary hardware technology undoubtedly is exoskeletons.

Exoskeletons are devices that allow workers to get more efficiency out of all movements while also being able to lift, carry, and pull more. They can reduce daily strain and provide an additional element of safety on site. However, these robots are still far too expensive for the benefit they provide at the moment. They're much more likely to be seen after 10 or more years when the software is flawless, batteries are improved, and the price drops.

### 4. New Workforce Type

By now, it's clear that construction is rapidly changing and that a new reality for the whole sector will emerge in the near future (if it hasn't al-

ready). This will, of course, have a strong impact on the profile of the industry and by extension on its workforce type. Construction has a unique opportunity to attract skillful and educated young professionals. The advent of new technologies in combination with the extensive use of software has started transforming construction to a promising career field.

If we also take into account the serious construction labor shortage that the industry has to undergo at the moment, this is great news! As our sector changes, it becomes obvious that construction can finally provide long-term career options for a new technological savvy workforce. To get a clearer understanding of what this means, think about it like this: In 2017, there are still construction companies working on pen and paper to complete most of their projects. There is a younger generation that's more comfortable with technology rising quickly. When this generation gets into leadership roles in the top construction companies, there will be an expedited shift towards futuristic solutions.

To get a clearer understanding of what this means, think about it like this: In 2017, there are still construction companies working on pen and paper to complete most of their projects. There is a younger generation that's more comfortable with technology rising quickly. When this generation gets into leadership roles in the top construction companies, there will be an expedited shift towards futuristic solutions.

### 5. Green Construction

Last but certainly not least, green construction! The amelioration of the construction process in con-

junction with the productivity increase allows for a 'greener' construction process to arise. The ultimate goal, in this case, is the establishment of sustainable building as the prevailing construction procedure. It goes without saying that, it requires tons of work and effort before this ambition comes to life on a greater scale.

In short, green construction can have some great benefits not only for our industry but for our environment and everyday lives. More specifically, it can help in reducing energy waste, increasing productivity and establishing higher living and aesthetic standards. There still are many who are reluctant toward green construction due to the higher cost during the construction process. Nonetheless, this is not correct if we consider the full living cycle of the building. A sustainable building structure can be much more beneficial in the long run. That is why green building is an option that has to be thoroughly explored in the near future.

### Conclusion

All in all, it becomes apparent that many things are about to change within the construction industry. A new era is approaching thanks to cutting-edge technology. Construction software has surely played a crucial role in this change and for many, it is expected to be the basis on which the rest of the changes in construction will eventually be established.

**SOURCE:** [www.constructconnect.com](http://www.constructconnect.com)