

3 Construction Industry Trends for 2018

MSI Data highlights three of the biggest trends construction contractors should prepare for this year to stay ahead of the competition



By **Mrinal Gokhale**,

After making it through the many hurricanes and other natural disasters in 2017, the construction industry has a promising year ahead. The Associated General Contractors Construction Industry Hiring and Business Outlook survey showed that 75% of construction firms plan to expand payroll this year. However, the survey also showed that workforce shortage and lack of funding are still a challenge.

Below are the biggest trends construction companies should prepare for this year to stay ahead of their competition.

1. High end technologies promote transparency, safety and cost savings

According to KPMG, the Internet of Things (IoT) is expensive in construction but is still becoming more common in the industry. Also known as connected machines, IoT enabled devices collect and send equipment data over a central network, which enables preventative maintenance. Additionally, drones, virtual reality and robotics are revolutionizing the construction industry this year and beyond.

Wearables for site safety

Construction injuries and deaths have been rampant in the U.S. for 50+ years. Every year, companies launch new wearables that monitor heart rate, bodily rotation, external temperature, and other physical factors to detect danger before it's

too late. Some sensor empowered products in construction are gloves, helmets, wrist watches, goggles and utility vests.

Example: Spot-R by Triax wearable clips sense the number of workers at a certain site. Typically, project managers tell certain workers to wear these clips so they know who is using what equipment. To increase safety on a jobsite, Triax clips use a built-in gyroscope to measure the user's angular velocity. The device can alert supervisors when someone falls or trips, and a worker can also press a button to request immediate help if injured. Triax clips also have a feature to warn workers when to evacuate a site if needed.

Drones simplify inspections and estimating

Commercial drone technology has been popular since 2010. In construction, drones are particularly good for effectively deploying crew members. Also called "unmanned aerial vehicles," drones fly around a building to collect data, complete inspections, and track project progress. Surveyors use drones for 3D mapping, so that laborers don't have to work on extreme heights and risk injuries. Some companies use drone based cameras to show customers how far along a project is coming.

Example: Uplift Data Partners was named one of the top drone companies to watch for in 2018 by UAVCoach.com. Uplift's drones capture 3D data up to five centimeters, which provides construc-

tion performance insights while reducing waste. These drones work all the way from the preconstruction to site commissioning phases, so employees don't make mistakes with tasks like quantity tracking, concrete layout and schedule tracking. Uplift also offers 2D photo and video capturing features to improve quality control and minimize liability in a project lifecycle.

2. Workforce shortage still problematic despite abundant job openings

The U.S. private housing sector has an increased demand for new homes, but 73% of firms are having difficulty recruiting qualified laborers, according to an Associated General Contractors survey. The shortage in the west coast is particularly hard hitting because 75% of western contractors reported difficulty filling jobs. To address the issue, Stephen E. Sandher, CEO of Associated General Contractors, stated in a press release that the Trump Administration should "deliver its promise to boost investments on infrastructure." He also believes Congress should pass a Perkins Act to increase the quality of technical education in the U.S.

■ Continued on page 7

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Small Business Exchange
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California Sub-Bid Request Ads

**PROJECT: Interchange Improvements – I-215 @ Scott Road
Menifee, CA. Riverside County – Project No. B3-0689
OWNER: COUNTY OF RIVERSIDE**

**BID DATE: APRIL 25TH, 2018 BID TIME: 2:00 P.M.
Please respond by 5:00 p.m., APRIL 24TH, 2018
THIS PROJECT HAS AN 11 % DBE GOAL**

Coffman Specialties, Inc. (CSI) is requesting quotes from all qualified subcontractors and suppliers especially **certified DBE firms** for the following items of work, including but not limited to:

- TRUCKING / IMPORT BORROW
- EQUIPMENT RENTAL
- LEAD COMPLIANCE PLAN / ADL WORK
- SWPPP / WPC
- SURVEY / QC
- CONSTRUCTION AREA & ROADSIDE SIGNS
- PAVEMENT MARKING / STRIPING
- TRAFFIC CONTROL
- WATER TRUCK
- EARTHWORK / GRADING / ROADWAY EXCAVATION
- EROSION CONTROL
- METAL BEAM GUARD RAIL (MBGR) / FENCING
- STREET SWEEPING
- REBAR
- CONCRETE / MINOR CONCRETE
- ASPHALT / ASPHALT PAVING / ASPHALT DIKE
- COLD PLANING / PULVERIZING
- CLEAR & GRUB
- ELECTRICAL
- LANDSCAPING
- ROCK SLOPE PROTECTION
- STORMDRAIN / UNDERGROUND UTILITIES
- AGGREGATE SUPPLY / AGGREGATE BASE
- DEMOLITION / BRIDGE REMOVAL

Coffman Specialties, Inc. is signatory to Operating Engineers, Laborers, Teamsters, Cement Masons and Carpenters unions. Quotations must be valid for the same duration as specified by the Owner for contract award. Insurance and 100% Payment & Performance Bonds will be required, and will pay up to 1.5% for the cost of the bond. Waiver of Subrogation will be required. We will provide assistance/advice with obtaining Bonds/Insurance/Credit/Equipment/Materials and/or supplies. ****Subcontractors must provide a current contractor's license number and Department of Industrial Relations (DIR) current registration number with their quote.**

Plans and specs are available at no cost to interested firms. Please contact our office @ (858) 536-3100, email us: estimating@coffmanspecialties.com or you can visit our San Diego Office. We are an EOE & seriously intend to negotiate with qualified firms.

**Please send quotes via email to estimating@coffmanspecialties.com or via fax to (858) 586-0166

If you have any questions or need further information, please contact Gus Rios or Marty Keane @ (858) 536-3100



9685 Via Excelencia,

92126

Ste 200 • San Diego, CA

Phone: (858) 536-3100 • Bid Fax: (858) 586-0164 • e-mail inquiries to: estimating@coffmanspecialties.com

Shimmick Construction Company Inc.

8201 Edgewater Drive, Suite 202 • Oakland, CA 94621
Phone (510) 777-5000 • Fax (510) 777-5099

LBE & DBE Subcontractor/Supplier Bids Requested For:
San Francisco Public Utilities Commission

**General Contractor: Sundt/Walsh, A Joint Venture
SEWPCP New Headworks Facility Scope 1 – Site Preparation Rebid
Contract No. WW-628-01**

BID DATE: May 14, 2018 at 2:00PM

Fax all quotes to 510-777-5099 or email to northwest.estimated@shimmick.com

Requesting certified LBE & DBE Subcontractor and Supplier Quotes on: **Rebar, Structural Concrete, Yard Piping, Process Piping, Trench Excavation, Construction Testing, Painting and Coating**

Contract Documents are subject to a non-disclosure agreement.

Please contact Jamie Helmick at jhelmick@shimmick.com for more information.

Bidders are hereby notified that work to be performed under this contract will be in full or in part financed by the Clean Water State Revolving Fund (SRF), administered by the United States Environmental Protection Agency (US EPA) and the State Water Resources Control Board (SWRCB). The Bidder shall comply with all applicable terms and conditions, special provisions, and reporting requirements, as set forth in these specifications, and as may be required by federal law, rule, or regulation. Refer to Contract Section 00 48 10.01 for more information.

Subcontractors and Suppliers interested in this project may contact Bill Johnson by email at bjohnson@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.

DBE SUBCONTRACTORS/SUPPLIER BIDS REQUESTED

**CONTRACT NO. C51209C1166
RAIL TO RAIL ACTIVE TRANSPORTATION
CORRIDOR CONNECTOR PROJECT,
LOS ANGELES, CA.**

**BID/PROPOSAL SUBMITTAL DATE:
MAY 01, 2018 AT 2:00 PM**

**OWNER: LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION
AUTHORITY (METRO)**

**PERFORMANCE/PAYMENT/
SUPPLY BOND MAY BE REQUIRED**

THIS ADVERTISEMENT IS IN RESPONSE TO METRO'S DBE PROGRAM. GRIFFITH COMPANY INTENDS TO CONDUCT ITSELF IN "GOOD FAITH" WITH DBE FIRMS REGARDING PARTICIPATION ON THIS PROJECT. DRAWINGS AND SPECS WILL BE REVIEWED IN OUR OFFICE **MONDAY THROUGH FRIDAY, 8:00 AM TO 5:00 PM.** QUOTES ARE REQUIRED BY COB, APRIL 25, 2018, SO THAT ALL BIDS CAN BE FAIRLY EVALUATED. PLEASE SUBMIT BIDS FOR THE FOLLOWING WORK (BUT NOT LIMITED TO): **STRIPING, LANDSCAPE, FENCING, SURVEY, QC, TRUCKING, EQUIPMENT RENTAL, ASPHALT BASE, SWPPP/QSP, CONCRETE, SITE FURNISHINGS, ELECTRICAL SUPPLIER, AND MISC.**

GRIFFITH COMPANY

CONTACT: DAN LEEPER, PROJECT MANAGER
AND/OR

JASON SPEAR, CHIEF ESTIMATOR

12200 BLOOMFIELD AVE.,

SANTA FE SPRINGS, CA. 90670

T: 562/929/1128 – F: 562/864/8970

REQUEST FOR CERTIFIED SBE
SUBCONTRACTORS, SUPPLIERS &
TRUCKERS FOR:

**Coyote Creek Levee Rodent Damage Repair
Downstream of SR 237
Santa Clara Valley Water District
Contract No. C0637**

Milpitas, Santa Clara County

Bid Date: April 25, 2018 @ 2:00 PM

Work types requested, but are not limited to, the following: **Chain Link Fabric Mesh, Class 2 AB, Clearing and Grubbing, Construction Materials, Hydroseeding, Levee and Embankment Excavation, Prepare SWPPP, Traffic Control, Trucking, and Vegetation Removal.**

Plans and Specifications are available for review at our office, or can be downloaded online from www.valleywater.org/construction

Call Serina Sirna for assistance in obtaining bonds, line of credit, insurance and scheduling accommodations.

Gordon N. Ball, Inc.

333 Camille Ave., Alamo, CA 94507

www.ballconco.com

Contact: Serina Sirna

Phone: (925) 838-5675 Fax: (925) 838-5915

estimating@ballconco.com

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California Sub-Bid Request Ads

Guy F. Atkinson
Requests

Sub-bids from All Qualified & Certified DBE Subcontractors/Suppliers
for:

County of Riverside Transportation Department Interstate 215 at Scott Road Interchange Improvements in Riverside County in the Cities of Murrieta and Menifee County Project No. B3-0689

Bids Wednesday, April 25, 2018

Description of Work, Services & Supply (but not limited to): INTERCHANGE IMPROVEMENTS & NEW OVERCROSSING: Aggregate Base, Alternative Pipe Culvert (18", 24", 36"), Anti-Graffiti Coating, Architectural Treatment, Asphalt Paving, Bar Reinforcing Steel (bridge, retaining wall), Chain Link Fence, CIDH (24", 60"), Clear and Grub, Concrete Barrier (various types), Corrugated Steel Pipe (24", 36", 48", 66"), Data Core, Demolition, Electrical, Erosion Control, Erosion Control Supply, Fractured Rib Texture, Furnish/Install Sign Structure (truss), Furnish Single Sheet Aluminum Signs (various sizes), Hot Mix Asphalt Dike, Joint Seals, Landscaping, Landscaping Supply, Lean Concrete Base, Metal Railing, Midwest Guardrail System, Minor Concrete, Miscellaneous Iron and Steel, Pavement Marking, Reinforced Concrete Pipe (18", 24", 36"), Remove Culvert, Roadside Signs, Rock Slope Protection, Rock Slope Protection Fabric, Street Sweeping, Structural Concrete, Tack Coat, Temporary Railing (Type K), Temporary Traffic Screen, Thermo Pavement Marking, Thermo Traffic Stripe, Traffic Stripe, Trucking, Welded Steel Pipe Casing (24").

REFER TO PROJECT SPECS FOR COMPLETE BID ITEM LIST.

ENGINEER'S ESTIMATE is \$31,500,000 - \$37,500,000

11% DBE Project Goal

*****Lower Tier DBE participation is greatly encouraged*****

Guy F. Atkinson

License # 1004388

18201 Von Karman Ave, 8th Floor, Irvine, CA 92612

socal.esteeming@atkn.com | Phone: 949-382-7145 | Fax: 949-553-0252

Guy F. Atkinson is a union contractor and an Equal Opportunity Employer. Atkinson is signatory to the Carpenters, Cement Masons, Laborers and Operating Engineers Unions. 100% Performance & Payment Bonds from an approved surety company will be required for subcontractors with contract value greater than \$100,000. Atkinson will pay the cost of bonds up to 2.0%. We will assist in obtaining necessary equipment, supplies, materials or related services. We will split items of work (see project specs for full list of bid items) and provide assistance for bonding, LOC and insurance where needed. Prices must stay firm for 120 days per Bid Notice. Subcontractors will be expected to sign Atkinson's standard subcontract and to comply with our company's standard insurance requirements which include a waiver of subrogation. Please provide your contractor's license #, DBE cert # and DIR # with your quote. Atkinson requests that subs and vendors register and prequalify in our online system at <https://www.atknextranet.com> prior to bidding.

Plans and specs are available from the Riverside County Transportation Department.

The Supplemental Project Info and Addendum 1 are available online at <http://rctma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

Or contact Atkinson to view and download all bid documents through our online service, BuildingConnected.

Please contact Atkinson with any questions or for help with your bid.

CAHILL CONTRACTORS, LLC

Requests bids from Certified SBE

Subcontractors and Suppliers for the following DESIGN BUILD TRADES:

Exterior Building Maintenance / Elevators

(DESIGN ASSIST) / Signage / Fire Sprinkler / Solar Hot Water / Shoring & Underpinning / Crane Service

681 FLORIDA STREET FAMILY HOUSING - EARLY BID (DESIGN BUILD TRADES)

681 Florida Street, San Francisco, CA 94110

This is a SFCMD project with construction workforce and prevailing wage requirements.

BID DATE: 5/8/18 @ 2PM

Voluntary Pre-bid Meeting:

4/23/18 @ 10AM, Cahill's Office

BID DOCUMENTS: Please contact Colby for access to documents on BuildingConnected.

CAHILL CONTRACTORS, LLC

Colby Smith at estimating@cahill-sf.com

(415) 677-0611



Kiewit

Kiewit Infrastructure West Co.

4650 Business Center Drive Fairfield, CA 94534

Attn: Victor Molina · norcal.bids@kiewit.com

Fax: 707-439-7301

Requests sub-bids from qualified Subcontractor, Consultants, and/or Suppliers seeking to participate in the Sacramento Regional County Sanitation District of Sacramento County, Channel Aeration Blower Project in Elk Grove, CA.

<http://www.epa.gov/> / <http://www.sba.gov/> / www.californiaucp.org

Subcontractors and Suppliers for the following project:

EchoWater - Channel Aeration Blower Project - Contract No. 4385

Owner: Sacramento Regional County Sanitation District

Bid Date: May 2, 2018 @ 1:00 P.M.

Disadvantaged Business Enterprises (DBEs)

Minority Business Enterprise (MBE), Women Business Enterprise (WBE), Small Business Enterprise (SBE), Small Business in a Rural Area (SBRA), Labor Surplus Area Firm (LSAF), or Historically Underutilized Business (HUB) Zone Businesses wanted for the following scopes, including, but not limited to:

Asbestos & Lead Abatement, Asphalt Paving, Aggregates, Carpentry, Cathodic Protection, Minor Concrete, Concrete Pumping, Concrete Ready-mix, Concrete Reinforcement Supply & Install, Concrete Forms, Precast Concrete, Concrete Accessories, Clear & Grub, Grouting, Coiling Doors/Doors & Frames, Earthwork, Erosion Control, Electrical, Equipment, FRP Fabrications, Finishes, Fire/Security Alarms, Fire-Suppression Systems & Protection, Geosynthetics, HVAC, Instrumentation & Controls, Joint Sealant, Masonry, Metals, Openings, Paintings & Coatings, Plumbing, Piping & Valves, Public Address System, Quality Control, Roof Decking, Specialties, Signage, Street Sweeping, SWPPP, Support of Excavation, Structures, Thermal & Moisture Protection, Trucking & Hauling.

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 CUCP, MBE, SBE, SBRA, LSAF or HUB Certified DBE business suppliers and subcontractors. Assistance with obtaining necessary equipment, supplies, materials, or services for this project will be offered to interested certified suppliers and subcontractors.

Subcontractor and Supplier Scopes are due April 27, 2018 and Quotes

NO LATER THAN May 1, 2018 at 4 P.M.

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 <http://www.kiewit.com/districts/northern-california/overview.aspx> to register your company to be able to receive bidding information.

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

100% Performance Bond and Payment Bonds are required for this project.

Davis-Bacon Act

Buy American Requirements Apply

Owner Controlled Insurance Program (OCIP) Applies

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DIR # 1000001147





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

DANVILLE VARIOUS STREETS & ROADS PRESERVATION PROJECT (SYCAMORE VALLEY ROAD & EL CERRO BOULEVARD PAVEMENT REHABILITATION – OBAG GRANT FUNDED)

Federal Aid Project No. STPL-5434(021)
Disadvantaged Business Enterprise Goal
Assigned is 5%

OWNER:

TOWN OF DANVILLE,
510 La Gonda Way, Danville, CA 94526
BID DATE: April 12th, 2018 @ 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:

Adjust Iron, Bridge, Clearing and Grubbing/Demolition,
Cold Plane, CPM Scheduling Consultant, Electrical,
Joint Seal, Lead Compliance Plan, Minor Concrete, Paving
Fabric, Roadside Signs, Striping, SWPPP Prep/Water
Pollution Control Plan Prepare, Underground, Truck-
ing, Water Trucks, Street Sweeping, Hot Mix Asphalt
(Type A) 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](ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com) and password is [f7pa55wd](ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com)) or from the Owner's site at <http://www.danville.ca.gov/Government/RFPs-and-Bids/>

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

If you need DBE support services and assistance in obtain-
ing bonding, lines of credit, insurance, necessary equip-
ment, 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). 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 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
An Equal Opportunity Employer

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

CALTRANS ROUTE 20 – CONSTRUCTION ON STATE HIGHWAY IN YUBA COUNTY IN AND NEAR MARYSVILLE FROM BUCHANAN STREET TO 0.1 MILE EAST OF LEEVE ROAD, Contract No. 03-1G0104, Federal Aid Project No. ACNH-P020(183)E Disadvantaged Business Enterprise Goal Assigned is 13%

OWNER:

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

BID DATE: APRIL 25, 2018 @ 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, CONSTRUCTION AREA SIGNS, CRACK
SEALING, ELECTRICAL, EMULSION SUPPLIER,
LEAD COMPLIANCE PLAN, PAVEMENT MILL-
ING, ROADSIDE SIGNS, STRIPING, SWPPP/WATER
POLLUTION CONTROL PLAN PREPARATION,
TRAFFIC CONTROL SYSTEMS, TRUCKING, WA-
TER TRUCKS, STREET SWEEPING, CLASS 2 AG-
GREGATE BASE MATERIAL, HOT MIX ASPHALT
(TYPE A) 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](ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com) and password is [f7pa55wd](ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com)) or from the Owner's site at 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

If you need DBE support services and assistance in obtain-
ing bonding, lines of credit, insurance, necessary equip-
ment, 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). 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 employer.

DESILVA GATES CONSTRUCTION

11555 Dublin Boulevard • P.O. Box 2909
Dublin, CA 94568-2909
(925) 829-9220 / FAX (925) 803-4263
Estimator: **JIM YACKLEY**
Website: www.desilvagates.com
An Equal Opportunity Employer

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

CONSTRUCTION OF SOUTHFIELD PAVEMENT IMPROVEMENTS, SOUTH FIELD OAKLAND INTERNATIONAL AIRPORT, OAKLAND, CA AIP 3-06-0170-(FUTURE)

OWNER:

PORT OF OAKLAND
Board of Port Commissioners,
530 Water Street, Room 629,
Oakland, CA 94607

BID DATE: APRIL 19, 2018 @ 12:00 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:

COLD PLANE, CRACK SEALING, ELECTRICAL,
EMULSION SUPPLIER, JOINT SEAL, MINOR
CONCRETE, ROADWAY EXCAVATION, STRIP-
ING, SURVEY/STAKING, SWPPP/WATER POLLU-
TION CONTROL PLAN PREPARATION, TESTING,
TRUCKING, WATER TRUCKS, STREET SWEEP-
ING, CLASS 2 AGGREGATE BASE MATERIAL,
HOT MIX ASPHALT (TYPE A) 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](ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com) and password is [f7pa55wd](ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com)) or from the Owner's site at <http://www.portoakland.com/Bids>

Fax your bid to (925) 803-4263 to the attention of Estimator
Jim Yackley. 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

If you need DBE support services and assistance in obtain-
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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). 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
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will be a PREVAILING WAGE JOB. DGC is an equal
opportunity employer.

Southern California construction jobs: Only 3 states hired more workers!



Southern California's new hires boosted the combined construction workforce in the region to 361,600. Only those three states, plus New York, have more people toiling in building industries. (MARK RIGHTMIRE, STAFF PHOTOGRAPHER)

By Jonathan Lansner,

For all the chatter about shortages of real estate in Southern California, it's worth noting the local construction industry is hiring more workers than 47 other states.

In the four counties covered by the Southern California News Group, 27,900 construction workers were added in the 12 months ended in February, or so says my trusty spreadsheet's analysis of federal employment data tallied by the Associated General Contractors of America.

How big is that? Well, imagine if the region comprised of Los Angeles, Orange, Riverside and San Bernardino counties were a state. This local construction hiring spree would have been topped in job creation by only California, Texas and Florida.

Southern California's new hires boosted the combined construction workforce in the region to 361,600. Only those three states, plus New York, have more people toiling in building industries.

And only seven states had a faster hiring pace, on a percentage-point basis, than Southern California's 8 percent year-over-year growth in construction jobs.

It all starts in the nation's hottest market for construction workers: the Inland Empire.

Industry jobs in Riverside and San Bernardino counties rose by 12,000 employees in a year, or

13 percent, tops among all metropolitan areas tracked. The Inland Empire's 101,700 construction workers make it the nation's seventh-largest building-industry workforce.

Los Angeles County had the nation's fourth-largest increase in construction workers: up 7,700 in a year, or 6 percent growth. L.A.'s 140,300 construction workers make the county the nation's No. 2 market behind New York.

Orange County added 6,300 construction workers since February 2017. That's the eighth-largest increase nationally. The 7 percent growth pushed the county's building-industry employment to 103,100, No. 6 in the U.S.

Building booms aren't just a Southern California thing. The contractors' association noted construction employment increased in the year ended in February in 36 states and 257 out of 358 U.S. metro areas.

Growing opportunity begets growing challenges. Industry insiders are frequently expressing frustration at the shortage of skilled workers needed to complete projects.

Nationwide construction unemployment, which historically runs well-above other industries, fell by a full percentage-point in a year to 7.8 percent in February, the lowest level for that month this century. And U.S. construction bosses had 250,000 job openings in January, the highest hiring need to start a year since 2007.

"Tight labor markets, particularly for qualified construction workers, is making it increasingly difficult for firms to find people to bring on board," said Ken Simonson, the association's chief economist said of the national picture.

For workers, the construction's hiring boom means industry pay is rising in a business that historically has paid decent wages.

Federal salary data show Orange County with the region's top-paid construction workers: averaging \$69,576 annualized in 2017's first three quarters, the latest stats available. That's up 6.2 percent in a year and 18 percent over five years.

Los Angeles County construction workers' pay ran at \$61,845 annualized, up 4.4 percent in a year and 14 percent over five years. Building-industry pay in Riverside County averaged \$54,149, up 3.2 percent in a year and 16 percent over five years. While in San Bernardino County, it was \$58,136 — up 5.5 percent in a year and 12 percent since 2012.

Construction bosses, like most managers, don't enjoy paying up for talent. So you can bet those rising labor costs will increase what any project costs — from housing to commercial real estate to the all infrastructure that supports a growing society.

SOURCE: www.ocreger.com



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: **ERIC ALLRED**
Website: www.desilvagates.com
An Equal Opportunity Employer

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

**CALTRANS FOR CONSTRUCTION ON
STATE HIGHWAY IN SANTA CLARA COUNTY
IN SAN JOSE FROM ROUTE 85/101
SEPARATION TO GUADALUPE RIVER BRIDGE
CONTRACT NO. 04-3K6504**

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

BID DATE: April 24th, 2018 @ 2:00 P.M.

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

AC DIKE, COLD PLANE, CONSTRUCTION AREA SIGN, ELECTRICAL EMULSION SUPPLIER, TRAFFIC CONTROL SYSTEMS, HOT MIX ASPHALT (TYPE B) MATERIAL AND RUBBERIZED HMA (OPEN 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](ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com) and password is [f7pa55wd](ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com)) or from the Owner's site at 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 Eric Allred. 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

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). 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 employer.

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
An Equal Opportunity Employer

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

**CALTRANS ROUTE 20
CONTRACT NO. 03-0G1204
STATE HIGHWAY IN SUTTER COUNTY NEAR
MERIDIAN FROM 0.1 MILE EAST OF MERIDIAN
ROAD TO SUTTER BYPASS BRIDGE
Federal Aid Project No. ACNH-P020(182)E
Disadvantaged Business Enterprise Goal
Assigned is 10%**

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

BID DATE: April 26TH, 2018 @ 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, Cold Plane, Construction Area Sign, Minor Concrete Structure, Object Markers/ Delineators, Rumble Strip, SWPPP Prep/ Water Pollution Control Plan Prepare, Vegetation Control, Trucking, Water Trucks, Street Sweeping, Shoulder Backing 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 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](ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com) and password is [f7pa55wd](ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com)) or from the Owner's site at 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

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). 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 employer.



Kiewit

**Kiewit Infrastructure West Co.
4650 Business Center Drive Fairfield, CA 94534
Attn: Victor Molina • norcal.bids@kiewit.com
Fax: 707-439-7301**

Requests bids from certified SF Contract Monitoring Division (CMD) Small and Micro-LBEs, CUCP and SBA certified Disadvantaged Business Enterprises (DBE) Subcontractors, Consultants, and/or Suppliers seeking to participate in the SFPUC, SEWPCC New Headworks Facility Scope 1 Site Preparation Project in San Francisco, CA.

<http://www.sfgov.org/cmd> / <http://www.epa.gov/>
<http://www.sba.gov/> / <http://www.californiaucp.org>

Subcontractors and Suppliers for the following project:

**SEWPCC New Headworks Facility Scope 1
Site Preparation Project
Contract No. WW-628-01**

**Owner: San Francisco Public Utilities
Commission**

Bid Date: May 14, 2018 @ 2:00 P.M.

**Small/Micro Local Business Enterprises (LBEs)
Disadvantaged Business Enterprises (DBEs)**

Disabled Veteran Business Enterprises (DVBE), Minority Business Enterprises (MBE), Women Business Enterprises (WBE), Small Business Enterprises (SBE), Small Businesses in a Rural Area (SBRA), Labor Surplus Area Firms (LSAF), or Historically Underutilized Business (HUB) Zone Businesses wanted for the following scopes, including, but not limited to:

Aggregates, Cellular Concrete, Concrete Supply, Concrete Pumping, Concrete Reinforcement Supply & Install, Precast Concrete, CIDH, CLSM, Crew Transportation, Dewatering, Fencing, Groundwater Monitoring, Piping, Shoring, Street Sweeping, SWPPP, Trucking & Hauling and Water Truck.

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 SF CMD certified, Small/Micro SB LBE and CUCP, MBE, SBE, SBRA, LSAF OR HUB certified DBE suppliers and subcontractors. Please visit SFPUC website: <http://sfgov.org/cmd/surety-bond-assistance-program-1> for their Bond Assistance Program. Assistance with obtaining necessary equipment, supplies, materials, or services for this project will be offered to interested certified suppliers and subcontractors.

Subcontractor and Supplier Scopes are due

May 7, 2018 and

Quotes NO LATER THAN May 11, 2018 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 <http://www.kiewit.com/districts/northern-california/overview.aspx> to complete the SFPUC Confidentiality Agreement, register your company and 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, where applicable.

Clean Water State Revolving Fund (CWSRF)

Provisions apply

Project Labor Agreement applies

Prevailing Wage apply

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CA Lic. 433176

DIR # 1000001147

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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

LBE & DBE Subcontractor/Supplier Bids Requested For:
San Francisco Public Utilities Commission
General Contractor: Sundt/Walsh, A Joint Venture
SEWPCP New Headworks Facility Scope 1 – Site Preparation Rebid
Contract No. WW-628-01
BID DATE: May 14, 2018 at 2:00PM

Fax all quotes to 510-777-5099 or email to northwest.esteeming@shimmick.com

Requesting certified LBE & DBE Subcontractor and Supplier Quotes on: **Rebar, Structural Concrete, Yard Piping, Process Piping, Trench Excavation, Construction Testing, Painting and Coating**

Contract Documents are subject to a non-disclosure agreement.
 Please contact Jamie Helmick at jhelmick@shimmick.com for more information.

Bidders are hereby notified that work to be performed under this contract will be in full or in part financed by the Clean Water State Revolving Fund (SRF), administered by the United States Environmental Protection Agency (US EPA) and the State Water Resources Control Board (SWRCB). The Bidder shall comply with all applicable terms and conditions, special provisions, and reporting requirements, as set forth in these specifications, and as may be required by federal law, rule, or regulation. Refer to Contract Section 00 48 10.01 for more information.

Subcontractors and Suppliers interested in this project may contact Bill Johnson by email at bjohnson@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.



O.C. Jones & Sons, Inc.
 1520 Fourth Street • Berkeley, CA 94710
 Phone: 510-526-3424 • FAX: 510-526-0990
 Contact: Jean Sicard

REQUEST FOR DVBE
 SUBCONTRACTORS AND SUPPLIERS FOR:

Construct Auxiliary Lane
Hwy 99 Sacramento
Caltrans #03-1H3804

BID DATE: April 17, 2018 @ 2:00 PM

We are soliciting quotes for (including but not limited to): Trucking, Lead Compliance Plan, Construction Area Signs, Traffic Control System, Traffic Plastic Drum, Portable Changeable Message Sign, Water Pollution Control Program, Sweeping, Treated Wood Waste, Biologist, Clearing & Grubbing, Subgrade Enhancement Geotextile, Wood Mulch, Bonded Fiber Matrix, Compost, Geosynthetic Pavement Interlayer, Tack Coat, Cold Plane AC, Rail Element Wall, CIDH Concrete Pile, Sign Structure, Culvert Slurry-Cement Backfill, Minor Concrete, Delineator, Pavement Marker, Milepost Marker, Roadside Signs, Midwest Guardrail System, Striping & Marking, Rumble Strip, Electrical and Construction Materials.

An Equal Opportunity Employer

100% Performance & Payment Bonds may be required. Worker's Compensation Waiver of Subrogation required. Please call OCJ for assistance with bonding, insurance, necessary equipment, material and/or supplies. OCJ is willing to breakout any portion of work to encourage DBE Participation. Plans & Specs are available for viewing at our office or through the Caltrans Website at www.dot.ca.gov/hq/esc/oe/weekly_ads/index.php.

Looking for Subcontractors, Vendors, and Suppliers?



Advertise your Sub-Bid Requests in the **Small Business Exchange.**

With a monthly readership of 75,000, SBE reaches a diverse audience, cutting across ethnic and gender lines as well as traditional industry segments.
 Call 1-800-800-8534 or visit us at www.sbeinc.com

3 Construction Industry Trends for 2018

Continued from page 1

Framing crews and independent contract jobs hardest to fill

In 2017, the NAHB conducted a survey on labor shortage and found that 77% of builders were short on framing crews. Rough and finished carpenters came in second and third place. As a result, contractors take longer to finish projects. Hurricane Harvey and Irma damages total \$290 million, which means the impacted regions may struggle the most as a result of the shortage.

Initiatives encourage Millennials to learn the skilled trades

A 2017 survey by National Association of Home Builders found that only 3% of young adults wanted to pursue construction based careers.

Millennials often perceive the skilled trades as dirty and dead end. To combat the stigma, many contractors partner with organizations to educate middle and high school students about the high end technology used in the trades and how rewarding the work can be. For example, Mosby Building Arts has a yearly Tradeswork initiative. Each year, the program recruits five apprentices between ages 18 to 25. Apprentices gain hands on, paid experience in construction and may apply for full time employment with Mosby upon finishing the apprenticeship.

3. Hurricane damage encourages more green building

The damages from Hurricane Harvey and Irma left many families homeless, which is a reminder of how important it is to use quality building

materials. To recover from the hurricanes, local governments are taking a "resiliency" approach to implementing green building to withstand the elements of nature. In November 2017, 15 cities, counties and state governments approved initiatives that are focused on funding infrastructure improvements.

Example: The Rockefeller Center created 100 Resilient Cities to help cities in the world survive earthquakes, fires, floods, as well as issues like unemployment, hunger, violence, and other shocks. Atlanta and Chicago are two examples of U.S. cities in the network. To address hurricane damage specifically, the program calls for better building codes and greenways along low bayous.

SOURCE: www.forconstructionpros.com

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