

Robots break new ground in construction industry



Bichen Wu, center, and Ed Walker use a laptop to determine what an autonomous bulldozer is seeing at Built Robotics Wednesday, Feb. 21, 2018, in San Francisco. Backed by Silicon Valley money, tech startups are developing self-driving bulldozers, drones to inspect work sites and robot bricklayers that can lay bricks faster than human and work without lunch breaks. (AP Photo/Marcio Jose Sanchez)



In this photo taken Jan. 26, 2018, Mike Moy, an assistant plant manager for Lehigh Hanson Cement Group, inspects a Kespry drone he uses to survey inventories of rock, sand and other building materials at a mining plant in Sunol, California. (AP Photo/Terry Chea)

By Terence Chea,

As a teenager working for his dad's construction business, Noah Ready-Campbell dreamed that robots could take over the dirty, tedious parts of his job, such as digging and leveling soil for building projects.

Now the former Google engineer is turning that dream into a reality with Built Robotics, a startup that's developing technology to allow bulldozers, excavators and other construction vehicles to operate themselves.

"The idea behind Built Robotics is to use automation technology make construction safer, faster and cheaper," said Ready-Campbell, standing in a dirt lot where a small bulldozer moved mounds of earth without a human operator.

The San Francisco startup is part of a wave of automation that's transforming the construction industry, which has lagged behind other sectors in technological innovation.

Backed by venture capital, tech startups are developing robots, drones, software and other technologies to help the construction industry to boost speed, safety and productivity.

Autonomous machines are changing the nature of construction work in an industry that's

struggling to find enough skilled workers while facing a backlog of building projects.

"We need all of the robots we can get, plus all of the workers working, in order to have economic growth," said Michael Chui, a partner at McKinsey Global Institute in San Francisco. "As machines do some of the work that people used to do, the people have to migrate and transition to other forms of work, which means lots of retraining."

Workers at Berich Masonry in Englewood, Colorado, recently spent several weeks learning how to operate a bricklaying robot known as SAM. That's short for Semi-Automated Mason, a \$400,000 machine which is made by Victor, New York-based Construction Robotics.

The machine can lay about 3,000 bricks in an eight-hour shift - several times more than a mason working by hand.

SAM's mechanical arm picked up bricks, covered them with mortar and carefully placed them to form the outside wall of a new elementary school. Working on a scaffold, workers loaded the machine with bricks and scraped off excess mortar left behind by the robot.

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Public Legal Notices

UNIVERSITY OF CALIFORNIA, IRVINE MEDICAL CENTER

ANNOUNCEMENT TO PREQUALIFIED BIDDERS

UC Irvine invites sealed bids for a lump sum contract for the **University of California, Irvine Medical Center (UCIMC) B1A, 1st Floor, ED Renovations – Increment 2** project at UC Irvine Medical Center in Orange, CA.

Description of Work: This project will build out the enclosed abandoned north ambulance canopy to provide the ED Department with a new staff lounge, restrooms and showers, storage, (7) exam bays, (1) airborne infection isolation exam room and a patient toilet. Work includes interior demolition, structural framing, MEP, fire suppression, finishes and equipment installation.

Project completion time: 280 calendar days

Estimated Cost: \$1,700,000

Bid Documents available from UCIMC Planning Administration at 2 pm on Thursday, March 29, 2018.

Prequalified Bidders: **2H Construction, Inc.**, Signal Hill, CA, (562) 424-5567; **C.A. Granger Construction, Inc.**, Orange, CA 92868, (714) 744-1626, **De La Secura, Inc., dba DLS Builders**, Orange, CA, (714) 998-3790; **Kemp Bros. Construction, Inc.**, Santa Fe Springs, CA (562) 236-5000; **Kitchell Contractors, Inc.**, San Diego, CA 92121, (858) 947-5144, **KPRS Construction Services, Inc.**, Brea, CA, (714) 672-0800 and **Layton**

Construction Co., Inc., Irvine, CA 92618, (949) 453-8300.

License Requirement: Current and active “B” General Contractor CA contractor’s license.

Bid Submittal Requirements: Sealed Bids due 2:00 pm, Monday, April 23, 2018 at: UCIMC Planning Administration, Building 27, Room 136, UCI Medical Center, 101 The City Drive South, Orange, CA 92868. Bids will be opened at: 2:05 pm, Monday, April 23, 2018, Building 27, Room 134, UCI Medical Center. Contract will be awarded to lowest responsive bidder.

Mandatory Pre-Bid Conference: Friday, April 6, 2018, Pre-Bid Conference and Site Visit promptly at 9:00 am at UCIMC Building 27, Conf. Room 116, 101 The City Dr. South, Orange, CA 92868. ONLY prequalified bidders attending can submit Bids.

Required Bid Security: 10% bid security. Surety issuing bid bond shall be an *admitted surety insurer (as defined in the CA Code of Civil Procedure Section 995.120)* at bid deadline.

Additional Requirements: Successful Contractor and subs must follow nondiscrimination requirements in Bid Docs and pay prevailing wages at location of Work.

Every effort will be made to ensure that all persons shall have equal access to contracts and other business opportunities with the University, regardless of: race; color; religion; sex; age; ancestry; national origin; sexual orientation; physical or mental disability; veteran’s status; medical condition;

genetic information; marital status; gender identity; pregnancy; service in the uniformed services; or citizenship within the limits imposed by law or University’s policy.

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 \$13 per hour as of 10/1/15, \$14 per hour as of 10/1/16, and \$15 per hour as of 10/1/17) and shall comply with all applicable federal, state and local working condition requirements.

Contact Elita Dao at (714) 456-8842, ecjohnso@uci.edu or Kim Kerwin at (714) 456-5735, khu@uci.edu

For other opportunities, <http://www.ucirvine-health.org/planning-administration>

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA University of California, Irvine Medical Center

Robots break new ground in construction industry

Continued from page 1

The goal, said company president Todd Berich, is to use technology to take on more work and keep his existing customers happy. “Right now I have to tell them ‘no’ because we’re at capacity,” he said.

Bricklayer Michael Walsh says the robot lessens the load on his body, but he doesn’t think it will take his job. “It ain’t going to replace people,” Walsh said.

The International Union of Bricklayers and Allied Craftworkers isn’t too concerned that robots will displace its members anytime soon, according to policy director Brian Kennedy.

“There are lots of things that SAM isn’t capable of doing that you need skilled bricklayers to do,” Kennedy said. “We support anything that supports the masonry industry. We don’t stand in the way of technology.”

The rise of construction robots comes as the building industry faces a severe labor shortage.

A recent survey by the Associated General Contractors of America found that 70 percent of construction firms are having trouble finding skilled workers.

“To get qualified people to handle a loader or a haul truck or even run a plant, they’re hard to find right now,” said Mike Moy, a mining plant manager at Lehigh Hanson. “Nobody wants to get their hands dirty anymore. They want a nice, clean job in an office.”

At his company’s mining plant in Sunol, California, Moy is saving time and money by using a drone to measure the giant piles of rock and sand his company sells for construction.

The autonomous quadcopter can survey the entire 90-acre site in 25 minutes. Previously, the company hired a contractor who would take a whole day to measure the piles with a truck-mounted laser.

The drone is made by Silicon Valley-based Kespry, which converts the survey data into detailed 3-D maps and charges an annual subscription fee for its services. The startup also provides drones and mapping services to insurance companies surveying homes damaged by natural disasters.

“Not only is it safer and faster, but you get more data, as much as ten to a hundred times more data,” said Kespry CEO George Mathew. “This becomes a complete game changer for a

lot of the industrial work that’s being accomplished today.”

At Built Robotics, Ready-Campbell, the company’s founder and CEO, envisions the future of construction work as a partnership between humans and smart machines.

“The robots basically do the 80 percent of the work, which is more repetitive, more dangerous, more monotonous,” he said. “And then the operator does the more skilled work, where you really need a lot of finesse and experience.”

Built Robotics recently used its automated bulldozer - retrofitted with sensors and autonomous driving technology - to grade the earth on a construction site in San Jose. The project allows the startup to both test its technology and generate some revenue.

“I’m very excited about where autonomous machines could be used in our industry,” said Kyle Trew, a contractor who worked with Built Robotics on the San Jose project. “Hopefully I can use this as a tool to get an edge on some of my competitors.”

SOURCE: <http://www.herald-dispatch.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: **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:

**THE RESURFACING OF PORTIONS
OF VARIOUS ROADWAYS IN
THE UNINCORPORATED CASTRO VALLEY
AREA OF ALAMEDA COUNTY
Specification No. 2355
Minority/Women-Owned Business Enterprise
Goal Assigned is 15% MBE and 5% WBE**

OWNER:

**COUNTY OF ALAMEDA
951 Turner Court, Room 300, Hayward, CA 94545**

BID DATE: MARCH 29TH, 2018 @ 2:00 P.M.

We hereby encourage responsible participation of local Minority/Woman-Owned Business Enterprises, and solicit their subcontractor or materials and/or suppliers quotation for the following types of work including but not limited to:

ADJUST IRON, COLD PLANE, ELECTRICAL, PAVING FABRIC, ROADSIDE SIGNS, STRIPING, SURVEY/STAKING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, TRUCKING, 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 and password is f7pa55wd) or from the Owner's site at www.ipdservices.com/clients/eastbay/index.html?alco&Show=Planroom

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 M/WBE 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 M/WBE 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: **ALAN MCKEAN**
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:

**THE RESURFACING OF PORTIONS
OF VARIOUS ROADWAYS IN
THE UNINCORPORATED AREAS OF
HAYWARD AND SAN LEANDRO,
Specification No. 2356
Minority/Women-Owned Business Enterprise
Goal Assigned is 15% MBE and 5% WBE**

OWNER:

**COUNTY OF ALAMEDA
951 Turner Court, Room 300,
Hayward, CA 94545**

BID DATE: MARCH 29, 2018 @ 2:00 P.M.

We hereby encourage responsible participation of local Minority/Woman-Owned Business Enterprises, and solicit their subcontractor or materials and/or suppliers quotation for the following types of work including but not limited to:

ADJUST IRON, CONSTRUCTION SITE MANAGEMENT, CRACK SEALING, ELECTRICAL, PAVEMENT MILLING, PAVING FABRIC, ROADSIDE SIGNS, STRIPING, SURVEY/STAKING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, TEMPORARY EROSION CONTROL, TRUCKING, 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 and password is f7pa55wd) or from the Owner's site at www.ipdservices.com/clients/eastbay/index.html?alco&Show=Planroom

Fax your bid to (925) 803-4263 to the attention of Estimator Alan McKean. 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 M/WBE 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 M/WBE 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
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DeSilva Gates Construction (DGC)
is preparing a bid as a Prime Contractor for the
project listed below:

**THE RESURFACING OF DEL VALLE ROAD
FROM MINES ROAD TO MILE MARKER 3.9
IN THE EASTERN UNINCORPORATED AREAS
OF ALAMEDA COUNTY, Specification No. 2357
Minority/Women-Owned Business Enterprise
Goal Assigned is 15% MBE and 5% WBE**

OWNER:

**COUNTY OF ALAMEDA
951 Turner Court, Room 300, Hayward, CA 94545**

BID DATE: MARCH 29, 2018 @ 2:00 P.M.

We hereby encourage responsible participation of local Minority/Woman-Owned Business Enterprises, and solicit their subcontractor or materials and/or suppliers quotation for the following types of work including but not limited to:

COLD PLANE, CRACK SEALING, PAVING FABRIC, ROADSIDE SIGNS, STRIPING, SURVEY/STAKING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, TRUCKING, 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 and password is f7pa55wd) or from the Owner's site at www.ipdservices.com/clients/eastbay/index.html?alco&Show=Planroom

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 M/WBE 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 M/WBE 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.



California Sub-Bid Request Ads



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) subcontractors, suppliers, and truckers for the following project:

**C35 INTERLOCKING RENEWAL
LAFAYETTE, CA
BART #15CQ-110
Bids: 04/24/2018 @ 2 pm**

The work in this contract includes but is not limited to: Traffic Control; Demolition of existing track; Special Trackwork; Earthwork & Grading; Reinforced Concrete; CL Fencing & Gates; Subdrainage; Electrical work including Raceways & Underground Ductwork; Trackwork; Contact Rail System; Clearing/Grubbing; Ballast; Concrete Ties, Train Control Work; Staging; Wood Ties; Metal Fab & Metal Fabrications; CIP/Pre-cast/Portland Cement Concrete; Rebar; Controlled Density Fill

PMI will provide assistance in obtaining necessary bonding, insurance, equipment, supplies, materials or other related services. 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 510-671-0000. PMI is signatory to the Operating Engineers, Carpenters, and Laborers Collective Bargaining Agreements.

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

Requests proposals/quotes from all qualified and certified Disadvantaged Business Enterprise (DBE) subcontractors, suppliers, and truckers for the following project:

**ELECTRIFICATION PROJECT
TUNNEL MODIFICATIONS
Bayshore Station to the
16th Street Grade Crossing, SF
CALTRAIN SOLICITATION #18-J-C-070
Bids: 04/19/2018 @ 2 PM
SUBCONTRACTING GOAL - DBE - 7%**

Demolition; Site Clearing; Dewatering; Earthwork; Aggregate Base Course; Storm Drainage Systems; Station Platforms, Sidewalks, Curbs & Gutters; Asphalt Paving; CIP Concrete; Concrete Forming & Finishing; Concrete Rebar; Metal Fabrications; Timber Crossties & Switch Ties; Rail; Track Removal & Salvage; Track Construction; Thermite Rail Welding; Masonry; Shotcrete; Electrical, OCS Rigid Contact Rail System; OCS Signage; Painting OCS Poles; OCS Pole Foundations; Liner Grouting; Clearance Notching; Anchors; Instrumentation; Insulators

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 SBE certified suppliers & subcontractors. Assistance with obtaining necessary equipment, supplies, materials, or related assistance or services for this project will also be offered to interested SBE 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.

We are an Equal Opportunity Employer



**19 PAMARON WAY, NOVATO, CA 94949
PHONE: (415) 382-1188 • FAX: (415) 883-7529
CONTACT: Kelsey Godfrey
Email: bid@arntzbuilders.com**

REQUESTS QUOTATIONS FROM ALL STATE OF CALIFORNIA DGS CERTIFIED DVBE SUBCONTRACTORS & SUPPLIERS AND ALL QUALIFIED SUBCONTRACTORS & SUPPLIERS FOR ALL TRADES FOR THE FOLLOWING
**CLAIRE LILIENTHAL (SCOTT CAMPUS)
3-8 SCHOOL
NEW CLASSROOM & GYMNASIUM BUILDING
AND 2018 INTERIM HOUSING RELOCATABLES
SAN FRANCISCO, CA
SFUSD Project #11852
BID DATE: April 9, 2018 @ 2:00pm
ESTIMATE: \$12,500,000**

Trades needed but not limited to: Haz Mat, Haz Soil, Site Demo, Grading and Paving, Site Utilities, Drilled Piles, Structural Concrete, Rebar, Site Concrete, Landscape & Irrigation, Electrical, Structural Steel & Misc. Metals, Decorative Fences & Gates, Chainlink Fences & Gates, Metal Deck, Self-Adhering Waterproofing, Weather Barriers, Building Insulation, Thermoplastic Roofing, Wood Athletic Flooring, Resilient Flooring, Resinous Flooring, Vapor Emissions, Casework, Plastic Paneling, Painting, Metal Studs & Drywall, Stucco, Rigid Insulation Sheathing, Fabric Wrapped Panels, Fiber Cement Siding, Ceramic Tile, Fabricated Sound & Vibration Assemblies, Fixed Sound-Absorptive Panels, Acoustical Ceilings, Linear Metal Ceiling, Hollow Metal, Wood Doors, Plastic Doors, Hardware, Installation, Aluminum, Storefronts, Curtain Walls & Aluminum Windows, Fabricated Faced Panel Assemblies, Automatic Door Operators, Overhead Doors, HVAC, Plumbing, Fire Sprinklers, Sheet Metal Flashings, Joint Sealants, Roof Hatches, Access Doors, Tubular Skylights, Signage, Toilet Compartment, Toilet Accessories, Fire Extinguishers and Cabinets, Projection Screens, Blinds & Shades.

All contractors shall be registered with the Department of Industrial Relations pursuant to Labor Code Section 1725.5 to be qualified to bid on, be listed in a bid proposal (submitted on or after March 1, 2015) or be awarded a contract for public work on a public works project (awarded on or after April 1, 2015). In addition, they are subject to the requirements of Section 4104 of the Public Contract Code.

BONDING, INSURANCE, TECHNICAL ASSISTANCE AVAILABLE. PLANS AVAILABLE IN GC'S PLAN ROOM. SUCCESSFUL SUBCONTRACTORS WILL BE REQUIRED TO SIGN ARNTZ BUILDERS, INC. STANDARD SUBCONTRACT AGREEMENT WHICH INCLUDES ARNTZ BUILDERS, INC. REQUIREMENT THAT SUBCONTRACTORS PROVIDE A 100% FAITHFUL PERFORMANCE AND PAYMENT BOND OF THE SUBCONTRACT PRICE FROM A TREASURY LISTED SURETY COMPANY ACCEPTABLE TO ARNTZ BUILDERS. BOND PREMIUM TO BE INCLUDED IN BID AS A SEPARATE ITEM. SUBCONTRACTORS WILL BE REQUIRED TO PROVIDE A WAIVER OF SUBROGATION ENDORSEMENT TO THEIR WORKERS COMPENSATION INSURANCE.

**WE ARE SIGNATORY
TO THE CARPENTER'S AND LABORER'S
COLLECTIVE BARGAINING AGREEMENTS
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:

**CALTRANS ROUTE 99 STATE HIGHWAY IN
SACRAMENTO COUNTY IN SACRAMENTO
FROM ROUTE 5 CONNECTOR TO
WEST ELKHORN BOULEVARD OVERCROSSING
CONTRACT NO. 03-1H3804**

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

BID DATE: April 17th, 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:

CONSTRUCTION AREA SIGN, ELECTRICAL, EMULSION SUPPLIER, EROSION CONTROL, FABRIC/GEOSYNTHETIC PAVEMENT INTERLAYER, K-RAIL SUPPLIER, LEAD COMPLIANCE PLAN, METAL BEAM GUARDRAIL, MINOR CONCRETE, ROADSIDE SIGNS, ROADWAY EXCAVATION, RUMBLE STRIP, SIGN STRUCTURE, STRIPING, SWPPP PREP/WATER POLLUTION CONTROL PLAN PREPARE, TEMPORARY EROSION CONTROL, TRAFFIC CONTROL SYSTEMS, UNDERGROUND, VEGETATION CONTROL, TRUCKING, WATER TRUCKS, STREET SWEEPING, CLASS 2 AGGREGATE BASE MATERIAL, HOT MIX ASPHALT (TYPE A) MATERIAL, 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%625desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is 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

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 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.

SMALL
BUSINESS
EXCHANGE

Public Legal Notices



**CITY & COUNTY OF SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS**

**Contract ID No. 100008999
GOUGH STREET TRAFFIC SIGNAL UPGRADE**

Sealed bids will be received at 1155 Market Street, 4th Floor, San Francisco, California 94103 until **2:30:00 p.m. on April 25, 2018**, after which they will be publicly opened and read. Digital files of Bid Documents, Plan Holders Lists, and Addenda may be downloaded at no cost from the Public Works Electronic Bid Documents Download site at www.sfpublicworks.org/biddocs. Please visit the Contracts, Bids and Payments webpage at www.sfpublicworks.org for more information (click on Resources > Contractor Resources). Notices regarding Addenda and other bid changes will be distributed by email to Plan Holders.

The Work is located along the Gough Street corridor from Page Street to Broadway and consists of pedestrian and vehicular traffic signal work, curb ramp construction, traffic control, and all associated work. The time allowed for completion is 365 consecutive calendar days. The Engineer's estimate is approximately \$1,860,000. For more information, contact the Project Manager, Steven T. Lee at 415-558-5226.

On July 1, 2014, the registration program under section 1725.5 of the California Labor Code went into effect. The program requires that all contractors and subcontractors who bid or work on a public works project register and pay an annual fee to the California Department of Industrial Relations ("DIR").

No contractor or subcontractor may be listed in a bid or awarded a contract for a public works project unless registered with the DIR as required by Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

This Project shall incorporate the required partnering elements for **Partnering Level 1**. Refer to Section 01 31 33 for more details.

Pursuant to San Francisco Administrative Code ("Administrative Code") Section 6.25 and Chapter 25 of the Environment Code, "Clean Construction" is required for the performance of all work.

This Contract is subject to the requirements of Administrative Code Chapter 12X, which prohibits the City from entering into any Contract with a Contractor that has its United States headquarters in a state ("Covered State") with laws that perpetuate discrimination against LGBT populations or where any or all of the work on the contract will be performed in any of those states. A list of states on the Covered State List can be found at: <https://oag.ca.gov/ab1887>.

The Specifications include liquidated damages. Contract will be on a Unit Price basis. Progressive payments will be made.

The Contract will be awarded to the lowest responsible responsive bidder.

A bid may be rejected if the City determines that any of the bid item prices are materially unbalanced to the potential detriment of the City.

Bid discounts may be applied as per Administrative Code Chapter 14B. LBE Subcontracting Participation Requirement is 25%. Call Selormey Dzikunu at 415-554-8369 for details. In accordance with Administrative Code Chapter 14B requirements, all bidders shall submit documented good faith efforts with their bids, except those who exceed the above stated LBE Subcontracting Participation Requirement by 35%. Bidders must achieve 80 out of 100 points to be deemed responsive. Bidders will receive 15 points for attending the pre-bid conference, if scheduled. Refer to CMD Form 2B.

A pre-bid conference will be held on April 4, 2018 at 3:00 p.m., at 30 Van Ness Avenue, 5th Floor.

For information on the City's Surety Bond Program, call Jennifer Elmore at (415) 217-6578.

A corporate surety bond or certified check for ten percent (10%) of the amount bid must accompany each bid. Administrative Code Section 6.22(a) requires all construction greater than \$25,000 to include performance and payment bonds for 100% of the contract award.

Class "A" or "C-10" license required to bid.

In accordance with Administrative Code Chapter 6, no bid is accepted and no contract in excess of \$600,000 is awarded by the City and County of San Francisco until such time as the Mayor or the Mayor's designee approves the contract for award, and the Director of Public Works then issues an order of award. Pursuant to Charter Section 3.105, all contract awards are subject to certification by the Controller as to the availability of funds.

Minimum wage rates for this project must comply with the current General Prevailing Wage as determined by the State Department of Industrial Relations. Minimum wage rates other than applicable to General Prevailing Wage must comply with Administrative Code Chapter 12P, Minimum Compensation Ordinance.

This Project is subject to the requirements of the San Francisco Local Hiring Policy for Construction ("Policy") as set forth in Administrative Code Section 6.22(g). Bidders are hereby advised that the requirements of the Policy will be incorporated as a material term of any contract awarded for the Project. Refer to Section 00 73 30 of the Project Manual for more information.

Bidders are hereby advised that the Contractor to whom the Contract is awarded must be certified by the Contract Monitoring Division as being in compliance with the Equal Benefits Provisions of Chapter 12B of the Administrative Code within two weeks after notification of award.

If a bidder objects on any ground to any bid specification or legal requirement imposed by this Advertisement for Bids, the bidder shall, no later than the 10th working day prior to the date of Bid opening, provide written notice to the Contract Administration Division, San Francisco Public Works, setting forth with specificity the grounds for the objection.

Right reserved to reject any or all bids and waive any minor irregularities.

3/29/18
**CNS-3114282#
SMALL B**



REQUEST FOR PROPOSALS FOR TWO ELECTRONICS STORE LEASES AT SAN FRANCISCO INTERNATIONAL AIRPORT

The Airport Commission has commenced the Request for Proposals (RFP) process for the International Terminal Boarding Area A Electronics Store Lease and the Terminal 3 Boarding Areas E and F Electronics Stores Lease. The Request for Proposals includes three Electronics Store locations at San Francisco International Airport.

The proposed minimum financial offer for each of the Leases is \$250,000.00 with a term of ten years each. Rent for both Leases shall be the higher of the Minimum Annual Guarantee or the sum of the percentage rent structured as follows: 8% Licensed Electronics and Hardware products; plus 12% of Gross Revenues achieved up to and including \$500,000.00; plus 14% of Gross Revenues achieved from \$500,000.01 up to and including \$1,000,000.00; plus 16% of Gross Revenues achieved over \$1,000,000.00. Small, local and disadvantaged businesses are encouraged to participate.

The Informational Conference will be held on Wednesday, April 4th, 2018 at 10:00 a.m. at the Terminal 2 Partnering Conference Room, at San Francisco International Airport.

Please see <http://www.flysfo.com/business-at-sfo/current-opportunities> for additional information or call John M. Reeb, Senior Principal Property Manager, Revenue Development and Management Department, (650) 821-4500.

CNS-3114370#



REQUEST FOR PROPOSALS FOR THREE CONCESSION LEASES AT SAN FRANCISCO INTERNATIONAL AIRPORT

The Airport Commission has commenced the Request for Proposals (RFP) process for the Terminal 3 Boarding Area E Specialty Retail Store Lease; the Terminal 3 Boarding Area E Candy Kiosk Lease; and the Terminal 3 Boarding Area E and International Terminal Boarding Area G Wellness Concession Lease.

The proposed minimum financial offers for the Leases are; \$60,000.00 for the Specialty Retail Lease; \$65,000.00 for the Candy Kiosk Lease, both of which have a seven year term; and \$200,000.00 for the Wellness Concession Lease, which has a term of 10 years. Rent for all Leases shall be the higher of the Minimum Annual Guarantee or the sum of the percentage rent structured as follows: 12% of Gross Revenues achieved up to and including \$500,000.00; plus 14% of Gross Revenues achieved from \$500,000.01 up to and including \$1,000,000.00; plus 16% of Gross Revenues achieved over \$1,000,000.00. Small, local and disadvantaged businesses are encouraged to participate.

The Informational Conference will be held on Wednesday, April 4th, 2018 at 10:00 a.m. at the Terminal 2 Partnering Conference Room, at San Francisco International Airport.

Please see <http://www.flysfo.com/business-at-sfo/current-opportunities> for additional information or call John M. Reeb, Senior Principal Property Manager, Revenue Development and Management Department at (650) 821-4500.

CNS-3113868#