

What is modular construction, and how is it transforming the industry?



AC Hotel New York NoMad

Image Source: Hospitality Net

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

By McKenzie Gregory,

Modular construction has been taking the AEC world by storm — but what is it, and how is it impacting the way we build?

According to an article in Redshift,

“Modular” isn’t a construction product; it’s a construction process. This is according to Tom Hardiman, executive director of the Modular Building Institute (MBI), whose members include more than 350 companies involved in the manufacturing and distribution of modular buildings, including multifamily homes.

“Modular building is building in boxes,” Hardiman says. “You put materials together at an off-site location to create volumetric boxes, then you transport those boxes to the job site, where you assemble them.”

With the potential to fundamentally transform the industry, modular construction is something all builders should become well-acquainted with. Here, we dive into the origin, benefits, and applications of this groundbreaking method.

How did modular construction arise?

Modular construction is a type of prefabrication — a method that, though rapidly rising in popularity, has actually been around for hundreds of years. From shipping housing across the Atlan-

tic to early American colonists to assembling the Eiffel Tower, the building technique has a storied past.

Since the early 2000s, there’s been a renewed interest in modular construction due to breakthroughs like BIM, 3D-printing, and automation. While modular construction itself isn’t a new concept, a recent report from McKinsey & Company acknowledges that we’re now at a point where technology is making it a more viable solution.

What are the advantages of modular construction?

- **It’s greener.**

While waste from a site-built dwelling may typically fill several large dumpsters, construction of a modular dwelling generates much less waste. According to the UK group WRAP, up to a 90% reduction in materials can be achieved through the use of modular construction.

- **It’s faster.**

Modular construction allows for building and site work to be completed simultaneously. This can reduce the overall completion schedule by as much as 50%, along with labor, financing, and supervision costs. To save even more time and money, nearly all design and engineering disciplines are part of the manufacturing process.

- **It’s safer.**

When the majority of the construction process is moved off-site, as it is with modular building,

unique safety components can be implemented that can’t be done on a traditional construction site.

In general, firms using modular construction feel that the three main safety benefits of the modular building process were:

- the ability to do a complex assembly at ground level
- the need to have fewer workers on-site, for less time
- a fewer number of tasks completed at great heights

3 examples of modular construction in action

1. AC Hotel New York NoMad

The world’s tallest modular hotel is on track to be stacked in New York City with prefabricated and pre-furnished guestrooms later this year. Once erected over a 90-day period, the 360-foot-tall tower will represent a milestone for Marriott’s ongoing initiative to encourage hotel developers in North America to embrace modular for new construction projects. It’s expected to open in late 2020.

2. MedModular

In late 2018, EIR Healthcare unveiled its modular hospital product: MedModular. It’s the world’s first application of modular construction to hospital rooms, ensuring faster delivery, build times, and minimized budgets. MedModular rooms are delivered 90% complete and wired with smart technology for easy integration into hospital infrastructure.

3. Factory_OS

Recently backed by Autodesk, Factory_OS is a startup taking on the affordable housing crisis by disrupting the way multifamily housing is produced. They bring the construction job site to the manufacturing shop floor, delivering housing units that are constructed 40% faster, are 20% less expensive, and create 70% less waste than traditional units from on-site construction.

Wrap-up

Major corporations are betting big on modular construction, investing hundreds of millions of dollars into the method. If modular construction lives up to its potential to build safer, faster, and more affordably than traditional methods, it may become mainstream in the U.S. sooner rather than later.

SOURCE: <https://blog.buildingconnected.com/what-is-modular-construction/>



California Sub-Bid Request Ads

REQUESTING PROJECT ASSISTANCE from DBE/MBE/WBE and Other Business Enterprises:

DMZ Builders is bidding the following project as a Prime Contractor and is seeking subcontractors and vendors to assist with the project by submitting quotes for their trades and/or products.

Project: Richmond Yard Fire Protection

Reference #: 54RR-270

Owner: San Francisco Bay Area Rapid Transit District (BART)

Bid Date: October 8, 2019 @ 2:00 pm

The Work includes replacing fire mains and hydrant system, including domestic water distribution, flow monitoring/alarm equipment, valves, buried pipe and coupling system, thrust blocking, isolation valves, fire hose valves, communication and low voltage wire and associated conduits at BART's Richmond Yard. Additionally, provide sewer and industrial waste pipe replacement and selective sewer lining with CIPP.

Trades/Suppliers requested:

Pipe & Valve Supply, Electrical Material Supply, SWPPP, AC Paving, Steel Reinforcing, Sidewalk, Curb & Gutter, Trenching, Saw Cutting, Pipe, Hydrant and Appurtenance Abandonment, Temporary Fire Service, Underground Pipe Installation, Valves & Backflow Preventer Assemblies, Communications and Low Voltage Conduit and Wiring, Fencing, Temporary Barriers, Traffic Control, Field Office, Sanitary Services, Survey, Quality Control/Material Testing, Trucking/Hauling/Material Disposal, Cured-in-Place-Pipe.

Plans and specifications are available to interested firms via the BART procurement website at <http://www.bart.gov> and/or can be viewed at DMZ Builders Concord, CA office, by contacting the DMZ office to make an appointment.

Subcontractors must provide their active contractor's license number and Department of Industrial Relations (DIR) registration number with their quote. DMZ Builders is a union signatory contractor, and this will be a prevailing wage contract requiring certified payrolls. Subcontractors will be required to execute DMZ Builders Standard Subcontract Terms and Conditions and meet insurance requirements, including Worker's Compensation Waiver of Subrogation. A copy of our Standard Subcontract Terms and Conditions and Purchase Order Agreement (for suppliers) are available for review in electronic format, upon request. Subcontractors may be required to provide payment and performance bonds in the amount of 100 percent of Subcontract value. DMZ Builders will reimburse Subcontractors for bond premium at actual cost, not to exceed 2.0%. For assistance in obtaining bonding, lines of credit, insurance, equipment, supplies, materials, technical information, and/or any other coordination required for the project, please contact Richard Zito: Phone # (925) 826-5387, Fax # (925) 826-5766, or e-mail estimating@dmzbuilders.com. DMZ will work with interested subcontractors, suppliers, service providers, and truckers to identify opportunities to break down items/work into economically feasible packages. DMZ Builders intends to work cooperatively with all qualified firms seeking work on this project.

DMZ BUILDERS

4070 Nelson Avenue, Ste A,
Concord, CA 94520

Phone 925-826-5387 • Fax: 925-826-5766
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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
Station Emergency Lighting
Contract No. 15II-120A**

BID DATE: October 15, 2019 at 2:00 p.m.

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

Requesting certified LSB and M/WBE Subcontractor and Supplier Quotes on:
Coring, Grouting, Paint-Stain, Misc. Metal

Please visit www.bart.gov/about/business/procurement to register for access to Contract Documents. You may also contact Natasha Inglis at ninglis@shimmick.com for access to the documents.

Subcontractors and Suppliers interested in this project may contact
Dave Leonard by email at dleonard@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.

Zolman Construction & Development, Inc. as a "GENERAL CONTRACTOR"

is requesting quotations on "ALL TRADES" from all qualified subcontractors & suppliers, including LBE, DBE, SBE, MBE, WBE firms for the following project:

**PROJECT TITLE: CCSF OCEAN CAMPUS -
TEMPORARY CAMPUS SECURITY
OFFICE PROJECT
INVITATION FOR BID #2020-015**

**PROJECT LOCATION:
50 FRIDA KAHLO WAY, CORNER OF
FRIDA KAHLO WAY AND JUDSON AVENUE,
SAN FRANCISCO, CA 94122**

**ESTIMATED CONSTRUCTION VALUE
OF THE WORK: \$ 250,000.00**

OWNER: CITY COLLEGE OF SAN FRANCISCO

**BID DATE/TIME: October 8, 2019 AT 2:00 PM
ZOLMAN CONSTRUCTION & DEVELOPMENT, INC.
(Signatory to the Carpenters & Laborers Union)
90 GLENN WAY, UNIT 2,
SAN CARLOS, CA. 94070**

Please Submit & Fax all proposals to
650-802-9902

For more information, please call
Jahan Ramezanbeigi at (650) 802-9901

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Computer Generated Reports

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

Contact Info:

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

Email: sbe@sbeinc.com

Website: www.sbeinc.com

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

Fax: (415) 778-6255

**Publisher of
Small Business Exchange
weekly newspaper**



California Sub-Bid Request Ads



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

REQUEST FOR **SB/LSB/MBE/WBE**
 SUBCONTRACTORS AND SUPPLIERS FOR:

**Antioch Station Expansion Parking Project
 And Miscellaneous Site Improvements
 Contract No. 045F-190
 San Francisco Bay Area Rapid Transit District
 BID DATE: **October 1, 2019 @ 2:00 PM****

We are soliciting quotes for (including but not limited to): Trucking, Temporary and Permanent Erosion Control Measures, Signage, Striping, Markings, Lime-Cement Soil Stabilization, Electrical and Communications, Electrical Street Lighting, Landscaping and Irrigation, Railing, Gates, Fencing, Temporary Fencing, Misc. Concrete, Seal Coat, Survey Staking, Materials Testing, Construction Area Signs, SWPPP, Signal Modifications, Guardrail, Underground, and Construction Materials

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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 SB/LSB/MBE/WBE Participation. Plans & Specs are available for viewing at our office.



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

REQUEST FOR **DVBE**
 SUBCONTRACTORS AND SUPPLIERS FOR:

**VTC York Street Improvements
 Vallejo, CA
 Solano Transportation Authority
 BID DATE: **October 8, 2019 @ 11:00 AM****

We are soliciting quotes for (including but not limited to): Trucking, Temporary and Permanent Erosion Control Measures, Survey, Progress Schedule (Critical Path Method), Site Video Taping, Water Pollution Control Program, Traffic Control System, Clearing & Grubbing, Adjust Utilities to Grade, Import Topsoil, Lean Concrete Backfill, Slurry Seal, Roadside Signs, Paint Curb, Minor Concrete, Paint Traffic Stripe, Decomposed Granite, Type III Barricade, Water Filled Barrier, Tree Protection & Pruning, Tree Removal, Site Furnishings, Ornamental Metal Fence, Planting & Irrigation, Bus Shelters, Kiosk, Sprinkler Control Conduit, Lighting & Electrical Systems, Construction Area Signs, Temporary Fencing, Utility Locating, and Construction Materials

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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 DVBE Participation. Plans & Specs are available for viewing at our office.



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, breakout 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: Jean Sicard or Greg Souder

REQUEST FOR **DBE**
 SUBCONTRACTORS AND SUPPLIERS FOR:

**Construct 4 Lane Expressway with
 Earthwork and Paving
 Hwy 29 Kelseyville
 Caltrans #01-2982U4
 BID DATE: **October 9, 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), Develop Water Supply, Construction Area Signs, Traffic Control System, Type III Barricade, Portable Changeable Message Sign, SWPPP, Rain Event Action Plan, Storm Water Sampling & Analysis and Report, Sweeping, Treated Wood Waste, Biologist, Invasive Species Control, Clearing & Grubbing, Rock Excavation (Controlled Blasting), Structure Excavation, Structure Backfill, Landscaping, Hydroseed, Date Core, AC Dike, Tack Coat, Cold Plane AC, Structural Concrete, Minor Concrete, Bar Reinforcing Steel, Structural Concrete, Wildlife Escape Ramp, Underground, Concrete Backfill, Temporary Culvert, Structural Steel Plate Vehicular Undercrossing, Geocomposite Drain, Temporary AFES, Abandon Culvert, Rock Slope Protection, Minor Concrete, Misc. Iron & Steel, Destroy Well, Prepare & Stain Concrete, Fencing, Gates, Delineator, Pavement Marker, Roadside Signs, Barricade, Cable Railing, Concrete Barrier, Striping & Marking, Radar Speed Feedback Sign Systems, Electrical, Building Work, Building Demolition, Ground Anchors - Sub Horizontal, Shotcrete, Relocate Billboard, and Construction Materials

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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.

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California Sub-Bid Request Ads



Graniterock

5225 Hellyer Avenue, Suite #220
San Jose, CA 95138
Phone (408) 574-1400 • Fax (408) 365-9548
Contact: Patrick McDonald
Email: estimating@graniterock.com

REQUESTING SUB-QUOTES FROM
QUALIFIED SBE / LSBE / MBE / WBE
SUBCONTRACTORS/SUPPLIERS/
TRUCKERS FOR:

**Antioch Station Expansion Parking Project
and Miscellaneous Site Improvements
Contract No. 04SF-190**

**Owner: San Francisco BART District
Engineers' Estimate: \$12,800,000**

BID DATE: October 1, 2019 @ 2:00 PM

Items of work include but are not limited to: Construction Staking, Quality Control & Testing, Striping & Pavement Marking, Storm Water Pollution Implementation, Lighting, Traffic Signal, Metal Beam Guard Rail, Minor Concrete, Storm Drain, Water Truck, Trucking, Sweeping, Signs, Fence / Handrail, Landscape Planting, Irrigation, Hydroseeding, Lime Treat Soil, Bio Retention Area and Wayfinding Signs.

Granite Rock Company 'Graniterock' is signatory to Operating Engineers, Laborers, Teamsters, Carpenters and Cement Masons unions. 100% performance and payment bonds will be required from a qualified surety company for the full amount of the subcontract price. Bonding assistance is available. Graniterock will pay bond premium up to 1.5%. In addition to bonding assistance, subcontractors are encouraged to contact Graniterock Estimating with questions regarding obtaining lines of credit, insurance, equipment, materials and/or supplies, or with any questions you may have. Subcontractors must possess a current contractor's license, DIR number, insurance and worker's compensation coverage. Subcontractors will be required to enter into our standard contract. Graniterock intends to work cooperatively with all qualified firms seeking work on this project.

We are an Equal Opportunity Employer



O.C. Jones & Sons, Inc.
General Engineering Contractor

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 15, 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) 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.

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/
Affirmative Action Employer

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

**CALTRANS ROUTE 82 - CONSTRUCTION ON
STATE HIGHWAY IN SANTA CLARA COUNTY
FROM MCKENDRIE STREET IN SAN JOSE TO
THE ALAMEDA IN SANTA CLARA**
Contract No. 04-4J2824, Disabled Veteran
Business Enterprise Goal Assigned is 3%

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

BID DATE: OCTOBER 2, 2019 @ 2:00 P.M.

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

**ADJUST IRON, CONSTRUCTION AREA SIGNS,
ELECTRICAL, LEAD COMPLIANCE PLAN, MINOR
CONCRETE, MINOR CONCRETE STRUCTURE,
PAVEMENT MILLING, ROADSIDE SIGNS, ROAD-
WAY EXCAVATION, STRIPING, SWPPP/WATER
POLLUTION CONTROL PLAN PREPARATION,
UNDERGROUND, TRUCKING, WATER TRUCKS,
STREET SWEEPING, CLASS 2 AGGREGATE BASE
MATERIAL, HOT MIX ASPHALT (TYPE A) MATERI-
AL, RUBBERIZED HMA (GAP GRADE) 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://ftp25desilvagates.com:f7pa55wd@pub.desilvagates.com (if prompted the username is <ftp://ftp25desilvagates.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/Affirmative Action Employer.

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as well as traditional industry segments.



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WHAT'S NEW WITH SMALL BUSINESS?

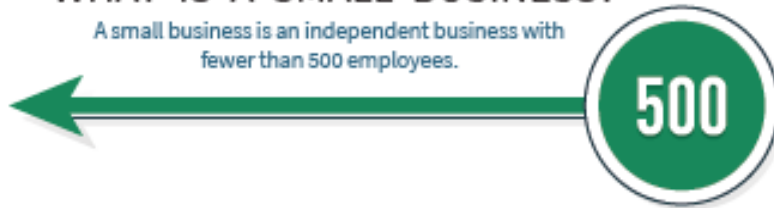
September 2019

U.S. SMALL BUSINESS ADMINISTRATION
OFFICE OF ADVOCACY

REGULATION • RESEARCH • OUTREACH

WHAT IS A SMALL BUSINESS?

A small business is an independent business with fewer than 500 employees.



NET NEW JOBS

65%
NET NEW JOBS

Small businesses accounted for 65% of net new jobs.

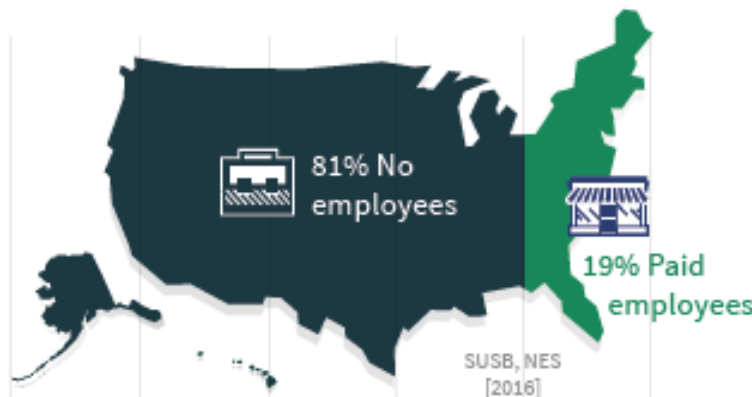
BED, [2000-2018]

SMALL BUSINESSES COMPRISE:



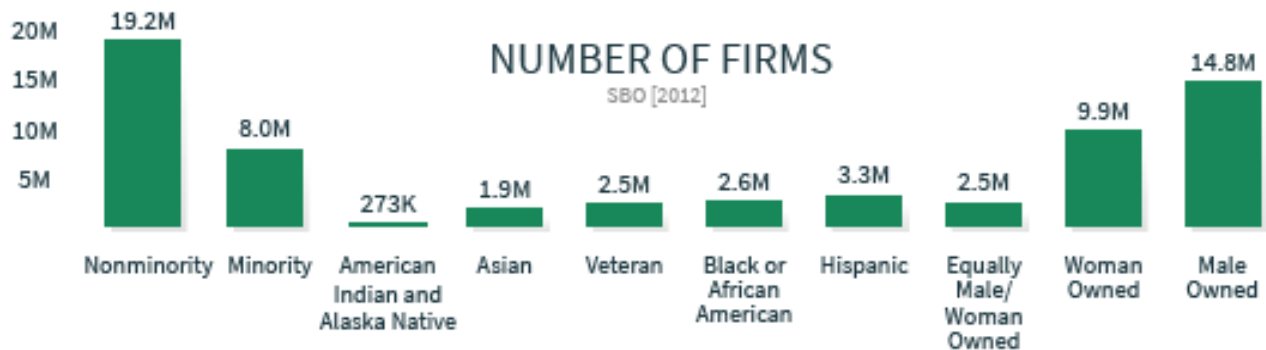
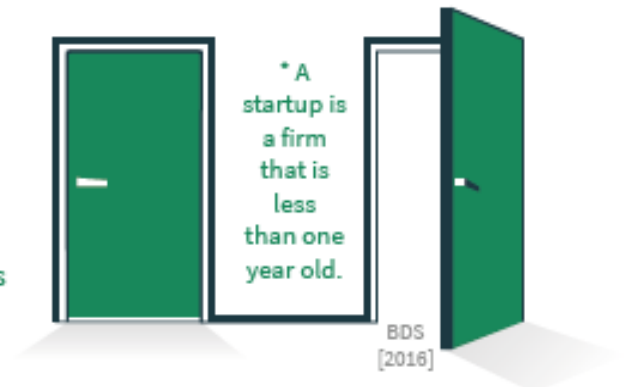
SUSB, NES [2016], ITA [2016]

30.7M SMALL BUSINESSES IN THE U.S.



400K CLOSURES

433K STARTUPS*



US CENSUS BUREAU

NES Nonemployer Statistics
BDS Business Dynamics Statistics
SBO Survey of Business Owners
SUSB Statistics of US Businesses

BED Business Employment Dynamics, Bureau of Labor Statistics
ITA International Trade Administration, US Department of Commerce

For even more information visit advocacy.sba.gov



Tutor Perini/O & G Joint Venture (TPOG)



SEEKING DBE FIRMS

FOR SUBCONTRACTING OPPORTUNITIES ON THE WESTSIDE
PURPLE LINE EXTENSION SECTION 2 PROJECT

OWNER: LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY (LACMTA)



INTERESTED IN WORKING WITH TPOG?

TPOG issues Notice of Interest (NOI) Emails to all Tutor Perini/O & G Joint Venture registered vendors notifying them of upcoming 1st tier opportunities on the project. All CUCP certified DBEs vendors based in Southern California are already registered with TPOG. Please contact us if your firm is not receiving TPOG Notices of Interest by sending a note to:

Nareg@moderntimesinc.com

BONDING, LINES OF CREDIT, AND INSURANCE SUPPORT SERVICES:

TPOG is willing to assist DBE Subcontractors and suppliers in obtaining access to bonds, lines of credit and insurance. Please email Nareg Bostanian for your requests for assistance.

TPOG is soliciting in good faith all interested subcontractors as well as certified DBE firms. If you are interested in bidding or have any questions in relation to the scope, please email DBE Project Coordinator: Nareg Bostanian or visit the website below. <http://www.tpogjv4purpleline.com/index.html>



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 Disadvantage Business Enterprise (DBE) subcontractors, suppliers, and truckers for the following project:

Embarcadero Station Platform Elevator Capacity and Redundancy Project
BART CONTRACT NO. 11FE-110

Bids: 10/29/2018 @ 2 pm
DBE GOAL - 22%

The work includes but is not limited to: Selective Demo; Portland Cement Concrete; Conc Forming/ Falsework/ Accessories; Waterstops; Rebar; Cast-In-Place Conc; Precast Conc; Non-Shrink Grout; Conc Unit Masonry; Mtl Welding; Structural Steel Framing; Mtl Decking; Cold-Formed Mtl Framing; Mtl Fabrication; Mtl Stairs & Railings; Decorative Mtl; Rough Carpentry; Crystalline Waterproofing; Vapor Retarders; Flashing & Sheet Metal; Roof & Wall Specialties & Accessories; Cementitious / Intumescent Fireproofing; Firestopping; Joint Protection; Mtl Doors & Frames; Access Doors & Panels; Door Hdwr; Glazing; Fire-Rated Glass & Framing; Gypsum Board; Stone Flooring; Painting; Signage; Illuminated Cabinet Signage; Safety Specialties; Electric Traction & Hydraulic Elevators; Plumbing & HVAC Insulation; Indoor Cabinets, Racks, Frames & Enclosures; Electronic Circuits, Wires and Cables, Wet-Pipe Sprinkler System; Storm Drainage; Sump Pumps; Testing, Low Voltage Wires & Cable; Electrical Cabinets & Enclosures; Circuit Breakers & Panelboards; Lighting; Telephone Systems; Fire Detection & Alarm System; CCTV; Traction Power Cables

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



CALIFORNIA STATE LOTTERY
 Request for Proposal (RFP) #50116
 Scratchers® Ticket Delivery Services

The California State Lottery (Lottery) is inviting proposals from qualified Bidders to provide Scratchers® Ticket Delivery Services to Lottery retailers throughout California.

This Request for Proposal (RFP) is open to all Bidders that, at the time of proposal submission, meet the following minimum Bidder qualifications. **If a joint venture is submitting a proposal, at least one of the Bidders comprising the joint venture must meet all the Minimum Bidder Qualifications.** Qualified Bidders must:

1. Have the demonstrated ability to perform delivery services utilizing commercial fleet vehicles to Lottery facilities and all Lottery retailers throughout California within 24 hours of receiving a shipment.
2. Have the demonstrated ability to provide Contractor-employed, uniformed personnel, operating Contractor-owned or corporate-leased vehicles registered to the Contractor through the California Department of Motor Vehicles, to perform the services described in Exhibit A, Scope of Services.
3. Have a minimum of three years of similar delivery experience performing the services specified as outlined in Exhibit A, Scope of Services. For purposes of this solicitation document, "similar" is defined as picking up items from a customer and delivering the items to others on a regular basis, within a specified timeframe, and in a secure manner;
4. Have a minimum of six months experience in providing a computerized method for recording and retrieving proof of delivery information;
5. Have processing/distribution centers in both Northern and Southern California with Information Technology and Security personnel;
6. Have a current and valid California Department of Motor Vehicles (DMV) Motor Carrier Operating (MCO) Permit; and
7. Meet the requirements set forth in Section II, Proposal Requirements.

The RFP is available to download exclusively at the Lottery website at www.calottery.com/vendor. **The Lottery will not distribute paper copies of the RFP.**

CNS-3293806#



Project Name: Bernal Dwellings Rehab DIV 1-33
Location: San Francisco, California
Bid Date: October 23, 2019 @2:00pm
Pre-Bid: October 7, 2019 @10:00am
Labor Reqs: Prevailing Wage
Est. Start: December 2019
Est. Completion: August 2021

Nibbi Brothers has been selected as the General Contractor for the Bernal Dwellings RAD Phase 3 project in San Francisco. We are in receipt of the 90% CD Set and are currently requesting bid proposals from qualified subcontractors including those certified with SBE's for DIV 1-12 & 21-33. **The Contract Monitoring Division (CMD) has set the SBE participation goal for this project at 25%.** All SBE and/or Non-SBE with SBE participation are strongly encouraged to submit. For more information about the San Francisco SBE program as it relates to this solicitation, please contact Mr. Romulus Asenloo at the City and County of San Francisco Contract Monitoring Division via email, ian.fernando@sfgov.org.

MOH, Section 3 HUD / Additional local hiring goals:

Contractors are required to work in good faith with the City's Office of Economic and Workforce Development (OEWD) to employ disadvantaged workers to meet the following hiring goals:

- 30% of all work hours are performed by Section 3 residents
- 30% of new-hire opportunities are fulfilled by Section 3 residents
- 6.9% of all work hours by trade are performed by female workers
- 25.6% of all work hours by trade are performed by minority workers

The Bernal Dwellings RAD Phase 3 project is located at the intersection of Cesar Chavez and Harrison Street, originally constructed in 1998-2001. The 4-acre site contains two private access roads, Kamille Court and Treat Lane, which define four blocks on the parcel. There are 17 existing slab-on-grade non-elevator R-2 primary use buildings comprised of TJ floor joists and manufactured wood trusses. Buildings are connected by exterior privacy walls on each block which enclose "garden courts" and private rear yards with wood fences at the center of each block. Residential buildings have exterior concrete patios at grade and wood deck balconies with metal guardrails serving each dwelling unit. All existing buildings are comprised of painted cement plaster and cement board lap siding exterior finishes, metal frame windows, and pitched roofs with asphalt shingles, fascia/eaves, metal gutters and downspouts. All ground floor residential apartments and common area amenities were approved in 1998 for accessibility compliance with California T-24. According to a recent third-party RAD Physical Conditions Assessment, most existing units are categorized as fair to good condition. All buildings contain existing dwelling units for interior rehabilitation and modernization totaling 160 residential dwelling units, comprised of 50 flats and 6 townhouses at grade and 104 walk-up townhouses occupying the second and third floors where occurs. The proposed project scope includes interior improvements at the ground floor of Building 10 and Building 12. Site improvements are limited to areas of sidewalk re-grading at accessible routes, and three off-street accessible parking spaces adjacent to Building 12.

IN ORDER TO OBTAIN BID DOCUMENTS AND SUBMIT A BID, PLEASE CONTACT KRISTIN MEDWICK VIA EMAIL, KRISTINM@NIBBI.COM

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
Sewage Pumps Replacement Project
Contract No. 54RR-110

BID DATE: October 1, 2019 at 2:00 p.m.

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

Requesting certified LSB and M/WBE Subcontractor and Supplier Quotes on: *Demolition, Electrical, Instrumentation, Mechanical, Miscellaneous Metal, Pipe-Steel, Pump, Utility Pipe-Steel, Valves and Fittings*

Please visit www.bart.gov/about/business/procurement to register for access to Contract Documents. You may also contact Natasha Inglis at 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.

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.

Public Legal Notices



REQUEST FOR PROPOSALS FOR THE HARVEY MILK TERMINAL 1 FOOD AND BEVERAGE CONCESSION LEASES IN PHASES 3 AND 4 AT SAN FRANCISCO INTERNATIONAL AIRPORT

The Airport Commission has commenced the Request for Proposals (RFP) process for the Harvey Milk Terminal 1 Food and Beverage Concession Leases in Phases 3 and 4. The Request for Proposals includes a Gourmet Grab & Go Market Lease, a Food Hall and Pop Up Food Program Lease, a Sit-Down Restaurant & Bar Lease, and 2 Small Business Enterprise Set-Asides for a Coffee Lease and a Japanese/Poke Lease.

The proposed Minimum Annual Guarantees (MAG) range from \$275,000.00 to \$1,685,000.00 and the terms are twelve years with one 2-year option to extend at the Airport Commission's discretion.

Rent for the Grab & Go Market, Coffee, and Japanese/Poke Leases shall be the higher of the MAG or the sum of the following: 8% of Gross Revenues achieved up to and including \$500K, plus; 10% of Gross Revenues achieved from \$500K up to and including \$1M, plus; 12% of Gross Revenues achieved over \$1M.

Rent for the Sit-Down Restaurant & Bar Lease shall be the higher of the MAG or the sum of the following: 8% of Gross Revenues achieved up to and including \$1.5M, plus; 10% of Gross Revenues achieved from \$1.5M up to and including \$2M, plus; 12% of Gross Revenues achieved over \$2M.

Rent for the Food Hall and Pop-Up Food Program Lease shall be the higher of the MAG or the sum of the following: 8% of Gross Revenues achieved up to and including \$2M, plus, 10% of Gross Revenues achieved from \$2M up to and including \$2.5M, plus, 12% of Gross Revenues achieved over \$2.5M.

The Informational Conferences will be held on Thursday, October 3, 2019 at 10:00 a.m. at the Aviation Museum at San Francisco International Airport.

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

CNS-3295418#

REQUEST FOR PROPOSALS FOR HARVEY MILK TERMINAL 1 AND TERMINAL 2 AT SAN FRANCISCO INTERNATIONAL AIRPORT

The Airport Commission has commenced two Request for Proposals (RFP) processes for retail concession leases in Harvey Milk Terminal 1 and Terminal 2. The opportunities include 4 separate leases with the following business terms:

RFP 1 - Harvey Milk Terminal 1 Retail Concession Leases Phases 3 and 4

Harvey Milk Terminal 1 Retail Concession Lease – Traveler's Retreat:
Rent is the higher of the Minimum Annual Guarantee (\$135,000.00) or

- 12% of Gross Revenues for service, plus
- 14% of Gross Revenues for retail merchandise.

Harvey Milk Terminal 1 Retail Concession Lease – Apparel:
Rent is the higher of MAG (\$365,000.00) or

- 12% of Gross Revenues achieved up to and including \$1,000,000.00; plus
- 14% of Gross Revenues achieved from \$1,000,000.01 up to and including \$2,000,000.00; plus
- 16% of Gross Revenues achieved over \$2,000,000.00.

Harvey Milk Terminal 1 Retail Concession Lease – Bookstore:
Rent is the higher of MAG (\$230,000.00) or

- 8% of Gross Revenues achieved up to and including \$2,000,000.00; plus
- 10% of Gross Revenues over \$2,000,000.00.

RFP 2 - Terminal 2 Market and Harvey Milk Terminal 1 Specialty Retail Stores Lease

Rent is the higher of MAG (\$1,000,000.00) or

- 12% of Gross Revenues achieved up to and including \$2,500,000.00; plus
- 14% of Gross Revenues achieved from \$2,500,000.01 up to and including \$5,000,000.00; plus
- 16% of Gross Revenues achieved over \$5,000,000.00.

All Leases shall have a Term of twelve years. The Informational Conference will be held on Thursday, October 3, 2019 at 10:00 a.m. at the Aviation Museum and Library at San Francisco International Airport.

Please see <http://www.flysfo.com/business-at-sfo/current-opportunities> for additional information. The Principal Property Managers for these opportunities are Clarissa Mamari for RFP 1 and Veronica Zamani for RFP 2. Both can be reached at Revenue Development and Management at (650) 821-4500.

CNSB #3296195

October 2019 Outreach Ads 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
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. While the next census will be taken in 2020, the Census Bureau is recruiting now to fill important temporary positions with great pay and flexible hours. Be a Census Taker and make a difference in your community! Apply online at 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.

COME JOIN THE SAN FRANCISCO FIRE DEPARTMENT!

The mission of the Fire Department is to protect the lives and property of the people of San Francisco from fires, natural disasters, and hazardous materials incidents; to save lives by providing emergency medical services; to prevent fires through prevention and education programs; and to provide a work environment that values health, wellness and cultural diversity and is free of harassment and discrimination. Chief Jeanine Nicholson invites you to join a highly respected Fire Department and serve the community of one of the most beautiful cities in the country.

San Francisco's first citywide American Indian Initiative celebrates the culture and contributions of local Indigenous Peoples. Spanning three months, **The Continuous Thread: Celebrating Our Interwoven Histories, Identities and Contributions** will include over 20 public events including exhibitions, a temporary light-art project, community celebrations, concerts, a film festival, a fashion show and more. The ambitious initiative coincides with the **50th Anniversary of the Occupation of Alcatraz**, the one-year anniversary of the City's first Indigenous Peoples Day and the anniversary of the removal of the *Early Days* sculpture in the Civic Center after decades of community objections to its racist and historically inaccurate content. Dates: October 4 - December 15. Visit sfartscommission.org for more information.

The City and County of San Francisco encourage public outreach. Articles are translated into several languages to provide better public access. The newspaper makes every effort to translate the articles of general interest correctly. No liability is assumed by the City and County of San Francisco or the newspapers for errors and omissions.

CNS-3294258#

DEPARTMENT OF MOTOR VEHICLES (DMV)

Upgrade the Existing Heating, Ventilation, and Air Conditioning (HVAC) Control Systems at the Merced, Oakland Coliseum, Corte Madera and Sacramento DMV office buildings. Project No. 19-255

Provide the Department of Motor Vehicles (DMV) all labor, tools, materials, equipment, and travel necessary to upgrade the existing heating, ventilation, and air conditioning (HVAC) control systems at the Merced, Oakland Coliseum, Corte Madera and Sacramento DMV office buildings 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 09/24/19 at 2415 First Avenue, Sacramento, CA 95818. Meeting in the lobby.

An optional pre-bid conference is scheduled at 10:00 a.m. on 10/1/19 at the Merced DMV Field Office located at 1313 West 12th Street, Merced, CA 95341 (Meeting at the flagpole.), for the purpose of viewing the location and equipment relevant to this IFB.

An optional pre-bid conference is scheduled at 10:00 a.m. on 10/8/19 at the Oakland Coliseum DMV field office, located at 501 85th Avenue, Oakland, CA 94621, (Meeting at the flagpole.), for the purpose of viewing the location and equipment relevant to this IFB.

An optional pre-bid conference is scheduled 10:00 a.m. on 10/8/19 at the Corte Madera DMV located at 75 Tamal Vista Blvd., Corte Madera, CA 94925, (Meeting at the flagpole.), for the purpose of viewing the location and equipment relevant to this IFB.

The bidder shall possess a valid C-20 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: \$324,500.00)

Bid Opening: 10/23/19 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>.

9/5, 9/12/19

CNS-3290939#

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