

Can California really make power grid 100% green?

[Article originally appeared in
www.calmatters.org]

By Dan Walters, CalMatters,

As California baked under record-high temperatures last Tuesday and the state's residents turned up their air conditioners to cope, electricity consumption hit an all-time peak.

The record demand of more than 52,000 megawatts was experienced in the 80% of the state's electric power system managed by the Independent System Operator and was a successful stress test for the grid.

Californians heeded pleas to minimize consumption in the all-important late afternoon and evening hours, thus averting rolling blackouts that grid managers had feared would be needed to avoid systemic collapse. Luck also played a role – no major power plant shutdowns – as did having a healthy amount of reserve generation.

By happenstance, Tuesday's test of the power grid's resilience came just a few days after the Legislature passed – at Gov. Gavin Newsom's behest – legislation to speed up California's conversion to a carbon-free electrical grid by 2045. So the day's experience provided a graphic snapshot of what must to happen for that conversion to occur.

The legislation, Senate Bill 1020, requires that California get 90% of its power from renewable sources by 2035 – the same year the state is now scheduled to end sales of gasoline-powered cars – and 95% by 2040 while retaining the 2045

Continued on page 5



An aerial view of the Ivanpah Solar Electric Generating System, the world's largest solar thermal power station, in the Mojave Desert near Nipton on February 27, 2022. Photo by Bing Guan, Reuters

Tech to Win the Bid

[Article originally appeared in
www.constructionexec.com]

By Wayne Nunziata,

The construction industry's inherent brick and mortar essence has not made it immune to digitization, as AI, robotic and cloud technologies are transforming processes and efficiencies in every phase of the game, from supply chain optimization and building modeling to labor and materials planning. Total construction spending bounced back from the pandemic in 2021 at 12% above 2019 rates. Most construction executives have a positive outlook for growth for the balance of 2022 and beyond, but that optimism has been tempered by higher prices, continuing supply chain challenges, a labor shortage and an inflationary economic environment.

The U.S. economy is sending contradictory signals as we teeter on the brink of a recession; wages and employment are up but so are prices and interest rates. Today's atmosphere of uncertainty, volatility and complex regulations has motivated more construction companies across the value chain to deploy digital technologies to get a clearer picture of project operations, opti-

mize asset efficiency and manage risk. Bidding/bonding is one critical area in which digital solutions can help a contractor gain a competitive advantage in a difficult environment.

Necessity, the accelerator of innovation

Agility is everything, so the faster a contractor can get qualified and obtain a bid bond, adjust bids, update work in progress, get additional credit and order performance and payments bonds, the better position they are in to win bids. However, the manual process for contractors to get bids and performance bonds involves a tedious process of sending the bid invitation letter, job specifications and bid request forms to their insurance agency, which would get an offer from a surety bond company after rigorous credit and background checks. If the contractor wants to do another, higher bid, the agent will request more information, resulting in an endless back and forth. Sometimes they miss the job because the information-gathering process is so taxing.

Technology platforms now make it possible for contractors to go online and swiftly and accurately acquire, control and keep track of bid, performance and payment bonds. 85% of insur-

ance CEOs say the pandemic accelerated the digitization of their operations. Necessity has become the accelerator of innovation in the last two years of lockdowns, and contractors stand to benefit from more streamlined processes now available—if they are willing to dive in.

Navigating inflation and potential cost deviation

Digital solutions also can help contractors navigate difficult inflationary conditions. Construction costs skyrocketed by 17.5% year-over-year (YoY) from 2020 to 2021, and are expected to increase by 14.1% YoY by the end of 2022. Since most contractors operate on slim margins in a highly competitive marketplace, contractors must master the bidding process not only by submitting winning bids but also by accurate bids in line with fluctuating costs. Supply chain delays can lead to a disrupted timeline, so construction executives are turning to project control and cost management software that can crunch the numbers in real time so leaders can eliminate surprises and make informed decisions.

The increasing costs naturally impact the bidding process, making it challenging to estimate future costs. Since losses would also lead to

more expensive rebuilds, the sum insured and bonded may need to be revised to minimize the risk of being underinsured. Incorrectly building future costs into bids can be potentially catastrophic. In addition to cost management technology, contractors can use digital solutions to see where they stand with their current and aggregate bonding limits and quickly adjust their bonds. Executives need ways to make swift bidding decisions from an array of disparate data.

Using tech for confidentiality and power of attorney in bonding

Digital technology enables contractors to be nimbler in executing a competitive bid in an atmosphere in which bids need to come in up to the 11th hour and razor-thin margins determine wins and losses. Previously, the insurance agent would have power of attorney, know what the bid is (and sometimes see competitors' bids, too) and issue the bond.

Visit the link below to read the full article:

<https://www.constructionexec.com/article/tech-to-win-the-bid>



CALIFORNIA SUB-BID REQUEST ADS



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

SUBCONTRACTORS / SERVICE PROVIDERS

Asphalt Paving, Bore and Jack, Concrete Flatwork, Electrical, Manholes, Manhole/Utility Adjusting, Potholing, Project Scheduler (CPM), Saw Cutting, Shoring, Signage, Slurry Seal, Street Sweeping, Striping, Survey, SWPPP, Traffic Control, Traffic Loops, Trucking, Video Recording of Existing Conditions

SUPPLIERS

Aggregates, Asphalt Concrete, BMP's, Diesel Fuel, Equipment Rentals, Erosion Control, Miscellaneous Metals, Pipeline Materials, Precast Concrete Structures, Ready Mix Concrete, Shoring, Traffic Control

FY2020-2021 NON-POTABLE WATER (NPW) OFF-SITE

PIPELINE PROJECTS

Spec No. 2022-22

Location: Palm Desert, CA

Revised BID DATE: October 13, 2022 at 2:00 p.m.

All Quotes Due Prior

Sukut Construction, LLC

4010 W. Chandler Avenue, Santa Ana, CA 92704

Contact: Robbie Zwick

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

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

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

Sukut Construction, LLC An Equal Opportunity Employer



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

SUBS/SERVICE PROVIDERS

Clear & Grub, Dust Palliative, Hydroseeding, Erosion Control, Reinforcing Steel, Fencing, Bottom Dump Trucking, Super 10's Trucking, Water Truck, Street Sweeping Truck, Construction Staking (Surveying)

SUPPLIERS

Filter Fabric, Heavy Equipment Rental, Fuel Systems, Lumber Supplier, Reinforced Concrete Pipe, Sand & Gravel Supplier

Canal Replacement Project – Segment 5B, Oakley, CA
Project No. 422201

REVISED BID DATE: September 22, 2022 at 10:00 a.m.

All Quotes Due Prior

Sukut Construction, LLC

4010 W. Chandler Avenue, Santa Ana, CA 92704

Contact: Rick Welshierner

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

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

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

Sukut Construction, LLC An Equal Opportunity Employer



Kiewit Infrastructure West Co.

4650 Business Center Drive • Fairfield, CA 94534

Attn: Amanda Schroeder at norcal.bids@kiewit.com

Phone (707) 439-7300 • Fax (707) 439-7301

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

Secondary Treatment Upgrades (STU) Project

IFB No. 185822

Owner: City of Palo Alto

Bid Date: October 06, 2022 @ 3:00 PM

Subcontractor and Supplier Scopes are due September 29, 2022

Quotes/Proposals NO LATER THAN October 05, 2022 at 5 PM.

Kiewit requests Disadvantaged Business Enterprise (**DBE**), 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 for the following scopes, but not limited to:

AC Paving • Aggregates • Cast-In-Place Concrete • Cathodic Protection • Concrete Pumping • Concrete Repair • Concrete Supply • Cranes and Hoists • Demolition • Dewatering • Doors, Windows & Glazing • Drilled Concrete Piers • Dump Fees • Electrical • Electrical Supply • Electrical Testing • Fences & Gates • Fire Alarm • Hazardous Waste Removal • HVAC • Joint Sealants • Keystone Wall • Louvers • Mechanical Equipment • Minor Concrete • Misc Metals & Structural Steel • Painting and Coating • Piling • Piping and Valves • Pre-Engineered Buildings • Quality Control • Rebar • Shoring • Signage • Slide Gates and Stop Logs • Sound-Absorptive Panels • Storefronts • Striping / Pavement Markings • Survey • Sweeper Truck • SWPPP • Temporary Bypass Pumping • Trucking & Hauling • Water Truck

Certified thru, but not limited to, any of the following agencies:

www.mdba.gov ; www.epa.gov ; www.sba.gov ; dot.ca.gov

Non-DBE firms are encouraged to contract with a group of lower tier DBEs or individual DBEs.

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

Performance and Payment Bonds may be required for Subcontractors, and Supply Bond for permanent material Suppliers on this project. Bond requirement can be waived on a case-by-case basis. Please contact Kiewit for more information. Bond premiums are reimbursable by Kiewit. Please contact Kiewit for any assistance in bonding, insurance, equipment, materials and/or supplies.

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

Clean Water State Revolving Fund (CWSRF) requirements
US Environmental Protection Agency (WIFIA) grant requirements
American Iron and Steel (AIS) requirements
Davis-Bacon Act and California prevailing wage requirements
Disadvantaged Business Enterprises (40 CFR Part 33) requirements

An Equal Opportunity Employer

CA Lic. 433176

DIR #: 1000001147



5225 Hellyer Avenue, Suite #220, San Jose, CA 95138

Phone (408) 574-1400 Fax (408) 365-9548

Contact: David Metzger

Email: estimating@graniterock.com

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

Watkins Ave Grade Crossing Improvements

Owner: Peninsula Corridor Joint Powers Board

Location: Atherton, CA

Engineers' Estimate: \$2,000,000

REVISED BID DATE: September 28, 2022 @ 2:00 PM

Items of work include but are not limited to: Electrical, Demolition, Cast In Place Concrete, Rebar, Drilled Piers, Directional Drilling, Fence, Striping, Pavement Markings and Trucking.

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

SBE OUTREACH SERVICES

With 1.5 million businesses in our database, SBE is California's #1 source for diversity outreach.

Advertisements - Placed in the Small Business Exchange newspaper, SBE Today newsletter, and online at www.sbeinc.com

Faxed and Eblast Solicitations - Targeted mailings sent to businesses per your criteria.

Telemarketing - Telephone follow-up calls that follow a script of 5 questions you create.

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

Contact Info:

1160 Battery Street East, Suites #100, San Francisco, CA 94111

Email: sbe@sbeinc.com • 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



Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: Chrysler Stormwater Pump Station Improvements Project
Owner: City of Menlo Park

Revised Bid Date: September 27, 2022 @ 2:00 p.m.

PLEASE NOTE THIS IS AN ELECTRONIC BID – ALL QUOTES NEED TO BE SUBMITTED BY 12:00PM TO ENSURE QUOTE HAS BEEN RECEIVED AND REVIEWED

We are requesting quotes from all qualified DBE Subcontractors and Suppliers but not limited to:

AGGREGATES, ASPHALT, CONCRETE MATERIAL, SLURRY, LOW DENSITY GROUT, PIPE SUPPLIERS, PRECAST MATERIALS, EROS MATERIALS, ANALYTICAL TESTING, BYPASS PUMPING, CCTV, CONCRETE WORK, CAS, DEMO, DEWATERING, ELECTRICAL-BUILDING, HANDRAILING, REINFORCED CONCRETE PIPE, PLASTIC PIPE, JOINT SEAL, LANDSCAPING /IRRIGATION, MASONRY, REINFORCING STEEL, SAWCUTTING, SHORING SUBS, SOIL REMEDIATION, STRUCTURAL STEEL, SURVEYING, SWPP PLAN ONLY, TRAFFIC CONTROL, ARBORIST, TRUCKING, ACCESS DOORS/HARDWARE, ACOUSTICAL, BLDG. MASONRY, PUMPING PLANT ELECTRICAL EQUIPMENT, DAMPPROOFING, DRYWALL, FIRE PROTECTION, GENERATORS/SWITCH GEAR, HVAC, PAINTINGS/COATINGS, PLUMBING, ROOFING, WATERPROOFING.

Project Description:

The project includes, but not limited to, construct a new stormwater pumping facility including underground wet well, pump, and motor room, electrical control room, engine generator room, pumping equipment, electrical equipment and controls.

Engineers Estimate: \$9.5 million

Project information, including plans & specifications can be found at: <https://pbsystem.planetbids.com> (Menlo Park)

estimating@mountaincascade.com

Please feel free to contact Mountain Cascade, Inc. at 925.373.8370 with any questions concerning bonding, insurance, lines of credit, and job overview. We look forward to your response.

Mountain Cascade Inc. is an Equal Opportunity Employer
California License # 422496



Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: FY2020-2021 Non-Potable Water (NPW) Off-Site Pipeline Projects
Owner: Coachella Valley Water District

Bid Date: October 13th, 2022 @ 2:00 p.m.

PLEASE NOTE THIS IS AN ELECTRONIC BID – ALL QUOTES NEED TO BE SUBMITTED BY 12:00PM TO ENSURE QUOTE HAS BEEN RECEIVED AND REVIEWED

We are requesting quotes from all qualified DBE Subcontractors and Suppliers but not limited to:

AGGREGATES, ASPHALT, CONCRETE MATERIAL, PIPE SUPPLIERS, PRECAST MATERIALS, AC OILS, ASPHALT GRINDING, ASPHALT PAVING/ASPHALT STAMPED, BORE & JACK, CATHODIC PROTECTION, CHIP SEAL/SLURRY SEAL, CONCRETE FLATWORK/PAVEMENT, CAS, DEWATERING, ELECTRICAL-BUILDING, ELECTRICAL-STREET LIGHTS/TRAFFIC SIGNAL/LOOPS, EROSION CONTROL, GEOTECH ENGINEERS, REINFORCING STEEL, SAWCUTTING, SURVEYING, SWPP PLAN ONLY, TRAFFIC CONTROL, JACKED WELDED STEEL PIPE, TRUCKING, PAINTING/COATINGS.

Project Description:

The project includes, but not limited to, 46,500' of DIP varying in size from 12" to 36" diameters with associated valving & appurtenances over three distinct areas. The project also includes construction of meter vaults and associate appurtenances

Engineers Estimate: \$18- \$20 million

Project information, including plans & specifications can be found at: <https://pbsystem.planetbids.com>

(Coachella Valley Water District)

estimating@mountaincascade.com

Please feel free to contact Mountain Cascade, Inc. at 925.373.8370 with any questions concerning bonding, insurance, lines of credit, and job overview. We look forward to your response.

Mountain Cascade Inc. is an Equal Opportunity Employer
California License # 422496



Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: MIPS,3W, Effluent Bypass Project (POF016)
Owner: Vallejo Flood and Wastewater District

Bid Date: October 13th, 2022 @ 2:00 p.m.

PLEASE NOTE THIS IS AN ELECTRONIC BID – ALL QUOTES NEED TO BE SUBMITTED BY 12:00PM TO ENSURE QUOTE HAS BEEN RECEIVED AND REVIEWED

We are requesting quotes from all qualified DBE Subcontractors and Suppliers but not limited to:

PIPE SUPPLIERS, DRAINING SYSTEMS PIPE SUPPLIERS, PRECAST MATERIALS, BYPASS PUMPING, CATHODIC PROTECTION, CIDH PILES, CONCRETE PAVEMENT/PUMPING, DEWATERING, HANDRAILING, PILE DRIVING, TRUCKING, ACCESS DOORS/DOOR&HARDWARE, HATCHES, BDLG. CONSTRUCTION, PUMPING PLANT ELECTRICAL EQUIPMENT, PAINTING/COATINGS, ROOFING, MISC.METALS, FRP GRATING, ELECTRICAL-BUILDING, FOUNDATION PILES.

Project Description:

The project includes, but not limited to, construction of new pile-supported Chlorine Contact Tank D; new pile-supported Mare Island Strait Outfall Pump Station; modifications to existing Chlorine Contact Tank C; construction of outfall piping and general site improvements.

Engineers Estimate: \$40.5 million

Project information, including plans & specifications can be found at: www.vallejowastewaterplans.com

(Coachella Valley Water District)

estimating@mountaincascade.com

Please feel free to contact Mountain Cascade, Inc. at 925.373.8370 with any questions concerning bonding, insurance, lines of credit, and job overview. We look forward to your response.

Mountain Cascade Inc. is an Equal Opportunity Employer
California License # 422496



11555 Dublin Boulevard • P.O. Box 2909 • Dublin, CA 94568-2909

Phone: (925) 829-9220 / Fax: (925) 803-4263

Website: www.desilvagates.com

ESTIMATOR: DAVID CZECH

An Equal Opportunity/ Affirmative Action Employer

DeSilva Gates Construction (DGC) is requesting bids for the project listed below:

STATE ROUTE 99/TURNER ROAD INTERCHANGE PROJECT RTSTPL-5154(051)

0.3 Miles South of North Lodi Overcrossing to Turner Road Overcrossing

Disadvantaged Business Enterprise Goal Assigned is 21%

OWNER: CITY OF LODI – 310 West Elm Street, Lodi, CA 95241

BID DATE: SEPTEMBER 28, 2022 @ 11:00 A.M.

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

AC DIKE, RETAINING WALL, CLEARING AND GRUBBING/DEMOLITION, CONCRETE BARRIER, CONSTRUCTION AREA SIGNS, ELECTRICAL, EMULSION SUPPLIER, EROSION CONTROL, FENCING, LANDSCAPING, LEAD COMPLIANCE PLAN, METAL BEAM GUARDRAIL, MINOR CONCRETE, PRIME OIL SUPPLIER, ROADSIDE SIGNS, RUMBLE STRIP, SAWCUTTING, GROUND ANCHOR & SHOTCRETE, STRIPING, SURVEY/STAKING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, TEMPORARY EROSION CONTROL, TESTING, TRAFFIC CONTROL SYSTEMS, TRAFFIC CONTROL MATERIAL SUPPLIER, TRAFFIC CONTROL/ENGINEER, UNDERGROUND, VEGETATION CONTROL, TRUCKING, WATER TRUCKS, STREET SWEEPING, HOT MIX ASPHALT (TYPE A) MATERIAL, RUBBERIZED HMA (GAP GRADE) MATERIAL.

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA and 3855 North Freeway Boulevard, Suite 100, Sacramento, CA or at your local Builders Exchange, or reviewed and downloaded from the dropbox site at https://www.dropbox.com/sh/5rvdc1bwfbasgl9/AABbrd0ba51_kN3GtAESfBUoa?dl=0

or from the Owner's site at <https://www.ciplist.com/plan/?Lodi/city/12595/plan/4589>

Fax your bid to (925) 803-4263 or email to dgcestimating@desilvagates.com to the attention of Estimator David Czech. 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/Affirmative Action Employer.



11555 Dublin Boulevard • P.O. Box 2909 • Dublin, CA 94568-2909

Phone: (925) 829-9220 / Fax: (925) 803-4263

Website: www.desilvagates.com

ESTIMATOR: GARRY DAY

An Equal Opportunity/ Affirmative Action Employer

DeSilva Gates Construction (DGC) is requesting bids for the project listed below:

TREASURE ISLAND CITYSIDE WATERFRONT PARK

Treasure Island Street Improvements, Sub Phase 1B, 1C & 1E

Small Business Enterprise Goal Assigned is 41%

OWNER: TREASURE ISLAND DEVELOPMENT GROUP

1 Sansome Street, Suite 3200, San Francisco, CA 94104

CM/GC: DESILVA GATES CONSTRUCTION

11555 Dublin Boulevard, Dublin, CA 94568

BID DATE: SEPTEMBER 21, 2022 @ 5:00 P.M.

We hereby encourage responsible participation of local Small Business Enterprises/Local Business Enterprises, and solicit their contractor or materials and/or suppliers' quotation for the following types of work including but not limited to:

CONSTRUCT CITYSIDE WATERFRONT PARK COMPLETE AND IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND ALL OTHER DOCUMENTS IN THE PROVIDED DROPBOX LINK.

Plans and specifications may be reviewed and downloaded from the Dropbox site at <https://www.dropbox.com/sh/dhbbhhwzhtpn48/AABCMS3zrrRABYogDmo949Zya?dl=0> Addendum 1 and 2 have been issued.

Information is also available on the City and County of San Francisco's website at

<https://sftreasureisland.org/contracting-ticd>

Email bids to gday@desilvagates.com to the attention of Estimator Garry Day. If you have questions, please email.

If you need SBE/LBE 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. DGC is willing to breakout portions of work to increase the expectation of meeting the SBE/LBE 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.

CAHILL CONTRACTORS LLC

requests bids from Certified SBE Subcontractors and Suppliers for the following select DESIGN BUILD trades ONLY:

Fire Sprinklers, Solar, Exterior Building Maintenance

160 FREELON - EARLY DESIGN BUILD TRADE BID

160 Freelon St, San Francisco, CA 94107

This is a San Francisco project with construction workforce, prevailing wage, and local hiring requirements.

BID DATE: 10/3/22 @ 2PM

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

CONTACT: Wendy Kirton at

estimating@cahill-sf.com, (415) 677-0611.



CALIFORNIA SUB-BID REQUEST ADS

SKANSKA

Subcontractor/Supplier Bids/Proposals Requested

Owner: California Department of Transportation
Caltrans Contract Number: 07-316004

Revised Proposal Due Date: November 10, 2022 – 2:00 PM
DBE – 23%

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

CONSTRUCTION ON STATE HIGHWAY 14 IN LOS ANGELES COUNTY IN PALMDALE AND LANCASTER FROM TECHNOLOGY DRIVE UNDERCROSSING TO AVENUE "A" OVERCROSSING

Plans & Specs can be accessed and download online at:
Caltrans Office of Engineer dot.ca.gov/des/oe/weekly-ads

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

Construction Area Signs, Traffic Control, Striping, PCMS Boards, Temporary Railing (Type K), Implement BMP's, SWPPP, Erosion Control, Street Sweeping, Clear and Grub, Roadway Excavation, Roadway Excavation (ADL), Class 3 Aggregate Base, Hot Mix Asphalt, Place HMA DiKE, Tack Coat, Remove AC DiKE, Cold Plane Asphalt Concrete Pavement, Joint Seal, Remove Concrete Pavement and Base, Minor Concrete, Paving Notch Extension, Rock Slope Protection, Pre/Post Construction Surveys, Miscellaneous Iron And Steel, Guardrail Systems, Roadside Signs, Rumble Strip, 6" Rumble Strip (asphalt concrete pavement), Electrical Systems, Structural Signs, Grind Existing Concrete Pavement, Structural Concrete Approach Slab, Concrete Aggregates, Cement, Fly Ash, Admixtures, Tie Bars, Dowel Bars, RSC Aggregate and Cementitious Materials, Trucking, Quality Control, and Water trucks.

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

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

SFTC – San Fernando Tranist Constructors

DBE Subcontractor/Supplier Bids/Proposals Requested
Owner: Los Angeles County Metropolitan Transportation Authority
LACMTA RFP NO. PS89616
Please Submit Proposals By: Sept 26, 2022 11am
Phase 1 Pre-Construction: DBE Goal = 18%

SFTC is interested in soliciting in Good Faith all subcontractors, material suppliers, service consultants, and vendors, as well as certified DBE firms related to the scopes of work below for the

EAST SAN FERNANDO VALLEY LIGHT RAIL TRANSIT LINE PROJECT: Progressive Design Build San Fernando Valley, CA

Project Documents can be accessed and download online at Building Connected here:
<https://app.buildingconnected.com/projects/62f57cd6f3d25c005dbfa091/bid-packages>

Requested scopes include, but are **not limited** to the following and should be based on Contract and its amendments: Environmental Consulting, Scheduling, Constructability Review, Falsework Design, Utility Coordination, Potholing, Preconstruction Survey, Stakeholder Engagement, Noise and Vibration Monitoring

Requirements: SFTC is an Equal Opportunity Employer and encourage the participation of Small Business Enterprises. We are requesting quotes from all qualified subcontractors and suppliers. Skanska will assist qualified subcontractors, vendors, & suppliers in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies. All DBE firms must be certified by the proposal due date. Should you have any questions regarding LACMTA's certification process, please contact us or LACMTA's certification Hotline at (213) 922-2600. If you are a DBE Company, please provide your certification letter with your proposal. If you are a Non-DBE, please indicate all lower-tier participation on your quotation as it will be evaluating it with your price. In order to assist DBEs subcontractors and suppliers, we will divide total requirements into smaller packages, tasks or quantities & establish delivery & construction schedule, which will permit maximum participation when feasible. Skanska's insurance requirements are Commercial General Liability (GL): \$1M ea. occ., \$1M personal injury, \$2M products & completed operations agg. & general agg.; \$1M Auto Liability; \$5M Excess/Umbrella and \$1M Workers Comp. Endorsements and waivers required are the Additional Insured End., Primary Wording End., & a Waiver of Subrogation (GL & WC). Other insurance requirements may be necessary per scope or RFP requirement. Subcontractors may be required to furnish performance & payment bonds in the full amount of their subcontract by an admitted surety & subject to approval by Skanska. Quotations must be valid for the same duration as specified by the Owner for contract award. Conditions or exceptions in Subcontractor's quote are expressly rejected unless accepted in writing. Skanska is signatory to the Operating Engineers, Laborers, Cement Masons, & Carpenters Unions. Subcontractors must provide weekly, one original and one copy of all certified payrolls, including non-performance and fringe benefit statements if required by law or by the Prime Contract. Please note that all Contractors and Subcontractors must register with The DIR (Department of Industrial Relations) in order to bid on public works projects. Include CSLB License Number and DIR Number on All Quotes Submitted.

San Fernando Transit Constructors - SFTC is an Equal Opportunity/Affirmative Action Employer
EEO/AA/Vet/Disability Employer
Estimating Department: 1995 Agua Mansa Rd, Riverside, CA 92509
Phone: (951) 684-5360, Fax: (951) 788-2449
Lead Estimator: Ken Epps • Email: bids.socal@skanska.com

SKANSKA

Subcontractor/Supplier Bids/Proposals Requested

Owner: California Department of Transportation
Caltrans Contract Number: 08-1G8304
Bid Due Date: October 13, 2022- 2:00 PM
DBE -24%

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

FOR CONSTRUCTION ON STATE HIGHWAY IN SAN BERNARDINO COUNTY AT ESSEX FROM 1.1 MILES EAST OF ESSEX ROAD OVERCROSSING TO 0.5 MILE EAST OF HALFWAY HILLS WASH BRIDGE

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

Requested scopes include, but are **not limited** to the following and should be based on the Contract and its amendments: Aggregates, Bridge Bearing Pads, CMP Pipe, Geotextiles, Joint Seal Material, Miscellaneous Iron & Steel, PVC Pipe, Erosion Control Materials, Traffic Control Materials, HMA Paving, AC DiKE, Biologist, Construction Area Signs, CIDH Piling, Clearing & Grubbing, Concrete Barrier, Demolition, Erosion Control, Electrical, Fence & Railing, Guardrail, Quality Control, Bar Reinforcing Steel, Rock Slope Protection, Striping, Underground, Sweeper, Trucking, Water Truck

Requirements: Skanska is an Equal Opportunity Employer and is requesting quotes from all qualified subcontractors and suppliers. Skanska will assist qualified subcontractors and suppliers in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies. If you are a DBE Company, please provide your certification letter with your proposal. If you are a non-DBE, please indicate all lower-tier participation on your quotation as it will be evaluated with your price. In order to assist DBE subcontractors and suppliers, we will divide total requirements into smaller packages, tasks or quantities and establish delivery and construction schedules which will permit maximum participation when feasible. Project documents can be reviewed by appointment in our office Monday through Friday, 7:00 am to 4:00 pm. Subcontracting Requirements: Skanska's insurance requirements are Commercial General Liability (GL): \$1M ea. occ., \$1M personal injury, \$2M products and completed operations agg. and general agg.; \$1M Auto Liability; \$5M Excess/Umbrella and \$1M Workers Comp. Endorsements and waivers required are the Additional Insured End., Primary Wording End., and a Waiver of Subrogation (GL & WC). Other insurance requirements may be necessary per the scope or RFP requirement. Subcontractors may be required to furnish performance and payment bonds in the full amount of their subcontract by an admitted surety and subject to approval by Skanska. Quotations must be valid for the same duration as specified by the Owner for contract award. Conditions or exceptions in Subcontractor's quote are expressly rejected unless accepted in writing. Skanska is signatory to the Operating Engineers, Laborers, Cement Masons, and Carpenters Unions. Subcontractors must provide weekly, one original and one copy of all certified payrolls, including non-performance and fringe benefit statements if required by law or by the Prime Contract. Please note that all Contractors and Subcontractors must register with the DIR (Department of Industrial Relations) in order to bid on public works projects. Include CSLB License Number and DIR Number on All Quotes Submitted.

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

GRANITE CONSTRUCTION COMPANY
Is requesting DBE quotes for the following Project:

Caltrans 08-1G8304 – I-40 Halfway Hills Wash Bridge Replacement
Project Owner: State of California Department of Transportation

BID DATE: 10/13/2022 @ 2:00 PM

Points of Contact: Joe Richardson – (760) 391-6247 – joe.richardson@gcinc.com
Quotes can be sent to: Fax (760) 775-8229 / Email: DCR.estimating@gcinc.com

General work description: This project replaces the existing bridges at Halfway Hills Wash on Interstate 40 in Essex with new slab bridges on CIDH piles. Traffic will be detoured to the opposite side of the freeway while each bridge is being replaced.

Plans and specifications can be accessed at no cost at:

Plans: <http://ppmoe.dot.ca.gov/des/oe/weekly-ads/plans.php?id=08-1G8304>
Specs: <http://ppmoe.dot.ca.gov/des/oe/weekly-ads/specs-ntb.php?c=08-1G8304>

Additionally, plans and specifications can be viewed at our office located at: 38000 Monroe Street, Indio, CA 92203. Please call to make an appointment.

Granite Construction Company (Granite) is requesting quotes from qualified Subcontractors and Suppliers including Certified DBE firms for the following items of work, including but not limited to: B1420 Crushed & Broken Stone, B1440 Sand & Gravel, C0624 Petroleum, Oil, Lubricants Supplier, C0625 Sand & Gravel Supplier, C0627 Rock, Cobbles, Bolders Supplier, C0639 Asphalt Supplier, C0651 Concrete & Cement Supplier, C0652 Reinforcing Bar Section Supplier, C0657 Lumber Supplier, C0670 Pipe Supplier, C0680 Fencing Supplier, C0683 Guard Railings & Barriers Supplier, C0685 Pavement Markers Supplier, C0686 Electrical & Signals Supplier, C0800 Traffic Striping, Marking And Traffic Control Materials Supplier, C0900 Bridge Deck Materials Suppliers, C1200 Construction Area Signs, C1201 Traffic Control System, C1290 Temporary Railing (Type K), C1531 Plane Asphalt Concrete, C1532 Remove Concrete, C1575 Remove Bridge Item, C1601 Clearing & Grubbing, C1701 Develop Water Supply, C1901 Roadway Excavation, C1910 Grading, C1920 Structure Excavation, C1930 Structure Backfill, C1970 Embankment Construction, C1980 Imported Borrow, C2021 Hydroseeding, C2030 Erosion Control, C2066 Temporary Erosion Control, C2602 Aggregate Base, C3901 Asphalt Concrete, C3910 Paving Asphalt (Asphalt Concrete), C3940 Place Asphalt Concrete DiKE & Misc, C3990 Recycle, Reclaim Asphalt Concrete, C4906 Cast-In-Drilled-Hole Concrete Piling, C5100 Concrete Structure, C5105 Minor Concrete Structure, C5190 Joint Seal - Water Stop, C5201 Reinforcing Steel, C5620 Roadside Sign, C5701 Lumber & Timber, C6650 Corrugated Metal Pipe (Csp), C7000 Plastic Pipe, C7200 Rock Slope Protection, C7215 Concrete-Rock Slope Protection, C7500 Misc Iron & Steel Frame, Cover & Grate, C7602 Saw Cutting, C8000 Fencing, C8001 Temporary Fencing, C8201 Object Marker, C8320 Metal Beam Guard Railing, C8331 Concrete Barrier, C8396 Crash Cushion, C8405 Thermoplastic Traffic Striping & Marking, C8406 Painted Traffic Striping & Marking, C8407 Remove Pavement Marking & Traffic Stripes, C8501 Pavement Marker, C8604 Lighting, C8792 Environmental - Biological Studies, C8851 Lead Compliance, C8852 Swppp Planning, C8853 Biological Resources Studies, C9601 Super Dump Truck 4-Axle, C9602 Bottom Dump Trucking, C9603 Transfer Dump Truck, C9604 Super 10 Dump Truck, C9605 Flat Bed Trucking, C9606 Water Truck, C9607 End Dump Truck, C9608 Asphalt Oil Tankers, C9609 Street Sweeping Truck, C9670 Truck Rental, C9771 Truck Broker, C9774 Trucker, C9810 Small Structures, C9811 Small Structures, C9905 Cutting

Granite is an Equal Opportunity Employer and will work with any interested subcontractor to identify opportunities to break items into any economically feasible packages. We welcome quotes from qualified Minority Business Enterprise (MBE), Women Business Enterprises (WBE), Small Business Enterprises (SBE), Disadvantaged Business Enterprises (DBE) and other entities defined as socially and/or economically disadvantaged.

Assistance in obtaining bonding, insurance, equipment, materials and/or supplies is available upon request. Additionally, please contact us if you require any technical assistance. Quotations must be valid for same duration as specified by Owner for contract award. Granite intends to work cooperatively with all qualified firms seeking work on this project.

This project has a 24% DBE goal. In addition to request for participation from Certified DBE subcontractors and suppliers, Granite requests Non-DBE subcontractors to provide lower-tier DBE subcontractor and/or supplier participation. Bidders are encouraged to indicate lower-tier DBE participation, as it will be evaluated as part of their quote.

Please include your Contractor License Number and DIR Registration Number on your quote

Granite Construction Company is signatory to Operating Engineers, Laborers, Cement Masons Teamsters and Carpenters unions. Granite may require 100% performance and payment bonds for the full amount of subcontract price. Granite Construction will assist with bonding costs for subcontractors. Additionally, The US Small Business Administration may also assist you in obtaining bonding, for more information please visit them at <http://www.sba.gov/content/contractors#>. Subcontractors must possess a current contractor's license, DIR number, insurance, and worker's compensation coverage meeting Granite's requirements. All quotes are subject to the terms of Granite Construction Company's applicable standard form agreement which is available through the following link: <https://www.dropbox.com/sh/93iswduu5iw13t6f/AACaZvS8j7xY7Ja0IH-dL0J-a?dl=0>



CALIFORNIA SUB-BID REQUEST ADS



Subcontractor/Supplier Bids/Proposals Requested

Owner: City of Temecula
Project NO. PW16-01
Federal Project No. INFRALUL-5459(031)
Bid Due Date: October 6, 2022- 10:00 AM
DBE -21%

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

I-15/ French Valley Parkway Improvements-Phase II

Plans & Specs can be accessed and download online at:
I-15/ French Valley Pkwy Imp. Ph-2
buildingconnected.com

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

Construct collector/ distributor lanes along northbound I-15 from the Winchester Road Interchange to the I-15/ I-215 Junction with connectors to I-15 and I-215, within the cities of Temecula and Murrieta in Riverside County, California. The general items of work include: freeway widening, concrete barriers, concrete and asphalt concrete paving, retaining walls, sound walls, drainage, electrical, bridge widening, new bridge construction, signing and striping, construction area signs, temporary barrier system, Site Security, Traffic Control, Signs, Fencing, SWPPP, Concrete Reinforcing, Concrete, Concrete Removal, Saw Cutting, Metal Fabrications, Electrical, Well Points, Dewatering, Clearing and Grubbing, Stripping, Excavation, Riprap, Cold Plane Existing Asphalt Pavement, Aggregate Base Course, Traffic Lines and Markings, Topsoil, HDPE Pipe, Reinforced Concrete Pipe, Geotextile, Revegetation, Weir boxes, Asphalt Paving, Construction Area Signs, Concrete Highway Barriers, Minor Concrete, Shotcrete, Concrete Flatwork, Aggregate Supply, Structures and Bridge Demolition, Drainage, Drilled Shafts, Soil nails, Post Tensioning, Erosion Control, Electrical/Lighting system /ITS, Fencing, Guardrail, Landscape, Milling, Monitoring, Painting, Rebar, Signage, Sign Structures, Staining, Striping, Survey, Traffic Control, Temporary Concrete Barrier, Trucking, Sweeping, Crane Rental, Temporary Shoring, Temporary offices, Temporary K-rail, Pipe Material Supply, Concrete Formwork, Excavation, Earthwork, Quality Control, Expansion Joints.

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

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



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:

**State Route 99/Turner Road
Interchange Project
City of Lodi**

Federal Project No. RTSTPL-5154(051)
BID DATE: September 28, 2022 @ 11:00 AM

We are soliciting quotes for (including but not limited to): Trucking, Temporary and Permanent Hydroseed and Erosion Trucking, Temporary and Permanent Hydroseed and Erosion Control Measures, QC/QA Testing, Construction Staking, Pothole Underground Utility, Lead Compliance Plan, Traffic Control System, Construction Area Signs, Stationary Impact Attenuator Vehicle, Portable Radar Speed Feedback Sign, Portable Flashing Beacons, Portable Changeable Message Sign, Alternative Crash Cushion Systems, Water Pollution Control & Dust Control, Treated Wood Waste, Clearing & Grubbing, Import Borrow, Planting & Irrigation, Data Core, AC Dike, Minor Structures, Concrete Collar, Architectural Treatment, Concrete Pipe, Concrete-Rock Slope Protection, Detectable Warning Surface, Minor Concrete, Pre/Post Construction Surveys, Misc. Iron & Steel, Retaining Walls, Emergency Vehicle Preemption System, Anti-Graffiti Coating, Pavement Marker, Object Marker, Roadside Signs, Vegetation Control (Minor Concrete), Tubular Handrailing, Transition Railing, Alternative In-Line Terminal System, Pedestrian Barricade, Steel Pedestrian Railing, Guard Rail, Prime & Tack Coat, Booster Pump, Concrete Barrier, Structural Concrete Retaining Walls, Cable Railing, Structural Shotcrete, Reinforcing Steel, Ground Anchors - Subhorizontal, Type III Barricades, Channelizers, Striping & Marking, Rumble Strip, Traffic Monitoring Stations, Maintain Existing Traffic Management System Elements During Construction, Signal & Lighting System, Flashing Beacon System, Camera Systems, Modify Lighting Systems, and Construction Materials

Jean Sicard (510-809-3411 jsicard@ocjones.com) is the estimator on this project and 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. PDF format quotes should be emailed to the estimator or faxed to 510-526-0990 prior to 12:00 PM 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. Please contact OCJ for any assistance required by your firm in obtaining bonding or insurance. The US Small Business Administration may also assist you in obtaining bonding - please see the following site for information: <http://www.sba.gov/content/contractors>. Visit the California Access to Capital Program Financing Solutions website for additional resources for your small business - http://www.calbizfinance.org/cal_cert_biz_program.html. OCJ is available to help obtain necessary equipment, material and/or supplies. 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.

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Can California really make power grid 100% green?

Continued from page 1

deadline for converting to a carbon-free electrical grid.

Last Tuesday, when power consumption peaked in the late afternoon, renewable sources, principally solar panels, supplied just over a quarter of ISO-managed juice, while plants powered by natural gas were producing nearly half. Later, as the sun began to set, solar arrays generated steadily less power, finally tapering off to zero, while the gas plants' share of the load increased rapidly.

Climate scientists tell us that that Tuesday's experience, including elevated demands on the grid, will become more common. Meanwhile, California theoretically will, in just 13 years,

more than triple its proportion of renewable power production.

But there's more. Power demand will not only increase due to climate change, but because California will be shifting everything it can from hydrocarbons to electricity.

Meeting ambitious goals for zero-emission cars – the vast majority of them powered by batteries – will require much more power to recharge them so that Californians can continue to drive almost a billion miles a day. Simultaneously, the state wants to phase out gas-powered home appliances and other devices, such as lawn mowers, and replace them with electric models.

The sharp decline in solar power in late afternoon and early evening hours also requires banking renewable juice when it's available so

that the grid can continue to meet overnight demand – such as recharging the 30 million or so battery-powered cars we will be compelled to buy.

The state now has a few battery banks to preserve solar power but scaling up will be enormously difficult and expensive and at the moment there are few alternatives.

Finally, the grid itself – the massive complex of high-voltage lines linking generators and importing power from other states – will need upgrading, not only to handle the conversion of power sources, but to meet rising demands and to prevent failures that cause wildfires.

Is California really up the task that the new legislation mandates, a very expensive, relatively rapid conversion and expansion of this im-

mensely complicated and absolutely vital thing we call the grid?

Recent history is not reassuring. This is a state government that took a quarter-century to replace one third of the San Francisco-Oakland Bay Bridge after the 1989 Loma Prieta earthquake, has been futzing around with a bullet train project for 14 years with little progress, and has dozens of bollixed information technology projects.

Electric power transformation would be infinitely more difficult than any of those.

SOURCE:
<https://calmatters.org/commentary/2022/09/can-california-really-make-power-grid-100-green/>