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Construction Sabermetrics: The People Part of the Equation



[Article was originally posted on Autodesk Construction Cloud Blog. constructionblog.autodesk.com]

By Matthew Steere,

Is there a formula for business success? In many industries, we speak of three focus areas to achieve business transformation. They include:

- People (the who): Those that we count on to complete the task or project
- Process (the what and how): The steps required by people or technology to complete a task
- Technology or Tools (the how and what): Equipment or tools to aid in accomplishing the task

In most situations and customer engagements I have been involved in, the "People" category consistently rises to the top as the most important. So, if people are the most critical, why do we spend most of our time defining and refining the process, technology, and tools that our people use? In this article, we'll take a look at how construction firms can consider people differently and how this thought process can alleviate some of the key challenges organizations face.

What Construction Can Learn From Baseball

Billy Beane, the Executive Vice President of baseball operations for the Oakland A's, is a great example of one who understands people. Having been a former professional player himself, he also knows the need for proper processes and tools to get the job done.

As a young professional in the office, he was faced with limited resources and the expectation to win. Billy was tasked with finding players on a reduced payroll for the Oakland A's. With tight payroll constraints, he decided to leverage historical data to change the way players were recruited. These historical in-game statistics are called "sabermetrics." He was able to rank and prioritize the sabermetrics that shed light on players' most important statistics that increased game-winning percentages. For example, Beane was able to prioritize on-base percentage over stolen base percentage. Through this practice, he operates one of the most cost-effective organizations that consistently achieves one of the league's highest winning percentages. This phenomenon is documented in the book and movie "Moneyball."

What is the parallel to the construction industry? How can we put the learning of baseball and Billy Beane to work for us for our project teams? How can statistics help us alleviate issues like labor

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shortage today? The answer to all these questions is encapsulated in my new term called "Construction Sabermetrics."

What Is Construction Sabermetrics?

I was in a conversation with a close friend that is currently struggling with the demands of the industry and the continued dilemma of labor shortage and staff retention. I ran through the following scenario with him:

"How do you recruit construction personnel today?" I asked. He told me that the company goes to colleges and participate in career day events, student projects, and sponsor competitions. I asked if there was anything else they were doing to support and foster current students to entice them to the industry and their company? He informed me that there were multiple staff members mentoring students, inviting classes to active construction sites, and teaching classes at local colleges. They also participate in grade school career days and volunteer in the communities.

"Seems like a reasonable and traditional approach," I said. "Now let's think about people a little differently. Who is the most important person on a construction site?" I asked.

"Well, they are all important," he said.





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

SUBS/SERVICE PROVIDERS

Survey, Traffic Control, Dewatering, Earthwork & Site Prep, Paving, Fencing, Landscape Planting & Irrigation, Rebar, Concrete Pumping, Pre-Engineered Building, Waterproofing, Concrete Protective Liner, Painting, Disinfection, Cathodic Protection, Electrical, Controls & Info System, Trucking

SUPPLIERS

Aggregates, Misc. Metals, CIP Concrete, Doors, Windows, Hardware, Cathodic Protection, Packaged Engine Generator System, Precast Manholes, Precast Vaults

City of Newman Hexavalent Chromium (Cr6) Compliance Water System Project

Located in Newman, Stanislaus County, California REVISED BID DATE March 23, 2020 at 4:00 p.m.

All Quotes Due Prior

Sukut Construction, LLC

4010 W. Chandler Avenue, Santa Ana, CA 92704 Contact: Eric Bodyfelt

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. Sub-contractors 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 Sub-contract/Purchase Order. Copies are available for examination. Please contact 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

CAHILL CONTRACTORS LLC requests bids from Certified SBE Subcontractors and Suppliers for ALL trades EXCEPT:

Fire Sprinkler / Exterior Building Maintenance / Solar / Piles / Elevators / Modular

MISSION BAY SOUTH BLOCK 9 -REMAINING TRADES

410 China Basin, San Francisco CA

This is an OCII project with construction workforce and prevailing wage requirements.

BID DATE: 3/18/20 @ 2 PM Voluntary Pre-bid Meeting: 3/4/20 @ 3PM

ntary Pre-bid Meeting: 3/4/20 @ 3P 425 California St., Suite 2200

San Francisco, CA 94104 **BID DOCUMENTS:** Please contact Colby for access to documents on BuildingConnected.

CONTACT:

Colby Smith at <u>estimating@cahill-sf.com</u>, (415) 677-0611.

CAHILL CONTRACTORS LLC requests bids from Certified SBE Subcontractors and Suppliers for the following EARLY TRADES ONLY:

Demolition / Earthwork / Drilled Piles (Design-Build) / Shoring (Design-Build)

> BALBOA PARK UPPER YARD -DESIGN BUILD BID

2340 San Jose Ave, San Francisco CA

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

BID DATE: 3/13/20 @ 2 PM

Voluntary Pre-bid Meeting: TBD

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

CONTACT:

Colby Smith at <u>estimating@cahill-sf.com</u>, (415) 677-0611.

Advertise with the Small Business Exchange

Utilize SBE's TARGET DISTRIBUTION to reach the DBEs, SBEs, DVBEs, MBEs, and OBEs that match the trades and goods you need. www.sbeinc.com

NBC Construction & Engineering Inc. as a "GENERAL CONTRACTOR" is requesting proposal on "ALL TRADES" from all subcontractors

& suppliers, including DVBE, LBE, DBE, SBE, MBE, WBE firms for the following project:

PROJECT TITLE:

Marshall Elementary School Exterior Fence Replacement Project SFUSD Project Number: 12035

BID DATE & TIME: 3/10/2020 @2:00PM

PROJECT LOCATION:

MARSHALL ELEMENTARY SCHOOL 1575 15th Street , San Francisco, CA 94103 Owner: San Francisco Unified School District

NBC Construction & Engineering Inc. 850 South Van Ness Avenue

San Francisco, CA 94110

Phone # 925-324-2727 • Fax # 800-622-9144

All Bidders are hereby notified that the District has a Labor Compliance Program (LCP) -Prevailing Wages in effect on this Project and all contractors and subcontractors bidding this project will be required to comply with the LCP. In addition, All the Certified Payrolls (CPR) must be reported through Elation System and DIR website. Bidder is responsible for all shipping and handling fees. Plans are available for viewing at www.e-arc.com/location/san-francisco-hooperstreet/ Click on the Order from PlanWell/Public Planroom "button" and search for project name and number. Or contact us.

Please Submit & Fax all proposals to 800-622-9144 For more information, Please call Mike Schalchi at (925)-322-7473

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

Contact Info:

795 Folsom Street, 1st FIr, 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



AECOM Imagine it. Delivered.

AECOM is bidding on the following project as a prime contractor:

On-Call Engineering Design and Support Services for Dams (RFP No: BRC0000119) for the County of Los Angeles Public Works Bid Date: March 11, 2020 at 2pm

Subconsultant Qualifications Due: March 4, 2020

AECOM is seeking qualifications from locally based certified minority firms disabled veterans (DVBEs), disadvantaged business enterprises (DBEs), and minority and women-owned business enterprises (MBEs and WBEs) and other subcontractors for the following work:

- Hydrology and Hydraulics
- Structural Engineering
- Electrical Engineering
- Surveying
- Construction Cost Estimating
- Instrumentation/SCADA
- CCTV/Utility Location Services

- Condition Assessments
- Materials Laboratory
- Environmental Testing Laboratory
- Back Ho Services
- Heavy Equipment

Certification through L.A. County's Local Small Business Enterprise (LSBE) Program and experience providing similar services directly to local agencies, cities, and/or counties is preferred.

This proposal is in alignment with the County's Community Business Enterprise (CBE) Program requirements.

AECOM can provide assistance to firms in obtaining required bonds, lines of credit, insurance, and/or necessary equipment, supplies, and materials. No plans are available but the RFP can be provided, if requested. AECOM intends to conduct itself in good faith regarding all firms.

Interested businesses should email a one-page firm overview with L.A. County and relevant experience and include proof of LSBE, DVBE, DBE, MBE, and/or WBE certification to debra.rahal@aecom.com.



777 South Figueroa St. Los Angeles, CA 90017 Tel: (562) 567-2549 • Fax: (562) 946-3823 Contact: Tanya Stukes Email: SanFernandoGR.Bids@kiewit.com Visit: https://www.kiewit.com/sfgrp

SAN FERNANDO GROUNDWATER REMEDIATION PROJECT Owner: Los Angeles Department of Water and Power (LADWP) Progressive Design Builder: Kiewit Infrastructure West Co. Anticipated Requests for Proposal (RFP) Release Date: March 3, 2020 Proposal/Quote Deadlines will be posted in BuildingConnected by bid package.

Seeking qualified firms (including SBEs, DVBEs, DBEs, 8(a)s, SLBs, EBEs, SBs, MBs, SMBEs, SWBEs, WOSBs, EDWOSBs) to provide a notice of interest to receive a bid/RFP package or provide a quote in their respective areas of work or

SUBCONTRACTOR & VENDOR OPPORTUNITIES

Kiewit may be requesting quotes for various areas of work listed in, but not limited to, the scope/supplier categories:

Aggregates Concrete Wash Out Construction Cameras Demolition Electrical Substructure/Ductbank

Environmental Monitoring &

Fuel Storage/Delivery Ice/Water Services

Inspection & Testing Services Janitorial Services Job-Site Security M.O.T Permitting/Design Manholes (pre-cast) Office Trailers Peroxide Tanks Pre-Construction Video/CCTV

Sewer Lift Stations (pre-cast)

Shoring Design SWPPP Plan Temp Fencing Temp Utilities Underground Pipe Waste Management Water Truck/Street Sweeping

Respond with interest at: http://survey.constantcontact.com/survey/a07egy5fa4hk7b1rs1j/start to receive an invitation to bid via BuildingConnected.

This is a Public Works Project subject to prevailing wage rates and a *Project Labor Agreement*.

For information or questions on the contract requirements, availability of plans and specs and licensing, bonding, insurance, etc., please contact our office.

"Kiewit is an Equal Opportunity Employer. Employment decisions are made without regard to race, color, religion, national or ethnic origin, sex, sexual orientation, gender identity or expression, age, disability, protected veteran status or other characteristics protected by law."



P.O. BOX 100 Folsom, CA 95763 Phone: (916) 351-0457 Fax: (916) 351-1674 Contact: Brad Schieckoff Email: BradS@srco.com & estimating@srco.com

Sub-Bids Requested From

DBE, MBE, WBE, SBE, SBRA, LSAF, HUB Subcontractors & Suppliers for:

OWNER: CITY OF NEWMAN HEXAVALENT CHROMIUM (CR6) COMPLIANCE WATER SYSTEM PROJECT

BIDDING MARCH 23, 2020 AT 4PM.

Scope of Work: Project consists of the completion of Well No. 10 equipping and installation and equipping of a booster pump station, transmission and distribution mains, and water services in Newman, CA. The work includes, but is not limited to: site grading; a new well pump, motor, controls; piping, valves and appurtenances; 1.0 MG water storage tank; three new booster pumps and motors; concrete, electrical work; approximately 463 LF of 8-inch transmission main, 2,723 LF of 16-inch transmission main; 614 LF of 6-inch water services; tie-in to the existing system and associated work, and all other items not mentioned above that are required by the Contract Documents. This project is funded through a Drinking Water State Revolving Fund (DWSRF) with specific requirements for bidding and performance.

DBE Work Available/ Items of Work:

Traffic Control, Erosion Control, Demo, Clear and Grub, Earthwork, Trenching, Paving, Fence, Concrete, Pre-Cast, Metal, Painting, Metal Building, Sign and safety equipment, Storage tank, Pipe, valve, etc, pump treatment system, Electrical, HVAC, Trucking, Rebar, Aggregate Supply, Masonry, Landscaping

If a portion of the work is too large for you to handle, contact us and we will try and break it into smaller por-

Subcontractors and suppliers must be licensed to conduct business in the state of California. Must be able to provide payment and performance bonds provided by approved surety company. SRC will pay bond premium up to 1.5% of subcontract amount and will assist with insurance compliance. SRC will work with subcontractors on joint check agreements. Plans and specs are available for viewing at our Folsom office and upon request will provide FTP site for electronic viewing of project.

Bonding, insurance, lines of credit and any technical assistance or information related to the plans or specifications for the work will be made available. Assistance with obtaining necessary equipment, supplies, materials, or related assistance or services for this project will also be offered.





DESILVA GATES

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

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

CALTRANS RTE 99 - IN SUTTER COUTY IN AND NEAR LIVE OAK FROM 0.1 MILE SOUTH OF COLEMAN ACENUE TO NEVADA STREET (NORTH INTERSECTION) CONTRACT NO. 03-3F99U4 -FEDERAL AID PROJECT NO. ACNH-P099(649)E Disadvantaged Business Enterprise Goal Assigned is 18%

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

BID DATE: MARCH 11, 2020 @ 2:00 P.M.

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

AC DIKE, CLEARING AND GRUBBING/DEMOLITION, COLD PLANE, CONSTRUCTION AREA SIGNS\BARRI-CADE & CHANNELIZER, ELECTRICAL, EROSION CONTROL, FENCING, LANDSCAPING, LEAD COMPLIANCE PLAN, METAL BEAM GUARDRAIL, MINOR CONCRETE, MINOR CONCRETE STRUCTURE, CRCP & STRUCTURAL CONCRETE PAVING, ROADSIDE SIGNS, RUMBLE STRIP, STRIPING, SWPPP PREP/WATER POLLUTION CONTROL PLAN PREPARE, SURVEY/STAKING, TEMPORARY EROSION CONTROL, TRAFFIC CONTROL SYSTEM, UNDERGROUND, VEGETATION CONTROL, TRUCKING, WATER TRUCKS, STREET SWEEPING, CLASS 2 AGGREGATE BASE MATERIAL, HOT MIX ASPHALT (TYPE A) MATERIAL, HOT MIX ASPHALT (COGFC) MATERIAL, RUBBERIZED HMA (GAP GRADE) MATERIAL.

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 College Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com (if prompted the username is ftp@desilvagates.com 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 Victor Le. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at www.dir.ca.gov/Public-Works/Public-Works.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.

DESILVA MGATES

CONSTRUCTION

11555 Dublin Boulevard • P.O. Box 2909 Dublin, CA 94568-2909 (925) 829-9220 / FAX (925) 803-4263 Estimator: QUINN HANCE 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:

PLEASANT HILL ROAD IMPROVEMENT PROJECT (GREGORY LANE TO TAYLOR BOULEVARD) Project No. 01-20,

Federal Project No. STPL-5375(034) Disadvantaged Business Enterprise Goal Assigned is 8%

OWNER:

CITY OF PLEASANT HILL 100 Gregory Lane, Pleasant Hill, CA 94523 BID DATE: MARCH 18, 2020 @ 2:00 P.M.

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

ADJUST IRON, COLD PLANE, MISCELLANEOUS IRON AND STEEL FRAME COVER AND GRATE, STRIPING, SURVEY/STAKING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, TEMPORARY EROSION CONTROL, TESTING, TRUCKING, WATER TRUCKS, STREET SWEEPING, EROSION CONTROL MATERIAL, HOT MIX ASPHALT (TYPE A) MATERIAL.

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 College Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com (if prompted the username is ftp@desilvagates.com and password is f7pa55wd) or from the Owner's site at http://www.ci.pleasanthill.ca.us/363/Projects-Under-Bid

Fax your bid to (925) 803-4263 to the attention of Estimator Quinn Hance. 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

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.



Kiewit Infrastructure West Co.

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

Requests quotes/bids from qualified Subcontractor, Service Providers, Consultants, and/or Suppliers seeking to participate in the East Bay Municipal Utility District, MWWTP Hypochlorite Piping Replacement Phase 2 and LOX Storage Tanks Improvements Project in Oakland, CA.

http://www.dgs.ca.gov http://www.dot.ca.gov hq/bep/find_certified.htm http://www.acgov.org/auditor/sleb http://sf-hrc.org http://www.portofoakland.com/srd

Subcontractors and Suppliers for the following project:

MWWTP Hypochlorite Piping Replacement
Phase 2 Project
Specification No. SD-390
Owner: East Bay Municipal Utility District
Bid Date: March 18, 2020 @ 1:30 P.M.

Disadvantaged Business Enterprises (DBEs)

Minority Business Enterprise (**MBE**), Women Business Enterprise (**WBE**), Small Business Enterprise (**SBE**), Disabled Veteran Business Enterprise (**DVBE**) and all other small/local business enterprises wanted for the following scopes, including, but not limited to:

Aggregates, Abatement, Concrete Supply, Concrete Reinforcing, Cast in Place Concrete, Cranes, Demolition, Equipment, Electrical, Grouting, Joint Sealants, Metals, Openings, Painting & Coatings, Piping & Valves, Pumps, PVC Liner Repair, Trucking & Hauling, Signage, Structural Steel, Steel Decking, Street Sweeping, Welding and Water Truck.

Bonding, insurance, and any technical assistance or information related to the plans or specification and requirements for the work will be made available to interested DBE, MBE, SBE, DVBE and all other small/local business enterprise suppliers and subcontractors. Assistance with obtaining necessary equipment, supplies, materials, or services for this project will be offered to interested certified suppliers and subcontractors.

Subcontractor and Supplier Scopes are due March 13, 2020 and Quotes NO LATER THAN March 17, 2020 at 5 PM.

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

All subcontractors that are registered in our SBN database will receive an invitation to bid.

Please visit http://www.kiewit.com/districts/north-ern-california/overview.aspx to register your company to be able to receive bidding information, Plans and Specifications.

East Bay Municipal Utility District's Contract Equity Program applies.

Performance and Payment Bonds may be required for Subcontractors and Supply Bonds for Suppliers on this project.

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How to Manage Risk with Controllable Costs in Construction

[Article was originally posted on www.constructconnect.com]

By Holly Welles,

Anyone who works in the construction industry knows that anything can go wrong at a moment's notice. Weather and injuries can delay a project, material shortages may increase prices and lack of communication can completely derail plans. When these things happen, the cost of construction rises. Issues do not bode well for the industry, which runs on a tight schedule and maintains a strict budget to make a profit.

However, not all circumstances are out of their control. The wise construction professional understands that there are many aspects of the job which they do, in fact, have power over. If they take proper steps to manage these risks, they can better control costs and increase profits. Here are a few steps they can take to do just that.

Take Inventory

When a construction company doesn't know what materials they already have in stock, they risk over-buying products and wasting money on things they don't need. This poor inventory management accounts for at least 50% of all costs

Professionals can easily avoid this expensive mistake by taking inventory regularly. First, workers or project managers should make a list of everything they'll need for a project. Then, they should survey what they already have and make another list with everything they'll need to purchase.

Invest in Management Software

One way to streamline inventory assessments is to invest in a management software system. It will also improve communication among team members and ensure everyone stays on the same page regarding project specifics. This step is especially crucial because design determines about 80% of a project's total cost, and construction determines the remaining 20%.

The two sides of a project must work together to balance costs and savings. From workers to architects, a software system allows everyone to receive updates and adjust project plans as needed.

Estimate Costs

Taking inventory will enable managers to better estimate costs, which, of course, is essential to staying on budget—and making a profit. Creating an estimate before developing concrete plans will allow managers to build around a budget instead of the other way around.

This process puts site coordinators in control of costs and minimizes the risk of overspending and eliminating profit margins. Hiring a qualified manager with an excellent track record can help a company estimate costs and stay within budget.

Conduct Inspections

Construction companies can minimize risk and control costs by scheduling regular inspections of their equipment and machinery. Workers may either inspect equipment themselves or hire a professional to assess and service it.

Inspections allow organizations to spot problems early on and fix them before they become an expensive issue or require replacement which can be extremely expensive. For example, changing a dirty oil filter can potentially

Construction Sabermetrics: The People Part of the Equation

Continued from page 1

"True," I replied. "But who is the person that you call in the toughest of situations when there are tight deadlines and budgets? One that can assure a demanding owner and handle all the subs with his eyes closed?"

"That has to be the Superintendent," he responded.

"Well, what college did that Superintendent go to?"

"Probably didn't, except the school of hard knocks," he admitted.

"So, let me get this straight, you recruit students from the colleges every year, but the most important person on the site is your Superintendent?" I asked him. "Looks like you need to create some construction sabermetrics."

"What's that?" he asked.

"You need to find out what makes the persona of the Superintendent tick. How is that one person so driven that failure is never an option? How were they pushed to learn all the processes of construction, understand the tools they needed, and gain the communication skills to accomplish all of this? What is the Superintendent's 'in-game statistics' that you can capitalize on? What other options for the same statistics exist outside of the construction industry that you should be looking for? This could help you with your labor shortage and staff retention," I explained. He said, "You gave me a lot to think about in a different, good way."

This is only one example where I believe the construction industry will need to change its thinking and strategy. With the mounting pressure of infrastructure and building, and the decreasing labor pool, and productivity, we can not do things the way we always have in the past.

How Construction Firms Can Think About People Differently

Today, I challenge firms to think differently about people when it comes to business transformation:

- Sabermetrics Look at your organization and create individual statistics that make a real difference. Do this for every position, starting with the most essential personas.
- 2. Leverage Outside Industries We can no longer only support and recruit from purely the education system. Making more people aware of construction in the college setting will not solve the shortage. If done correctly, you may find yourself searching outside the construction industry to fulfill the most important sabermetrics you create.
- 3. Invest in Industrialized Construction Off-site construction is a great support to your project teams. It is a place where products can be made in a controlled environ-

ment. It is also a place where workers can learn basic skills while still making a major contribution. In turn, basic skills become more advanced without the added risk of working on an ever-changing construction site.

4. Short- and Long-Term Technology Strategies

— The reality of projects is that they need to be completed yesterday. Constantly evaluate technologies that can support today's needs and fulfill long term visions. Remember that technologies need to support your people in their process, not change people to conform to a process technology limitation.

Through my experience and witnessing effective teams that have employed the four solutions above, I have seen a dramatic shift in culture. It has given individuals increased self-esteem that they are a true contributor within a team.

Although people are not the only part of the equation, they are an essential component for success in construction. To create real business transformation, it's time for a new mindset – and it starts by putting people first.

SOURCE:

https://constructionblog.autodesk.com/construction-sabermetrics/





Requests sub-bids from qualified California Unified Certification Program (CUCP) certified Disadvantaged Business Enterprises (DBE) Subcontractors, Consultants, and/or Suppliers seeking to participate in the construction on state highway US 50 Multimodal Corridor Enhancement and Rehabilitation Project in the City of Sacramento in Sacramento County from 0.1 mile East of I-5 to 0.8 mile East of Watt Avenue.

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

Subcontractors and Suppliers for the following project: US 50 Multimodal Corridor Enhancement and Rehabilitation Project
Contract No. 03-0H08U4
Design-Build Contract (DB)
Owner: Caltrans
Quotes Due: March 20, 2020 by 5:00 P.M.

Disadvantaged Business Enterprises (DBE) wanted for the following scopes, including, but not limited to:

Aggregates-Supply and/or Install, AC Dike, AC Milling, AC Paving, Architectural Minor Concrete, Asphalt Membrane Water-proofing, Biologist, Bird Control, Boring & Jacking, Bridge Bearings, Bridge Drainage, Bypass Pumping, CAS, CCTV, CIDH, Clearing & Grubbing, Column Seismic Improvement, Concrete Cutting, Concrete Demo, Concrete Forms & Accessories, Concrete-Structural, Concrete-Precast, Concrete Barrier (slip and/or conventionally formed), Concrete Overlay & Accessories, Concrete-Structural, Concrete-Precast, Concrete Barrier (slip and/or conventionally formed), Concrete Overlay (Polyester, Methacrylate), Concrete Paving, Concrete Pumping, Concrete Rehab, Concrete Reinforcing Steel (rebar)-Supply and/or Install, Concrete Stain, Concrete Supply, Concrete Wash-out, Core Drilling, Deck Grinding, Design-Electrical/ITS, Design-Roadway, Design-Structural, Design-Temp Falsework/Shoring/Support of Excavation, Dewatering, Drainage Installation, Electrical-ITS, Electrical-Signals & Lighting, Equipment Rental, Erosion Control Supply and/or Install, Expansion Joints, Fencing and Railling, Fiber Optic Infrastructure, Flagging, Fuel, Geotechnical Investigation/Design, Hazardous Material Abatement/Disposal (Asbestos, Hydrocarbons, Heavy Metals incl. ADL), Hydroseeding, Independent Design Check, Inertial Profiling, ITS Integration Services, Janitorial, Joint Seal, K-rail-Supply and/or Install, Landscaping & Irrigation, Lumber, Masonny/Soundwall, Midwest Guardrail System, Metals Supply and/or Install, Minor Concrete, Noise & Vibration Monitoring, Oil Products, Oil Transportation, Overhead Signs and Sign Structures, PCMS, Painting & Coating, Paleontologist, Partnering Facilitation Services, Pavement Markings, PI/PR Services, Pile Supply and/or Install, Pipe Supply & Accessories, Potholing, Prestressing, Pump Stations, QC Inspection and Testing, QV Inspection and Testing, Roadway and/or Structure Excavation, Roadway Signage, Sawcutting, Scaffolding, Scheduling Services, Shoring/Support of Excavation, Shotcrete, Shoulder Backing, Soil Nailing, Soil Stabilization, Street Sweeping, Striping/Pavement Markings (install and/or remove), Structural Steel-Supply and/or Install, Subsurface Utility Engineering, SWPP Supply and/or Install, Survey/Staking, Temp Facilities, Tie-backs, Tow Truck Services, Traffic Control-Supply and/or Install, Subsurged and Install, Subsurged Staking, Temp Facilities, Tie-backs, Tow Truck, Welding, Wire Sawing.

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

Subcontractor and Supplier Scopes are due March 13, 2020 at 5 PM.

Plans are available for viewing at our office at our address below and Building Connected project portal. All subcontractors that are registered in our Building Connected Project Portal will receive an invitation to bid. To register your company and to be able to receive bidding information, view plans, specifications, Request for Quotes please contact:

Kiewit/Teichert JV 3600 American River Dr., Suite 200, Sacramento, CA 95864 Attn: Spencer Leamer, procurement@kiewitteichertjv.com

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

Execution of a Non-Disclosure/Confidentiality Agreement will be required to view project info (e.g. plans, specs) Performance Bond and Payment Bonds may be required for subcontractors and Supply bond for suppliers. Prevailing Wages Apply

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

An Equal Opportunity Employer CA Lic. 1048971 DIR# 1000063364

Sub-Bids Requested from qualified DBE Subcontractors and Suppliers For:

REGIONAL WATER RECYCLING PLANT NO. 5 (RP-5) LIQUIDS TREATMENT EXPANSION TO 22.5 MGD AND SOLIDS TREATMENT FACILITY PROJECT NOS. EN19001 & EN19006 Owner: Inland Empire Utilities Agency

Location: Chino, CA Revised Bid Date: March 23, 2020 @ 2:00 P.M.

J.F. Shea Construction, Inc. 667 Brea Canyon Road, Suite 30 • Walnut, CA 91789 Phone: (909) 595-4397, Fax: (909) 444-4268

Contact: Lori Olivas, lori.olivas@jfshea.com J.F. Shea Construction, Inc. is soliciting your participation in the preparation of this bid. We are particularly interested in bids from subcontractors/suppliers for the following work items:

Demolition, Erosion Control, Geotextiles, Microtunneling, AC Paving, Aggregates, Ready-Mix Concrete, Reinforcing Steel, Precast Concrete, Masonry, Structural Steel, Miscellaneous Metals, Steel Deck, Waterproofing, Metal Wall Panels, Roofing, Sheet Metal, Sealants, FRP Doors/Frames, Hardware, Access Doors, Overhead Coiling Doors, Aluminum Strorefront, Skylights, Glazing, Metal Framing & Drywall, Resilient Tile Flooring & Base, Perforated Metal Acoustic Panels, Painting and Coatings, Louvers, ID Devices, Fire Protection Specialties, Toilet Accessories, Aluminum Clarifier Cover, Equipment, Jib & Davit Cranes, Hoists, Monorails and Bridge Cranes, Truck Scale, HVAC, Electrical and Instrumentation

Plans and Specifications: Please email your request to elizabeth.schmid@jfshea.com Plans may also be viewed at the Dodge Plan Rooms or at our Walnut Office.

J.F. Shea Construction, Inc. is an equal opportunity employer and intends to negotiate in good faith with interested DBE firms and intends to utilize the lowest responsive bidder. J.F. Shea expects potential subcontractors to be bondable. J.F. Shea will pay for up to 1% for subcontractor bond costs. Subcontractors and Suppliers are expected to bid per plans and specifications, including requirements for warranties. Standard manufacturer's warranties, if not in conformance with owner's specifications, will not be accepted.



Kiewit Infrastructure West Co.

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

Requests quotes/bids from qualified Subcontractor, Service Providers, Consultants, and/or Suppliers seeking to participate in the City of San Mateo, Underground Flow Equalization System (UFES) Package Project in San Mateo, CA.

http://www.mbda.org/http://www.epa.gov/ http://www.sba.gov/www.californiaucp.org

> Subcontractors and Suppliers for the following project:

Underground Flow Equalization System Package Project Project No.: 46S003-46S14-0553-46320

> Owner: City of San Mateo Bid Date: March 19, 2020 @ 2:00 P.M.

Disadvantaged Business Enterprises (DBEs)

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

Aggregates • Asphalt Paving • Concrete Pumping • Concrete Supply Concrete Reinforcement • Minor Concrete Cast-in-Place Concrete • Concrete Forms & Accessories • Concrete, Precast • Grouting • Deep Soil Mixing Demolition • Dewatering • Drywall • Electrical • Erosion Control • WTP Equipment • Fencing & Gates • Fire Detection & Alarms • Flooring • FRP Tanks • Geotextiles • HVAC • Horizontal Drilling • Instrumentation & Controls • Joint Sealant • Landscaping • Masonry • Metals • Openings • Metal Decking • Micropiles • Paintings & Coatings • Pavement Markings • Piling • Piping & Valves • Roofing • Signage • Sheet Metal • Shoring Structural Steel • Specialties • Street Sweeping • SWPPP • Thermal & Moisture Protection • Tiebacks • Trucking & Hauling • Tree Removal • Water Truck

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

Subcontractor and Supplier Scopes are due March 13, 2020 and Quotes NO LATER THAN March 18, 2020 at 5 PM.

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

All subcontractors that are registered in our SBN database will receive an invitation to bid.

Please visit http://www.kiewit.com/districts/northern-california/overview.aspx to register your company to be able to receive bidding information, Plans and Specifications.

Water Infrastructure Finance and Innovation Act (WIFIA) applies American Iron and Steel requirements apply

Davis-Bacon Wages apply

CA Lic. 433176 DIR #: 1000001147 An Equal Opportunity Employer





Public Legal Notices



GOLDEN GATE BRIDGE HIGHWAY & TRANSPORTATION DISTRICT

NOTICE INVITING PROPOSALS

The Golden Gate Bridge, Highway and Transportation District (District) seeks proposals for RFP No. 2020-D-014, Third Party Administrator for Public Liability, Fleet Claims Investigation, and Adjustment Services. Interested Proposers must submit proposals by way of upload to the District's Procurement Portal: https://ggbhtd.bonfirehub.com by Monday, March 30, 2020, at 4:00 p.m., PT.

Requests for modifications or clarifications of any requirement must be submitted in writing by Monday, March 16, 2020, at 4:00 p.m., PT.

The RFP Documents are available for download on the District's Procurement Portal. In order to download and respond to posted solicitations, Proposers will need to register. Once registered, to download the documents:

- 1) Go to the District's Procurement Portal: https://ggbhtd.bonfirehub.com.
- 2) Under "Action" column of "Open Public Opportunities" page, click on "View Opportunity" next to desired Project.
- 3) Scroll down to "Supporting Documentation" section to download documents.

For general questions regarding this RFP, please contact Johnathan Lucas, Senior Buyer, at (415) 923-2091.

/s/ Aida S. Caputo, Contracts Officer Dated: 2/26/20 3/5/20 CNS-3347835#

SMALL BUSINESS EXCHANGE



GOLDEN GATE BRIDGE HIGHWAY & TRANSPORTATION DISTRICT

NOTICE INVITING PROPOSALS

The Golden Gate Bridge, Highway and Transportation District (District) seeks proposals for RFP No. 2020-D-015, On-Call Temporary Staffing Services. Interested Proposers must submit proposals by way of upload to the District's Procurement Portal: https://ggbhtd.bonfirehub.com by Monday, April 6, 2020, at 4:00 p.m., PT.

Requests for modifications or clarifications of any requirement must be submitted in writing by Monday, March 16, 2020, at 4:00 p.m., PT.

The RFP Documents are available for download on the District's Procurement Portal. In order to download and respond to posted solicitations, Proposers will need to register. Once registered, to download the documents:

1) Go to the District's Procurement Portal:

https://ggbhtd.bonfirehub.com

- 2) Under "Action" column of "Open Public Opportunities" page, click on "View Opportunity" next to desired Project.
- 3) Scroll down to "Supporting Documentation" section to download documents.

For general questions regarding this RFP, please contact Johnathan Lucas, Senior Buyer, at 415-923-2091.

/s/ Aida S. Caputo, Contracts Officer 3/5/20

CNS-3348465#

SMALL BUSINESS EXCHANGE

<u>March Outreach 2020</u> 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. Information is also available online at www.sfgov.org/dcss.
GET FREE, TRUSTED HELP WITH YOUR CITIZENSHIP

The San Francisco Pathways to Citizenship Initiative provides free legal help from community immigration service providers at free workshops. Resources for the citizenship application fee are available onsite. Learn more at sfcitizenship.org
When: Saturday, March 14, 2020. Registration open from 9:30 am

- 12:30 pm. No appointment needed! Where: City College of San Francisco, Cafeteria, 50 Frida Kahlo Way, San Francisco, CA 94112

APPLY TO BECOME A CENSUS TAKER!

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

Make a Difference, Become a Literacy Volunteer
Half of San Francisco's 3rd and 4th graders are not reading at
grade level. By volunteering to tutor through the Library's awardwinning FOG Readers program, you can help students in grades 1-4 increase their confidence and gain half a grade level within the first three months. Currently, there are more than 300 children waiting for a volunteer to help change their lives. For more information, visit sfpl.

org/fog. To get started, email readers@sfpl.org.
The San Francisco Police Department offers qualified applicants the opportunity to make a positive difference in citizens' daily lives and keep our community safe. We encourage you to apply today to see how you can become one of San Francisco's Finest. To learn more, contact our Recruitment Unit at (415) 837-7270 or <u>JoinSFPD@sfgov.org</u>. For more information, visit SFPDcareers.com.

Join San Francisco International Airport's expanding, worldclass team. Airlines, shops, restaurants and other organizations operating at SFO now hiring 800+ professionals in security, airline customer service, food & retail, and baggage/cargo positions. Entry-level careers starting at \$17.66/hour, the sky's the limit for advancement opportunities-come fly with us! Visit www.flysfo. com/careers to learn more

Sunshine Ordinance Task Force

The Task Force advises the Board of Supervisors and provides information to City departments on appropriate ways in which to implement the Sunshine Ordinance; to ensure that deliberations of commissions, boards, councils and other agencies of the City and County are conducted before the people and that City operations are open to the people's review.

Visit https://sfbos.org/sunshine-ordinance-task-force for

upcoming term expirations or vacancies.
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

How to Manage Risk with Controllable Costs in Construction

Continued from page 5

save a business thousands of dollars in repairs or having to purchase new machinery.

Avoid Delays

It may sound impossible to accomplish, but avoiding delays can save construction companies from extra costs by keeping the project schedule on track. Weather, electrical hold-ups, client demands and other factors can all cause delays.

However, project managers can avoid suspended work caused by controllable circumstances like running out of materials or workers getting

Proper training, enforcing standards, conducting inventories and communicating effectively can all help a team work more efficiently and avoid delays, helping to save thousands in the long run.

Prepare for Contingencies

Undoubtedly, construction plans will go awry, even if managers and workers take precautions and attempt to control costs. Therefore, it's crucial to have contingency plans in place before delays, injuries or other mishaps occur.

Having a set of risk management procedures can prevent having to pay premiums if something goes wrong at the last minute. Plus, budgeting some extra time and money into project plans allows for some cushion, minimizing stress and controlling costs, even when risks become a reality.

Regularly Update Cost Plans to Manage Risks

During a project, costs will inevitably change and vary with time. The market price of materials will fluctuate, worker pay may increase or decrease and uncontrollable risks like the weather may all affect the budget. Thus, project managers must take care to re-evaluate costs regularly, determine how to balance out rising expenses and still make a profit.

While this may take extra time, documentation and analysis, updating cost plans will help a site better manage risks and control its costs throughout any project.

SOURCE:

https://www.constructconnect.com/blog/ how-to-manage-risk-with-controllablecosts-in-construction





431 Payran Street, Petaluma, CA 94952 Phone: 707-835-2900 • Fax: 707-835-2994 CONTACT:

Kelsey Godfrey bid@arntzbuilders.com

REQUESTS QUOTATIONS FROM ALL
STATE OF CALIFORNIA DGS CERTIFIED DVBE
SUBCONTRACTORS & SUPPLIERS
and ALL QUALIFIED SUBCONTRACTORS &
SUPPLIERS FOR ALL TRADES
FOR THE FOLLOWING PROJECT:

TULE ELK PARK EARLY EDUCATION SCHOOL NEW CLASSROOM BUILDING SAN FRANCISCO, CA SFUSD Project #11904

BID DATE: March 24, 2020 @ 2:00pm ESTIMATE: \$2,700,000

Trades needed but not limited to: Earthwork, Site Utilities, Structural Concrete, Rebar, Site Concrete, Landscape, Rough Carpentry, Fiber Cement Siding, Structural Steel, Chain link Fence, Building Insulation, Roofing and Waterproofing, Sheetmetal Flashings and Trim, HMF, Wood Doors and Hardware, FRP Doors, Hardware Install, Aluminum Windows and Storefronts, Electrical, Architectural Woodwork, Drywall, Ceramic Tile, Acoustical Ceilings, Flooring, Epoxy Flooring, Painting, Plumbing, HVAC.

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

BONDING, INSURANCE, TECHNICAL ASSIS-TANCE AVAILABLE. PLANS AVAILABLE IN GC'S PLAN ROOM. SUCCESSFUL SUBCONTRACTORS WILL BE REQUIRED TO SIGN ARNTZ BUILDERS, INC. STANDARD SUBCONTRACT AGREEMENT WHICH INCLUDES ARNTZ BUILDERS, INC. RE-QUIREMENT THAT SUBCONTRACTORS PRO-VIDE A 100% FAITHFUL PERFORMANCE AND PAYMENT BOND OF THE SUBCONTRACT PRICE FROM A TREASURY LISTED SURETY COMPANY ACCEPTABE TO ARNTZ BUILDERS. BOND PRE-MIUM TO BE INCLUDED IN BID AS A SEPARATE ITEM. SUBCONTRACTORS WILL BE REQUIRED TO PROVIDE A WAIVER OF SUBROGATION EN-DORSEMENT TO THEIR WORKERS COMPENSA-TION INSURANCE

WE ARE SIGNATORY TO THE CARPENTER'S AND LABORER'S

COLLECTIVE BARGAINING AGREEMENTS AN EQUAL OPPORTUNITY EMPLOYER



DESILVA GATES

CONSTRUCTION

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

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

ELK GROVE-FLORIN ROAD BRIDGE AND WIDENING PROJECT

Contract No. 4417, Federal Aid Project No. BRLS 5924(142) Disadvantaged Business Enterprise Goal Assigned is 16%

OWNER: COUNTY OF SACRAMENTO 9660 Ecology Lane, Sacramento, CA 95827

BID DATE: MARCH 19, 2020 @ 2:00 P.M.

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

AC DIKE, ADJUST IRON, BRIDGE, BRIDGE REMOVAL, ELECTRICAL, FENCING, HYDROSEEDING, IRRIGATION, LANDSCAPING, MINOR CONCRETE, MINOR CONCRETE, STRUCTURE, ROADSIDE SIGNS, ROADWAY EXCAVATION, SLURRY SEAL, STRIPING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, UNDERGROUND, TRUCKING, WATER TRUCKS, STREET SWEEPING, CLASS 2 AGGREGATE BASE MATERIAL, HOT MIX ASPHALT (TYPE A) MATERIAL, RUBBERIZED HMA (GAP GRADE) MATERIAL, ASPHALT RINDER

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 7700 College Town Drive, Sacramento, CA, or at your local Builders Exchange, or reviewed and downloaded from the ftp site at ftp://ftp%25desilvagates.com:f7pa55wd@pub.desilvagates.com (if prompted the username is ftp@desilvagates.com and password is f7pa55wd) or from the Owner's site at http://www.saccounty-bids.net/

Fax your bid to (925) 803-4263 to the attention of Estimator Jim Yackley. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at www.dir.ca.gov/Public-Works/PublicWorks.html

If you need DBE support services and assistance in 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.



Kiewit Infrastructure West Co.

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

Requests quotes/bids from qualified Subcontractor, Service Providers, Consultants, and/or Suppliers seeking to participate in the East Bay Municipal Utility District, MWWTP Grit Dewatering Equipment Replacement Phase 2A Project in Oakland, CA.

http://www.dgs.ca.gov http://www.dot.ca.gov/hq/bep/find_certified.htm http://www.acgov.org/auditor/sleb http://sf-hrc.org

http://www.portofoakland.com/srd

Subcontractors and Suppliers for the following project:

MWWTP Grit Dewatering Equipment Replacement Project Specification No. SD-417 Owner: East Bay Municipal Utility District Bid Date: March 25, 2020 @ 1:30 P.M. Disadvantaged Business Enterprises (DBEs)

Minority Business Enterprise (**MBE**), Women Business Enterprise (**WBE**), Small Business Enterprise (**SBE**), Disabled Veteran Business Enterprise (**DVBE**) and all other small/local business enterprises wanted for the following scopes, including, but not limited to:

Aggregates, Abatement, Concrete Repair, Demolition, Grit Removal & Handling Equipment, Electrical, Grouting, Metals, Painting & Coatings, Pipe & Valve Supply, Trucking & Hauling, Street Sweeping, Welding and Water Truck.

Bonding, insurance, and any technical assistance or information related to the plans or specification and requirements for the work will be made available to interested DBE, MBE, SBE, DVBE and all other small/local business enterprise suppliers and subcontractors. Assistance with obtaining necessary equipment, supplies, materials, or services for this project will be offered to interested certified suppliers and subcontractors.

Subcontractor and Supplier Scopes are due March 20, 2020 and Quotes NO LATER THAN March 24, 2020 at 5 PM.

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

All subcontractors that are registered in our SBN database will receive an invitation to bid.

Please visit http://www.kiewit.com/districts/north-ern-california/overview.aspx to register your company to be able to receive bidding information, Plans and Specifications.

East Bay Municipal Utility District's Contract Equity Program applies.

Performance and Payment Bonds may be required for Subcontractors and Supply Bonds for Suppliers on this project.

CA Lic. 433176 DIR #: 1000001147 An Equal Opportunity Employer

Visit www.sbeinc.com to

download the latest SBE Newspaper and SBE E-Newsletter

