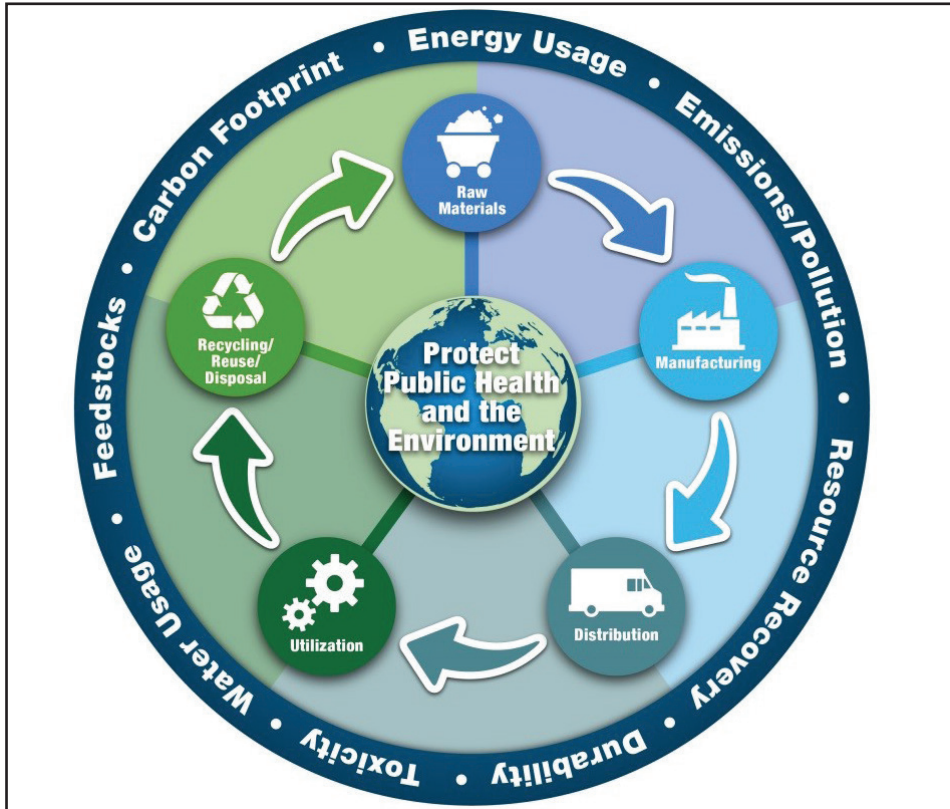


On a Mission: Finding Life Cycle Environmental Solutions



By Greg Aragon

We often describe the U.S. Environmental Protection Agency's (EPA) Small Business Innovation Research (SBIR) program as the small program with the big mission, to protect human health and the environment. The mission is big and the areas of focus are broad: air, water, climate change, waste and manufacturing. We strive to promote "greening" it all.

The President's budget calls to equip the EPA with the best scientific information and research to underpin its regulatory actions and helps the agency find the most sustainable solutions for the wide range of environmental challenges facing the United States today. It supports high-priority research in such areas as air quality, sustainable approaches to environmental protection, and safe drinking water.

Through the years, the EPA SBIR program has supported advances in green technologies such as state-of-the-art monitoring devices and pollution

clean-up systems and processes. Recently though, we have expanded to support companies whose ideas are launched from a foundation of life cycle assessment (LCA). This proactive approach means solving an environmental problem in a way that takes into account resources, feedstock, emissions, toxicity and waste.

While clean-up, containment systems, and other "end-of-pipe technologies" are still important for managing pollution and potential contaminants after they have been produced, we want to foster game-changers that reduce or eliminate their production in the first place.

We have developed five criteria to evaluate applications for support in that area:

- Disruptive Potential
- Management and Technical Capabilities
- Life Cycle (environmental) Impacts
- Technical Soundness
- Commercialization Potential

Funding technologies that show promise for commercialization means getting finished products into the hands of people that will use them. That's impact!

Two companies we were fortunate to support are outstanding examples of just the kind of impact we hope for.

Ecovative developed MycoBond™ technology, a process that uses fungal mycelium grown on agricultural waste to make packaging, insulation and structural cores. Instead of those white shells made from hydrocarbon synthetics, imagine product casing made from a green feedstock with less energy that protects as well or better than the standard. In the last stage of its life cycle MycoBond is biodegradable or compostable. Ecovative has received many awards including the Tibbetts Award in 2013 which is given to the companies and individuals who best demonstrate excellence across all

Continued on page 3

SMALL BUSINESS EXCHANGE

SBE OUTREACH SERVICES

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

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Faxed and Eblast Solicitations

Targeted mailings sent to businesses per your criteria.

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Computer Generated Reports

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

Contact Info:

703 Market Street, Suite 1000

San Francisco, CA 94103

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

DeSilva Gates Construction, L.P. is soliciting for LBEs for the following project:

11TH STREET EAST TRACY OVERHEAD BRIDGE REPLACEMENT (N. MACARTHUR DRIVE TO CABE ROAD) CIP 73063, FEDERAL PROJECT NI. BHLS-5192(020)

**OWNER: CITY OF TRACY
DEVELOPMENT SERVICES DEPARTMENT
333 CIVIC CENTER PLAZA, TRACY, CA 95376
BID DATE: MARCH 3, 2015 @ 2:00 P.M.**

We hereby encourage responsible participation of local Business Enterprises, and solicit their subcontractor or materials and/or suppliers quotation for the following types of work including but not limited to: AC Dike, Adjust Iron, Bridge, Clearing and Grubbing/Demolition, Construction Area Sign, Crash Cushion, Drainage Wick, Electrical, Erosion Control, Fencing, Landscaping, Minor Concrete, Minor Concrete Structure, Paving Fabric, Roadside Signs, Striping, Survey/Staking, Temporary Erosion Control, Haul (Type Z-2) ADLs, Underground, Prepare WPPP, Vibration Monitoring, Trucking, Water Trucks, Street Sweeping, Imported Borrow, Class 2 Aggregate Base Material, Hot Mix Asphalt (Type A) Material

100% Performance and Payment Bonds may be required for full amounts of the subcontract price. Surety company will have to be approved by DeSilva Gates Construction, L.P. DeSilva Gates Construction, L.P. will pay bond premium up to 2%. Subcontractors must possess current insurance and worker's compensation coverage meeting DeSilva Gates Construction, L.P.'s requirements. Please call if you need assistance in obtaining bonding, insurance, equipment, materials and/or supplies. Plans and specifications are available for review at our Dublin office.

DeSilva Gates Construction

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

DeSilva Gates Construction, L.P. is soliciting for LBEs for the following project:

CONSTRUCTION ADJACENT TO STATE HIGHWAY IN MENDOCINO COUNTY IN AND NEAR WILLITS AT VARIOUS LOCATIONS, CONTRACT NO. 01-262054, FEDERAL AID PROJECT ACNHP-Q101(263)E

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

BID DATE: March 03, 2015 @ 2:00 P.M.

We hereby encourage responsible participation of local Business Enterprises, and solicit their subcontractor or materials and/or suppliers quotation for the following types of work including but not limited to: Biologist Consultant, Clearing and Grubbing/Demolition, Permanent Erosion Control, Temporary Erosion Control, Fencing, Landscaping, SWPPP Preparation, Trucking, Water Trucks, Street Sweeping

100% Performance and Payment Bonds may be required for full amounts of the subcontract price. Surety company will have to be approved by DeSilva Gates Construction, L.P. DeSilva Gates Construction, L.P. will pay bond premium up to 2%. Subcontractors must possess current insurance and worker's compensation coverage meeting DeSilva Gates Construction, L.P.'s requirements. Please call if you need assistance in obtaining bonding, insurance, equipment, materials and/or supplies. Plans and specifications are available for review at our Dublin office.

DeSilva Gates Construction

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

REQUESTING SUB-QUOTES FROM QUALIFIED LBE/ SLBE / VSLBE SUBCONTRACTORS/SUPPLIERS FOR:

Lake Chabot Golf Course Driving Range Improvements

**City Project No: C322810
Owner: City of Oakland
Engineers' Estimate: \$445,000.**

BID DATE: February 19, 2015 @ 2:00 PM

Items of work include but are not limited to: Demolition & Clearing, Portland Cement Concrete Paving, 4" Subdrain, Geogrid, Rip-Rap Outfall, Hydroseeding, Metal Hand Railing, Infiltration Basin, Erosion Control, Hydroseeding, Trucking, Rebar and Striping.

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, 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. Granite Rock Company is an equal opportunity employer.

Granite Rock Company

7700 Edgewater Drive, Building B, Suite 300
Oakland, CA 94621
Phone (408) 574-1400 Fax (408) 365-9548
Contact: Bob Williams
Email: estimating@graniterock.com
We Are An Equal Opportunity Employer

REQUEST FOR DBE SUBCONTRACTORS AND SUPPLIERS FOR:

Hwy 12 Repair Pavement/Overlay, Terminous

Caltrans #10-OW5604

BID DATE: February 25, 2015 @ 2:00 PM

We are soliciting quotes for (including but not limited to): Trucking, Progress Schedule, Lead Compliance Plan, Construction Area Signs, Traffic Control System, Portable Changeable Message Sign, Water Pollution Control Program, Sweeping, Temp. Fencing, Treated Wood Waste, Adjust Monument to Grade, Cold Plane AC, Dust Suppressant, Shoulder Backing, Crack Treatment, Prepaving Inertial Profiler, Grinding, AC Dike, Rumble Strip, Data Core, Tack Coat, Jointed Plane Concrete Pavement (RSC), Midwest Guardrail System, Alt. Flared Terminal System, Striping & Marking, Pavement Marker, Channelizers, Crash Cushions, Remove Guard Rail, Prepave Grind, Modify Vehicle Classification System, Electrical and Construction Materials

O.C. Jones & Sons, Inc.

1520 Fourth Street • Berkeley, CA 94710
Phone: 510-526-3424 • FAX: 510-526-0990

Contact: Greg Souder

An Equal Opportunity Employer

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

Sub Bids Requested From Qualified DBE Subcontractors & Suppliers for

**County of Nevada - Brunswick Road/Loma Rica Road Intersection Improvement Project
Contract No. 440812**

Location: Grass Valley, CA

Bid Date: February 19, 2015 @ 3:00 PM

McGuire and Hester is seeking qualified subcontractors in the following trades: trucking; sawcutting; electrical; striping; and AC dike.

We will pay up to and including one and one-half percent (1-1/2%) of your bonding cost. Certification assistance is available, as well as viewing plans and specs.

McGuire and Hester

9009 Railroad Avenue • Oakland, CA 94603 • Phone: (510) 632-7676 • Fax: (510) 562-5209
Contact: Dave Koerber
An Equal Opportunity Employer

California Sub-Bid Request Ads

**ATKINSON/CLARK a Joint Venture
Requests**

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

San Diego Association of Governments (SANDAG) IFB No. 5007000

**SR 15 Mid-City Bus Rapid Transit (BRT) Project
in Mid-City San Diego along SR 15 at El Cajon Blvd & University Ave
Bids Thursday, February 26, 2015 at 2:00 PM**

(Bid Date Extended per Addendum 4 issued 02/12/2015)

Description of Work: (Please note: Bid item list has changed per Addendum 4) Aggregate Supply, Anti-Graffiti Coating, Architectural Surfacing, Asphalt Paving, Bridge/Road Joint Seals, Canopies, Cast-in-Drill Holes, Clear and Grub, Concrete Barrier, Concrete Supply, Construction Area Signs, Demolition, Dowels, Earthwork, Electrical (Roadway & Building), Elevator Work, Erosion Control, Fencing, Handrailing, HVAC, Landscaping, Metal Beam Guard Rail, Minor Concrete, Misc. Iron and Steel, Pavement Grinding, Pavement Markings, Ornamental Fencing, Potholing, Rebar, Roofing, Sawcutting, Signs, Sign Structures, Soundwalls, Station Platform Improvements, Storm Drain System, Striping, SWPPP, Tie Bars, Traffic Control, Trucking, Wet Utilities, Windows.

Atkinson/Clark a Joint Venture

27422 Portola Parkway, Suite 250. Foothill Ranch, CA 92610

Phone: 949-855-9755 / 949-382-7145 • Fax: 949-855-9923

Contact: Curt Waggoner (curt.waggoner@atkn.com)

Atkinson/Clark a Joint Venture is a union contractor and an Equal Opportunity Employer. Atkinson/Clark will assist in obtaining necessary equipment, supplies, materials and/or related services. We will split items of work (refer to project specs for full list of bid items) and provide assistance for bonding. LOC and insurance where needed. 100% Performance & Payment Bonds will be required from an approved surety company. Atkinson/Clark will pay the cost of bonds up to 1.5%. Subcontractors will be expected to sign Atkinson/Clark's standard subcontract and to comply with our company's standard insurance requirements which include a waiver of subrogation.

TO DOWNLOAD BID DOCUMENTS, PLANS SPECS AND ADDENDA:

Please go to the SanDAG Contracts web site: <http://www.sandag.org/contracts>. Register in SanDAG's online database to access documents and receive updates. Plans and specs are available for viewing in our Foothill Ranch office. Please call to make an appointment.

Dryco Construction, Inc.

is seeking subcontractor participation for
**SFUSD Pavement Resurfacing of Parking Lot
at IM Scott Building
Project No. 11748 at 1060
Location: Tennessee Street,
San Francisco, CA 94107
Bid Date: 2/24/2015 @ 2:00 P.M.**

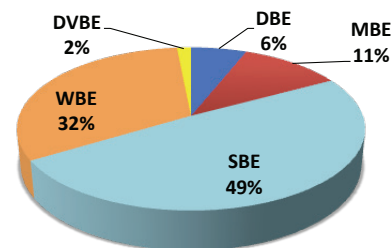
Qualified Paving, Fencing and Electricians for Paving or Chain Link Fence Rolling Gate please contact Sarah Cortez at (510) 438-6500.

DRYCO Construction, Inc.

42745 Boscell Rd. Fremont, CA 94538
Phone: 510-438-6500 • Fax: 510-438-6510

AUDIENCE PROFILE

Small Business Exchange, Inc.



On a Mission: Finding Life Cycle Environmental Solutions

Continued from page 1

aspects of the program's mission and the "2011 Innovator of the Year" in the Greener Package Awards (non-FDA regulated category). This innovative company has been featured in countless media, including a profile featuring its founders in the May 20, 2013 issue of The New Yorker.

Cambrian Innovation developed a bioelectrochemical system to treat wastewater and recover energy. Over 40 billion gallons of wastewater are produced every day by municipal and industrial sources such as dairies, breweries, and bottling plants. That's a significant waste challenge particularly in regions such as California suffering drought. Cambrian's system is unique in the wastewater technology field because its process uses microbes to recycle water and produce electricity. Housed in a shipping container, the system is modular and portable. Cambrian launched a new system for Bear Republic Brewing Company, a California brewery that expects to save hundreds of thousands of dollars in water and electricity costs from using the system. Founded in 2006, Cambrian received SBIR funding from NASA and EPA SBIR as well as other

funding from the National Science Foundation, Department of Defense, and U.S. Department of Agriculture. The company won an Artemis Top 50 Award and was featured in the Boston Globe earlier this year.

Many more of EPA's SBIR supported companies have followed similar paths as Ecovative and Cambrian towards impacting the environment for the good in more ways than one.

The so called "end-of-pipe" processes and technologies continue to help protect the environment and human health. But we know our environmental problems are more complicated today, and will be in the future. Rethinking problems using life cycle analysis means our solutions can meet the challenge of those complexities. Disruptive technologies multitask. Green disruptive technologies life cycle.

This blog was written by April Richards and Mary Wigginton of EPA's SBIR Program. For more information on the program, please visit www.epa.gov/ncer/sbir

About SBIR & STTR - "America's Seed Fund"

The Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs are collectively the largest single source of early-stage capital for innovative small companies in the United States, hence the nickname "America's Seed Fund." Via these programs, the federal government invests over 2 billion dollars in early stage and high growth American entrepreneurial firms to develop and commercialize technologies that strengthen our nation's defense, improve the health of our citizens, and enhance education. Over the past 30 years, SBIR/STTR has been a springboard for many breakthrough innovations including 3-D printing, minimally invasive robotic surgery, and LASIK technology, and has driven advancements in fields such as nanotechnologies and educational games for learning. For more information on the program across the 11 Federal agencies that operate programs, please visit www.SBIR.gov and see this recent blog post. For timely updates and resources follow us on Twitter (@SBAgov, #SBIR) to stay connected!

Source: U.S. SBA

Public Legal Notices

OAKLAND UNIFIED SCHOOL DISTRICT

DOCUMENT 00 11 16

INVITATION TO BID

1. Notice is hereby given that the governing board ("Board") of the Oakland School District ("District" or "Owner") will receive sealed bids for the following: **Project No. 13133-1**

Tenant Improvements at Cole for PEC Relocation-Central Commissary 1011 Union Street, Oakland, CA 94607

2. Sealed Bids will be received until **2:00 p.m., on Wednesday, March 10, 2015**, at the District Office, **located at 900 High Street, Oakland, California**, at or after which time the bids will be opened and publicly read aloud. Any claim by a bidder of error in its bid must be made in compliance with section 5100 et seq. of the Public Contract Code. Any bid that is submitted after this time shall be non-responsive and returned to the bidder.

3. The Project consists of:

Metal Stud Framing, Drywall, painting, some abatement, demo, electrical, Fire Alarm, Flooring, paving parking lot stripping, mechanical, concrete and fencing.

4. **Engineer's Estimate: \$1,195,000.00**

5. **Project Manager for this project is Rocky Borton, he can be reached at (510) 333-2262.**

6. All bids shall be on the form provided by the District. Each bid must conform and be responsive to all pertinent Contract Documents, including, but not limited to, the Instructions to Bidders.

7. To bid on this Project, the Bidder is required to possess one or more of the following State of California Contractor Licenses:

B –General Building Contractor

The Bidder's license(s) must be active and in good standing at the time of the bid opening and must remain so throughout the term of the Contract.

8. To bid on this Project, the Bidder is required to have been prequalified by the District. In addition, all subcontractors with the following license classifications must also have been prequalified by the District: Subcontractors with an A, B, C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43, and/or C-46 license(s) that intend to bid as a first-tier subcontractor to a general contractor (prime contractor) that is bidding directly to the District. The Oakland Unified School District has adopted a Contractor Pre-Qualification Program pursuant to California Public Contract Code 20111.5 for all Public Works contracts with a value estimated at \$15,000 or more.

Pre-Qualification Process:

- o **Bidders must be pre-qualified at least 10 business days prior to the bid opening date.**
- o **List of certified subcontractors (MEP's) will be posted: March 3, 2015**

Pre-Qualification packages are available at the Buildings and Grounds offices located at 955 High Street, Oakland, CA 94601. You can also obtain a Pre-Qualification package from the Districts Website at: www.ousdk12.ca.us. Go to: Departments/Facilities Planning & Management/Bids & Request for Proposals/ Pre Qualification. Please contact Juanita White at (510) 535-7044 with any questions regarding the Contractors Pre-Qualification Program.

PLEASE NOTE THAT BIDS WILL ONLY BE ACCEPTED FROM PRE-QUALIFIED BIDDERS

BIDS SUBMITTED BY NON PRE-QUALIFIED FIRMS WILL BE REJECTED AS INVALID.

9. As security for its Bid, each bidder shall provide with its Bid form

- a bid bond issued by an admitted surety insurer on the form provided by the District,
- cash, or
- a cashier's check or a certified check, drawn to the order of the Oakland School District, in the amount of ten percent (10%) of the total bid price. This bid security shall be a guarantee that the Bidder shall, within seven (7) calendar days after the date of the Notice of Award, enter into a contract with the District for the performance of the services as stipulated in the bid.

10. The successful Bidder shall be required to furnish a 100 % Performance Bond and a 100% Payment Bond if it is awarded the contract for the Project.

11. The successful Bidder and its subcontractors shall pay all workers on the Project not less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Director of the Department of Industrial Relations, State of California, for the type of work performed and the locality in which the work is to be performed within the boundaries of the District, pursuant to sections 1770 et seq. of the California Labor Code. Prevailing wage rates are available from the District or on the Internet at: <http://www.dir.ca.gov>. Bidders and Bidders' subcontractors shall comply with the registration and qualification requirements pursuant to sections 1725.5 and 1771.1 of the California Labor Code.

12. The successful Bidder may substitute securities for any monies withheld by the District to ensure performance under the Contract, in accordance with the provisions of section 22300 of the Public Contract Code.

13. Effective January 1, 2015: The Oakland Unified School District has the duty to notify Department of Industrial Relations (DIR) when awarding a contract for a public works project over one thousand dollars (\$1,000), using the online PWC-100 form. This requirement, found in Labor Code Section 1773.3, now applies to ALL public works projects.

Effective March 1, 2015: NO contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with DIR.

Effective April 1, 2015: NO contractor or subcontractor may work on a public works project unless registered with DIR.

14. A **MANDATORY** pre-bid conference and site visit will be held on **Thursday, February 26, 2015, at 1:00 p.m. at Front Entrance, Cole School Site, 1011 Union Street, Oakland, California 94607.**

All participants are required to sign in at the Site Visit meeting. The Site Visit is expected to take approximately **1** hour. Failure to attend or tardiness will render bid ineligible.

15. Contract Documents are available on **Tuesday, February 17, 2015**, for review at East Bay Blue Print, located at 1745 14th Avenue, Oakland, CA 94606. All requests should be addressed Attention: Sandy. Plans can be ordered by:

Ph: 510-261-2990 Fax: 510-261-6077 Email: ebbp@eastbayblueprint.com, Attn Sandy

Online using the Plan Command system at www.eastbayblueprint.com or plans can be delivered to a place of business, at requester's own expense. Payment for plan sets must be made with East Bay Blue Print and are NON-REFUNDALBE.

In addition, Contract Documents are available for review at the following builders' exchanges:

Builder's Exchange of Alameda County
McGraw Hill Construction Data
San Francisco Builder's Exchange
Reed Construction Market Data
Contra Costa Builder's Exchange
Marin Builder's Exchange

16. The District's Board reserves the right to reject any and all bids and/or waive any irregularity in any bid received. If the District awards the Contract, the security of unsuccessful bidder(s) shall be returned within sixty (60) days from the time the award is made. Unless otherwise required by law, no bidder may withdraw its bid for ninety (90) days after the date of the bid opening.

17. **Project Labor Agreement:** The District has entered into a Project Labor Agreement with Building and Construction Trade Council of Alameda County, AFL-CIO.

18. The District shall award the Contract, if it awards it at all, to the lowest responsive responsible bidder based on: The base bid and Allowance amount only





**WIN BIDS
ACHIEVE GOALS**
Demonstrate Good Faith Effort

SBE - Your Diversity Outreach Partner

Rebuilding America
SBE partners with prime contractors, minority-, disadvantaged-, woman- and disabled veteran-owned businesses to rebuild our national infrastructure.

Building Capacity Through Growth
Since 1984 SBE has been in the forefront, bringing opportunities to the diverse business community.



Good Faith & Beyond

- One location, 1.5 million businesses
- Expertise with federal regulations (“CUF” commercially useful function; availability)
- Technical resources
- Planroom with estimating tool
- Advertisements and ad placement services
- Targeted mail/fax/email/radio broadcast/social network
- Telephone follow-up
- Computer-generated reports with customization

Acknowledgments include awards from:

- “Champion of Diversity”
- BACCOA Bay Area Contracts Compliance Officers Association
- “Minority Media Cornerstone Award”
- US Department of Commerce MBDA Minority Business Development Agency
- “Outstanding Achievement as Vendor” - City of Los Angeles
- “Minority Advocate” - NAMCSC

CONTACT US TODAY

A: 703 Market Street, Suite 1000, San Francisco, CA 94103
 P: 415.778.6250 or 800.800.8534 F: 415.778.6255 E: sbe@sbeinc.com W: www.sbeinc.com

SBE is a certified DBE (49 CFR 23), MBE and SBE firm



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