

SBE TODAY

Vol 30, Edition 152

MARCH 2, 2015

Diversity in Action Publish by SBE certified SBE/DBE/MBE

Why Transportation Agencies Need More Women Engineers



Participants during a "Transportation You" event aimed at encouraging teenage girls to explore transportation careers. Transportation You

By Daniel C. Vock

It is one of many activities at the gatherings, which also include presentations on what engineers do. Panelists discuss why they chose engineering, what is required academically to get into the field and what types of jobs are available. North Carolina is hosting four such events over a month, with roughly 200 students expected to participate. "All of the girls there were awestruck [by the presentations]," said Gail Herring, who coordinates the programs for the North Carolina DOT. "The purpose is to encourage more women to go into engineering, because the number of jobs in STEM (science, technology, engineering and math) are going to double in the near future. We need more women and minorities to consider this opportunity."

For the North Carolina DOT, getting girls excited about engineering is important for its future. Like many transportation agencies -- and public agencies in general -- the department faces a future where job openings could far outnumber qualified applicants. Boosting interest among women, who are vastly underrepresented in the transportation field, is one way to address that issue. And, experts say, increasing the number of women in the work-

force could improve the quality of transportation systems, too.

The lack of women in transportation careers is apparent throughout the industry, from mechanics to pilots to executives, said Marcia Ferranto, the president and CEO of the Women's Transportation Seminar (WTS), an international group whose local chapter co-hosted two of the North Carolina events. Take, for example, the number of women in top leadership positions, she said. Although the numbers have been growing, only eight states -- Delaware, Louisiana, Massachusetts, Mississippi, New York, Pennsylvania, South Carolina, Vermont and Washington -- have transportation departments headed by women. Only two of the 17 U.S. secretaries of transportation have been women. Even most private transportation companies are headed by men. "Until we get more women in these positions," Ferranto said, "it's harder for us to attract women into the field."

There are many other factors that discourage women from going into transportation as well, according to Ferranto. Many women who started off in the industry have not advanced, she said. They may have opted for another career because they could not advance in transportation or because their workplaces were not family-friendly.

And convincing women to study engineering is no guarantee that they will stick with a job in male-dominated workplaces. In engineering generally, women make up a fifth of college graduates with engineering degrees, but they only account for 11 percent of engineers in the workforce, according to a 2012 study commissioned by the federal government.

WTS and the U.S. Department of Transportation have started a program called "Transportation You" aimed at girls ages 13 to 18 to explore transportation careers. Ferranto expects that more state and local transportation agencies will start similar programs, as public agencies have been ahead of private industry in addressing the gender imbalance.

The lack of women engineers designing transportation systems can lead to real world problems, said Har-

■ Continued on page 5

SMALL BUSINESS EXCHANGE

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:

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

Balfour Beatty Construction

2335 Broadway, Suite #300 • Oakland, CA 94612
(510) 903-2054

Contact: Chet Brians • cbrians@balfourbeattyus.com

PROJECT: Transbay Block 9

LOCATION: San Francisco, CA

BID DUE DATE: March 26, 2015 at 2:00 PM

OCII project and 50% SBE / LBE goal

SCOPE OF WORK: Bid Package Group 1:

- Mechanical Systems – Design/Build
- Plumbing – Design/Build
- Electrical – Design/Build
- Fire Protection – Design/Build
- Curtainwall Systems – Design/Build
- Elevators – Design/Build
- Shoring Systems – Design/Build
- Excavation, Remediation and Demolition
- Dewatering Systems

Proposing Subcontractor/Supplier

You are hereby invited to submit a bid proposal to provide labor, material and equipment as necessary to perform the Work according to the your respective discipline per the corresponding Bid Package(s) listed above for the **Transbay Block 9** located in San Francisco, California. Your bid is to be in based on the Contract Documents, as prepared by SOM, and other Bid Instructions, Contract Appendices, and Attachments.

KEY DATES/INFORMATION

PRE-BID MEETING: March 5, 2015 at 2:00PM

LOCATION: San Francisco Branch Library
Park Meeting Room
1833 Page Street, San Francisco, California

LAST DAY FOR RFI'S: March 18, 2015 at 4:00PM

FINAL ADDENDA: March 20, 2015 at 4:00PM

BID PROPOSALS DUE: March 26, 2015 at 2:00PM

Bid Documents and other pertinent information can also be downloaded directly from Balfour Beatty Construction's **Egnyte** site at the following link:

Link to bid documents:
<https://bbcus.egnyte.com/fl/3wucvVI4z2>

Link to prequalification site:
www.balfourbeattyus.com

Plans and Specs. are also available at Balfour Beatty Construction office.

Seeking MBE, DVBE, DBE, WBE, SBE, SBRA, LSAF, HUB subcontractors and suppliers for **AGUA HEDIONDA SEWER LIFT STATION, VISTA/ CARLSBAD INTERCEPTOR SEWER REACHES VC11B-VC15 AND RECYCLED WATER LINE; CONTRACT NO. PWS13-40UTIL**
Project Owner: City of Carlsbad, CA
Project Location: Carlsbad, CA
Bid Date: Wednesday April 1, 2015

Trades: SWPPP, Dewatering/Sewer Bypassing, Shoring/Shafts/Piling, Landscaping & Irrigation, Fencing, AC Paving/Curbs/Stampercrete, Striping/Pavement Markings, Horizontal Directional Drilling, Microtunneling, Reinforcing Steel, Misc. Metal/Structural Steel, HVAC, Electrical & Instrumentation, Supply of Pipe and Valves, Aggregates, Redi-Mix Concrete.

Plans are available to download on City of Carlsbad Bids & Contracts website

Police Construction, Inc.

591 Camino de la Reina, Suite 1250
San Diego, CA 92108

Phone: (619) 814-3705 • Fax: (619) 814-3770

Contact: **Arinda Cale**, acale@police.com;

Kimberly Bell, kbell@police.com

An Equal Opportunity Employer



Owners Take Rap for Big Project Fails

By Scott Blair



Around 30% of megaprojects fail due to flaws or holes in developing basic project data.
Photo Courtesy CURT

Engineering errors and other causes lead to an alarming number of failed industrial megaprojects, but the finger should be pointed at the project owner, not the EPC contractor. That's the conclusion of an ongoing, multiyear study conducted by Independent Project Analysis Inc., with the participation of nearly 100 of the largest owners of global industrial projects.

"Of all the things we need to do, the most important is to stop the large project blow-outs," says Ed Merrow, IPA president. "Our industry, overall, has the misfortune that, the bigger it is, the harder and more often it tends to fail."

IPA presented the survey results to hundreds of owners and contractor representatives at the annual Construction Users Roundtable national conference, held on Feb. 9-11 in Chandler, Ariz.

The study examined over 3,700 projects and found a strong correlation between failure rate and size. Around 37% of projects under \$750 mil-

lion fail. But megaprojects over that amount tend to fail nearly two-thirds of the time.

In the study, a project failed if it met at least one of four criteria: Its costs grew by 25% or more; the schedule slipped at least 25% (one year, on average, for mega-projects); the project overspent compared to the industry average; or there were severe and continuing operational problems lasting more than two years after startup.

Merrow says projects derail long before contractors get on board. Owners may not perform sufficient front-end work on basic project parameters, such as scope and design. Or they don't properly shape the business aspects of the project, such as justifying the project, identifying stakeholders and properly governing joint ventures.

Errors in basic data, including engineering design and constructibility, lead to the failure of about 30% of mega-projects, Merrow says. "We are facing a profound

■ Continued on page 7

California Sub-Bid Request Ads

Pacific States Environmental Contractors, Inc. (PSEC) is preparing a bid as a Prime Contractor for the project listed below:

Restoration Of San Leandro Creek (LINE P) Between Hegenberger Road And 75 Feet Upstream of 98th Avenue in Oakland, Alameda County California Zone NO. 12 Project

Owner: Alameda County Flood Control Conservation District Hayward, CA

BID DATE: March 11, 2015 at 2pm.

We hereby encourage responsible participation of D/M/WBE's Disadvantaged Minority/Women-Owned Enterprises and solicit their subcontractor materials and/or suppliers for the following types of work including but not limited to:

Concrete, Trucking, Fencing, Hydroseeding

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. Please call if you need assistance in obtaining bonding, insurance, equipment, materials and/or supplies for this project.

This will be a PREVAILING WAGE JOB.

Plans and specifications may be reviewed at our office located at 11555 Dublin Boulevard, Dublin, CA, or by purchasing online www.ipdservices.com/clients/easbay?ALCO

Or by contacting: Central Blue Print at 17132 E. 14th Street Hayward, CA 94541 (510) 276-3375, East Bay Blue Print and Supply at 1745 14th Avenue, Oakland, CA 94606 (510) 261-2990 or Custom Blue Print 1944 Mt Diablo Boulevard, Walnut Creek, CA 94596 (925) 932-3113 PSEC is willing to breakout any portion of work to encourage D/M/WBE's Disadvantaged Minority/Women-Owned Enterprises, and solicit their subcontractor or materials and/or suppliers and trucking quotation. If you require any assistance, please contact the Estimator, Keith Donahue email him at kdonahue@pacificstates.net or call (925) 803-4333 and bids may be faxed to us at (925) 803-4334. We are an equal opportunity employer.

Pacific States Environmental Contractors, Inc.
CAL LIC. NO. 723241

11555 Dublin Boulevard • Dublin, CA 94568-2909
Phone: (925) 803-4333 • FAX: (925) 803-4334

ESTIMATOR: Keith Donahue

EMAIL: kdonahue@pacificstates.net

An Equal Opportunity Employer

RGW Construction Inc. is seeking all qualified Minority Owned Business and Women Owned Business Enterprises (MBE/WBE's) for the following project bidding to Alameda County:

Restoration of San Leandro Creek (Line P) Between Hegenberger Road and 75 Feet Upstream of 98th Avenue in Oakland – Zone No. 12 Project

Alameda County Flood Control and Water Conservation District

Spec No. FC 12-D-195

Goals: MBE 15% / WBE 5%

110 working days

Bid Date: 3/11/15 @ 2:00pm

Requesting Sub-quotes for (including but not limited to): Fabric and Oils, Clear & Grub, Roadway Excavation, Landscaping, Hydroseeding, Erosion Control, Aggregate Base, Fencing, Dewatering, SWPPP, Water Truck, Sweeper, Trucker & Storm Drain (Underground).

Scope of Work: Prepare & implement water pollution control plan, de-watering system, Structure excavation & Backfill, riprap slope protection, clearing & Grubbing, tree removal, furnish & place Class 2 AB, new concrete drain inlet, reconstruct drainage swale, new concrete vertical outfall, drainage flap gates, Hydroseeding, wetland planting, new black vinyl clad chain link fence & gate.

RGW is willing to breakout any portion of work to encourage MBE/WBE participation. Contact us for a specific item list.

Plans and Specs are available to view and copy at our office or online at www.ipdservices.com/clients/easbay?ALCO or contact Central Blue Print 510-276-3375. Contact Dave Czech 925-606-2400 for any questions, including bonding, lines of credit, insurance, equipment or material suppliers. Subcontractors should be prepared to submit payment and performance bonds equal to 100% of their quotation.

RGW Construction, Inc.

Contractors License A/B 591940

550 Greenville Road • Livermore, CA 94550 • Phone: 925-606-2400 • Fax: 925-961-1925

An Equal Opportunity Employer

RGW Construction Inc. is seeking all qualified DBE (Disadvantaged Business Enterprises) for the following project:

State Highway in Santa Clara and San Mateo Counties in Palo Alto and East Palo Alto from Oregon Expressway Overcrossing to 0.3 Mile South of University Avenue Overcrossing

Contract No. 04-235624 • Federal Aid Project ACNHP-000C(366)E

Engineer Estimate \$14,000,000 - 700 Working Days

Goal: DBE 9%

Bids: March 18, 2015 @ 2:00 PM

Requesting Sub-quotes for (including but not limited to): Fabric and Oils, Construction Area Signs, Traffic Control, Cold Plane, Demolition/Bridge Removal, Clear & Grub, Hydroseeding, Erosion Control, Pile Driving, CIDH Piles, Concrete Block & Masonry Retaining Wall, Joint Seal, Reinforcing Steel, Sign Structure, Signs Roadside, Concrete Curb & Sidewalk-Misc., Fencing, Object Marker, MBGR, Metal Railing, Concrete Barrier, Thermoplastic & Painted Traffic Stripe & Marking, Pavement Marking, Signal & Lighting, SWPPP Planning, Water Truck, Sweeper, Trucker.

Scope of Work: Bridge Replacement, HMA paving, drainage, concrete barrier

RGW is willing to breakout any portion of work to encourage DBE participation. Contact us for a specific item list.

Plans and Specs are available to view and copy at our office or the Caltrans website www.dot.ca.gov/hq/esc/oe/. Contact David Aboujudom 925-606-2400 david@rgwconstruction.com for any questions, including bonding, lines of credit, or insurance or equipment or material suppliers. Subcontractors should be prepared to submit payment and performance bonds equal to 100% of their quotation. For bonding and other assistance, please call.

RGW Construction, Inc.

Contractors License A/B 591940

550 Greenville Road • Livermore, CA 94550 • Phone: 925-606-2400 • Fax: 925-961-1925

An Equal Opportunity Employer

Visit Small Business Exchange at www.sbeinc.com
to download the latest
SBE Newspaper and SBE Today E-Newsletter

California Sub-Bid Request Ads



Best Contracting Services, Inc.
Is requesting bids from all
DVBE, DBE, MBE, WBE, SBE
Suppliers, Subcontractors and Truckers
for the following Project:

Roof Replacement
2099 Arnold Way Concord, CA
Authorization No. 0928-WH286B
Owner: Contra Costa County
Bid Date: March 12, 2015 at 2:00 P.M.

Trades included but not limited to:
Material Supplier, Trucking, Demolition,
ACM Removal

To request plans and specs please go to city website:
www.cccounty.us/cpmprojects

Contact: Candys/Tom Ryan with any questions at
P: (310) 328-6969, F: (310) 328-9176
E: tryan@bestcontracting.com,
cruffin@bestcontracting.com

WE ARE
AN EQUAL OPPORTUNITY CONTRACTOR

Woodcliff Corporation is seeking
subcontractor participation for:
Visitation Valley Elementary School Modernization
San Francisco Unified School District #11524

55 Schwerin Street,
San Francisco, California 94134
Bid date: March 3, 2015 at 2:00 PM

Please submit bids to: Fred Nehoray

Woodcliff Corporation
1849 Sawtelle Blvd., Ste. 610 • Los Angeles, CA 90025
Tel: (310) 312-1400 • Fax: (310) 312-1403
fred@woodcliff.net

An Equal Opportunity Employer

B-Side, Inc. is requesting quotations from all
City & County of San Francisco HRC Certified
MBE/DBE/WBE/DVBE/SBE/ LBE and all
qualified Subcontractors/Vendors for the project

Mission Education Center Windows Replacement
Project (Project No: 11039)
Owner: SFUSD
Bid date: March 10, 2015 at 3:00 PM

Trades requested are: Exterior Windows Replacement,
DEMO, Hazmat.

Please submit quotes via fax or email no later than
March 10, 2015 before 12:00 pm.

B-Side Construction, Inc.
1940 Union Str. #9; Oakland, CA 94607
Phone: 510-451-7527; Fax: 510-451-7517
Email: info@bsideconstruction.com

Bid Documents are available at Builder's Exchange of
Alameda County. Please contact our office for plans and
specs help.

REQUESTING BIDS FROM QUALIFIED DBE SUBCONTRACTORS
AND SUPPLIERS FOR THE FOLLOWING PROJECT:

11th Street East Tracy Overhead Bridge Replacement Project
City of Tracy, CIP No. 73063, Bid Date: March 3, 2015 at 2:00 pm

We hereby encourage responsible participation of local Disadvantaged Business Enterprises (7.1% Goal), and solicit their subcontractor or material quotation for the following types of work. This is a highway project with the typical items of work associated, but not limited to: Track Settlement Monitoring, Ballast Tamping, Construction Staking, Lead Compliance Plan, Construction Area Signs, Traffic Control System, Type III Barricade, Stripe and Markers, K-Rail, Crash Cushion, SWPPP, Temp Hydroseed, Temp Drainage Inlet Protection, Temp Fiber Roll, Temp Silt Fence, Street Sweeping, Temp Fence, Abandon Culvert, Chain Link Fence, MBGR, Irrigation Facility, Remove Stripe and Markers, Remove Pipe, Remove Inlet, Cold Plane Asphalt, Remove Concrete, Sand Backfill, Remove Railing, Bridge Removal, Clear & Grub, Roadway Excavation, Structure Excavation, Structure Backfill, Imported Borrow, Landscaping, Irrigation System, Erosion Control, Class 2 Aggregate Base, Hot Mix Asphalt, Place Hot Mix Asphalt Dike, Temp Retaining Walls, Temporary Prefabricated Modular Steel Truss Bridge, Steel Casings, CIDH, Prestressing, Structural Concrete, Minor Concrete, CIP Concrete Collar, Strom Drain Junction, Architectural Treatment, Precast Prestressed Concrete Girder, Joint Seal, Rebar, Roadside Sign, Reinforced Concrete Pipe, Drainage Wick, Storm Drain Manhole, Drop Inlet, Rock Slope Protection, Slope Paving, Isolation Casing, Misc Metal, Bridge Deck Drainage System, Sewer Line Modifications, Temporary Fence, Concrete Barrier, Collapsible Bollard, Traffic Signal and Lighting, Street and Bridge Lighting System, Entry Monument Structure, Construction Equipment and Rentals, Trucking.

C.C. Myers, Inc. is willing to break down items of work into economically feasible units to encourage DBE participation. If you are interested in any of this work, please provide us with a scope letter or contact us immediately. Plans and Specifications are available from C.C. Myers, Inc.'s Sharepoint site, please contact us for log in information. Plans and Specs can also be viewed on the City of Tracy website, <http://www.ci.tracy.ca.us/?navid=5177>.

Conditions or exceptions in Subcontractor's quote are expressly rejected unless expressly accepted in writing. Subcontractor and Supplier quotes are required 24 hours prior to the bid date to enable thorough evaluation.



C.C. Myers, Inc.

3286 Fitzgerald Rd. • Rancho Cordova, CA 95742 • 916-635-9370 • Fax 916-635-1527

Each Subcontractor shall be prepared to submit faithful performance and payment bonds equal to 100% of their quotation. The Contractor will pay standard industry rates for these bonds.

Contact C. C. Myers, Inc. for assistance with bonds, insurance, lines of credit, equipment, supplies or project plans and specifications. C.C. Myers, Inc., is a Union Contractor.

AN EQUAL OPPORTUNITY EMPLOYER

Project: PROJECT: RTE 8- WEST OF WARING ROAD TO WEST OF COLLEGE AVE, CALTRANS 11-405504

****THIS PROJECT HAS A 12% DBE Goal ****

BID DATE: Wednesday, March 11, 2015 @ 2:00 P.M.
Please respond by 5:00 p.m., March 10, 2015

We are seeking sub-bids from DBE subcontractors/subconsultants, and material and/or equipment suppliers in the areas of work included in, but not limited to: Lead Compliance Plan, Construction Area Signs, Striping & Marking, PCMS, Prepare SWPPP, Cold Plane Asphalt Concrete, Clear & Grubbing, Landscape/Irrigation, Hot Mix AC, Fog Seal, Crack Treatment, AC Dike, Drill & Bond (Dowels Bar/Tie Bars), Grind Concrete, Joint Seal, Misc Iron & Steel, CL Fence, Guard Railing Delineator, Midwest Guardrail System, Concrete Barrier, Electrical, Trucking, Sweeping, Aggregates.



9685 Via Excelencia, Ste 200 • San Diego, CA 92126

Phone: (858) 536-3100 • Fax: (858) 586-0164

e-mail inquiries to: estimating@coffmanspecialties.com

For any bid proposal submitted on or after March 1, 2015 and any contract for public work entered into on or after April 1, 2015, the following registration requirements apply: Every Subcontractor is required to be registered to perform public work pursuant to Section 1725.5 of the Public Contract Code. No Contractor or Subcontractor shall be qualified to bid on, be listed in a bid proposal pursuant to Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, unless currently registered to perform public work pursuant to Section 1725.5. No bid shall be accepted nor any subcontract entered into without proof of the Subcontractor's current registration to perform public work pursuant to Section 1725.5. If used in our Bid, Coffman Specialties requires this proof be submitted w/in 24 hours of Bid Date.

Coffman Specialties, Inc. is signatory to Operating Engineers, Laborers, Teamsters, Cement Masons and Carpenters unions. Quotations must be valid for the same duration as specified by the Owner for contract award. Insurance and 100% Payment & Performance Bonds will be required. We will provide assistance/advice with obtaining Bonds/Insurance/Credit. Waiver of Subrogation will be required. Plans are available through CALTRANS and our San Diego Office. We are an EOE & seriously intend to negotiate with qualified firms. Non-DBE Subs/Suppliers: Indicate 2nd tier DBE participation offered on your quotation as it will be evaluated with your price.

California Sub-Bid Request Ads

REQUEST FOR DBE SUBCONTRACTORS AND SUPPLIERS FOR:

Hwy 12 Repair Pavement/Overlay, Terminous

Caltrans #10-0W5604

BID DATE: March 11, 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.

REQUEST FOR LBE, SLBE & DVBE SUBCONTRACTORS AND SUPPLIERS FOR:

955 High Street Paving Phase 2

Oakland Unified School District

BID DATE: March 17, 2015 @ 2:00 PM

We are soliciting quotes for (including but not limited to): Trucking, Demolition, Class 2 Contaminated Disposal, Concrete, Underground, Surveying and Construction Materials

O.C. Jones & Sons, Inc.

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

Contact: Mike Crowley

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

REQUEST FOR DBE SUBCONTRACTORS AND SUPPLIERS FOR:

Hwy 101 Petaluma – Realign & Bridge • Caltrans #04-264094

BID DATE: March 5, 2015 @ 2:00 PM

We are soliciting quotes for (including but not limited to): Trucking, Lead Compliance Plan, Construction Area Signs, Traffic Control System, Type III Barricade, Portable Changeable Message Sign, SWPPP, Rain Event Action Plan, Storm Water Sampling & Analysis, Water Quality Sampling & Analysis, Temporary Fence, Health & Safety Plan, ADL Burial Location Report, Treated Wood Waste, Abandon Culvert, Destroy Well, Adjust Utilities, Cold Plane AC, Cap Inlet, Culvert Slurry-Cement Backfill, Bridge Removal, Clearing & Grubbing, Develop Water Supply, Dust Palliative, Roadway Excavation (Type Y-I Aerially Deposited Lead), Settlement and Monitoring, Shoulder Backing, Structure Excavation, Structure Backfill, Pervious Backfill Material, Rammed Aggregate Columns, Imported Biofiltration Soil, Underground, Erosion Control, Hydromulch, Hydroseed, Compost, Lean Concrete Base, Crack Treatment, Prime Coat, AC Dike, Data Core, Tack Coat, Steel Casing, CIDH Concrete Piling, Prestressing CIP Concrete, Structural Concrete, Minor Concrete, Steel Sheet Piling, Architectural Treatment, Joint Seal Assembly, Bar Reinforcing Steel, Sign Structure, Roadside Signs, Bat Habitat, Prepare & Paint Concrete, Temp. Access Pad, Rock Slope Protection, Detectable Warning Surface, Misc. Iron & Steel, Rigid Rail Fall Protection System, Isolation Casing, Bridge Deck Drainage System, Fencing, Delineator, Object Marker, Midwest Guardrail System, Double Thrie Beam Barrier, Cable Railing, End Anchor Assembly, Type SCI 100GM Crash Cushion, Concrete Barrier, Striping & Marking, Traffic Operations System and Construction Materials

O.C. Jones & Sons, Inc.

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

Contact: Jean Sicard • 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.

Why Transportation Agencies Need More Women Engineers

Continued from page 1

vard University public health researcher Anne Lusk. Early air bags in cars injured or killed women and children because they were designed to protect men. In fact, the federal agency that evaluates crash safety for vehicles first started using smaller, “female” dummies in its compliance tests in 2003. Even some bus shelters discourage women from using them by not offering multiple exits, she said.

Lusk, whose work focuses on cycling, said male dominance in transportation engineering has led to more dangerous traveling experiences for women. For instance, she said, her research found that bike lanes physically separated from traffic are safer than painted bike lanes on the side of the road. Women, in particular, favor bike lanes cordoned off from vehicle traffic, research has shown. But for years, U.S. transportation planners shunned cycle tracks.

One of the big reasons for that, Lusk said, is that the teams that developed the industry's bike infrastructure standards were dominated by men. When the American Association of State Highway and Transportation Officials (AASHTO) produced those standards in 1991 and 1999, its teams were 91 and 97 percent male, respectively. The cycling guidelines were updated again in 2012, but they again did not include protocols for protected bike lanes. (AASHTO officials did not respond to requests for comment by press time.)

There are other ways a male-centered approach discourages women from biking, Lusk said. Environmentally friendly building standards often call for places to store bikes. But, in many cases, those storage spaces are “bike cages,” which discourage women cyclists. They often have only one exit, raising safety concerns. And many require cyclists to lift their bikes, which discourages women who tend to have heavier bikes and less upper body strength, Lusk said.

Even the time cyclists have to cross intersections on a green signal can reflect the biases of men engineers, she said. Research shows women take longer to get through an intersection than men. They generally don't have as much leg strength as men. But women's attire and the weight of their bikes also make them slower than men.

More women in the transportation industry, she said, could help address those issues. “I think it would be lovely if all young girls saw the positive impact they could make on transportation infrastructure if they were in the design world.”

Source: <http://www.governing.com>



Public Legal Notices

CALIFORNIA STATE UNIVERSITY STANISLAUS

NOTICE TO CONTRACTORS LIBRARY II RE-ROOF PROJECT #9289 CSU STANISLAUS One University Circle, Turlock, CA 95382

The Trustees of the California State University will receive sealed bid proposals in room MSR290, at the above address, for furnishing all labor and materials for construction of the Library II Re-Roof Project Number 9289, for the CSU Stanislaus campus.

Proposals will be received in the above-mentioned room until 2:00 p.m. on March 19, 2015 in accordance with the contract documents, at which time the proposals will be publicly opened and read.

In general, the work consists of the removal of existing 26,000 sq ft roof, provide and install roof insulation and 60 mil fully adhered PVC membrane with proper accessories in accordance with the plans and specifications prepared by CRC Consulting Group, 1400 Easton Dr., Ste 138, Bakersfield, CA 93309 (661) 321-9578; e-mail: crcbake1@crconsult.com.

Plans and specifications may be seen at the office of the University and Plan Rooms. Engineer's construction estimate is \$340,000.

Plans and specifications will be available for review and purchase after February 23, 2015 by requesting them from ARC by going to www.e-ARC.com/ca/modesto then clicking on "Public Planroom" or by calling the ARC Modesto location at (209) 524-2924 asking for the PlanWell Department. Plans and specifications cost approximately \$125 plus tax and shipping payable to ARC and are non-refundable.

Each bidder offering a proposal must comply with bidding provisions of Article 2.00 et seq. in the Contract General Conditions, and should be familiar with all the provisions of the Contract General Conditions and Supplementary General Conditions.

This project is a public works project and is subject to prevailing wage rate laws (see Contract General Conditions, Article 4.02-c). All contractors and all tiers of subcontractors bidding on this project shall register to bid public works projects with the Department of Industrial Relations (DIR), and maintain current this registration pursuant to Labor Code Section 1725.5. Please go to <http://www.dir.ca.gov/Public-Works/PublicWorks.html> for more information and to register.

A mandatory pre-bid walkthrough has been scheduled for March 4, 2015 at 10:00 am. Interested bidders should assemble at Mary Stuart Rogers Building room MSR130 on the campus.

The Trustees require the successful bidder to achieve three percent (3%) DVBE participation in contracting construction projects as established in the bidding documents, and bidders shall identify the DVBEs to be used to satisfy this requirement in their bids. The Trustees are also granting a 1% DVBE bid incentive for DVBE participation of 4%. Bidders shall contact the University's DVBE Program Advocate at (209) 667-3243 or Debbie DaRosa at (209) 667-3987.

It will be the responsibility of each bidder to obtain a bid proposal package in sufficient time to fulfill requirements therein. Bid proposal packages are obtainable only by contractors, licensed in the State of California with a C-39 license, and registered with the DIR to bid public works projects. The bid packages must be requested from the Trustees, located at CSU Stanislaus, One University Circle, Turlock, CA 95382, Attention: Debbie DaRosa, (209) 667-3987.

CALIFORNIA STATE UNIVERSITY STANISLAUS

NOTICE TO CONTRACTORS CAFETERIA RE-ROOF PROJECT #9288 CSU STANISLAUS One University Circle, Turlock, CA 95382

The Trustees of the California State University will receive sealed bid proposals in room MSR290, at the above address, for furnishing all labor and materials for construction of the Cafeteria Re-Roof Project Number 9288, for the CSU Stanislaus campus.

Proposals will be received in the above-mentioned room until 2:00 p.m. on March 19, 2015 in accordance with the contract documents, at which time the proposals will be publicly opened and read.

In general, the work consists of the removal of existing 28,200 sq ft roof, provide and install roof insulation and 60 mil fully adhered PVC membrane with proper accessories in accordance with the plans and specifications prepared by CRC Consulting Group, 1400 Easton Dr., Ste 138, Bakersfield, CA 93309 (661) 321-9578; e-mail: crcbake1@crconsult.com.

Plans and specifications may be seen at the office of the University and Plan Rooms. Engineer's construction estimate is \$370,000.

Plans and specifications will be available for review and purchase after February 23, 2015 by requesting them from ARC by going to www.e-ARC.com/ca/modesto then clicking on "Public Planroom" or by calling the ARC Modesto location at (209) 524-2924 asking for the PlanWell Department. Plans and specifications cost approximately \$125 plus tax and shipping payable to ARC and are non-refundable.

Each bidder offering a proposal must comply with bidding provisions of Article 2.00 et seq. in the Contract General Conditions, and should be familiar with all the provisions of the Contract General Conditions and Supplementary General Conditions.

This project is a public works project and is subject to prevailing wage rate laws (see Contract General Conditions, Article 4.02-c). All contractors and all tiers of subcontractors bidding on this project shall register to bid public works projects with the Department of Industrial Relations (DIR), and maintain current this registration pursuant to Labor Code Section 1725.5. Please go to <http://www.dir.ca.gov/Public-Works/PublicWorks.html> for more information and to register.

A mandatory pre-bid walkthrough has been scheduled for March 4, 2015 at 10:00 am. Interested bidders should assemble at Mary Stuart Rogers Building room MSR130 on the campus.

The Trustees require the successful bidder to achieve three percent (3%) DVBE participation in contracting construction projects as established in the bidding documents, and bidders shall identify the DVBEs to be used to satisfy this requirement in their bids. The Trustees are also granting a 1% DVBE bid incentive for DVBE participation of 4%. Bidders shall contact the University's DVBE Program Advocate at (209) 667-3243 or Debbie DaRosa at (209) 667-3987.

It will be the responsibility of each bidder to obtain a bid proposal package in sufficient time to fulfill requirements therein. Bid proposal packages are obtainable only by contractors, licensed in the State of California with a C-39 license, and registered with the DIR to bid public works projects. The bid packages must be requested from the Trustees, located at CSU Stanislaus, One University Circle, Turlock, CA 95382, Attention: Debbie DaRosa, (209) 667-3987.

CALIFORNIA STATE UNIVERSITY STANISLAUS

NOTICE TO CONTRACTORS LIBRARY SWITCHGEAR REPLACEMENT PROJECT #9287 CSU STANISLAUS One University Circle, Turlock, CA 95382

The Trustees of the California State University will receive sealed bid proposals in room MSR290, at the above address, for furnishing all labor and materials for construction of the Library Switchgear Replacement Project 9287, for the CSU Stanislaus campus.

Proposals will be received in the above-mentioned room until 2:00 p.m. on April 2, 2015 in accordance with the contract documents, at which time the proposals will be publicly opened and read.

In general, the work consists of replacement of the existing substation with a utility style pad mounted transformer and new distribution. This will require demolishing the existing electrical infrastructure at the library and disposing of the existing equipment. The contractor will be required to maintain electrical service in a continuous fashion, furnish and install new transformer, feeders, and related equipment for a complete operable system in accordance with the plans and specifications prepared by Miller-Pezzone and Associates, 909 15th St. Suite 7, Modesto, CA. Plans and specifications may be seen at the office of the University and Plan Rooms. Engineer's construction estimate is \$282,000.

Plans and specifications will be available for review and purchase after March 6, 2015 by requesting them from ARC by going to www.e-ARC.com/ca/modesto then clicking on "Public Planroom" or by calling the ARC Modesto location at (209) 524-2924 asking for the PlanWell Department. Plans and specifications cost approximately \$125 plus tax and shipping payable to ARC and are non-refundable.

Each bidder offering a proposal must comply with bidding provisions of Article 2.00 et seq. in the Contract General Conditions, and should be familiar with all the provisions of the Contract General Conditions and Supplementary General Conditions.

This project is a public works project and is subject to prevailing wage rate laws (see Contract General Conditions, Article 4.02-c). All contractors and all tiers of subcontractors bidding on this project shall register to bid public works projects with the Department of Industrial Relations (DIR), and maintain current this registration pursuant to Labor Code Section 1725.5. Please go to <http://www.dir.ca.gov/Public-Works/PublicWorks.html> for more information and to register.

A mandatory pre-bid walkthrough has been scheduled for March 17, 2015 at 10:00 am. Interested bidders should assemble at Mary Stuart Rogers Building room MSR130 on the campus.

The Trustees require the successful bidder to achieve three percent (3%) DVBE participation in contracting construction projects as established in the bidding documents, and bidders shall identify the DVBEs to be used to satisfy this requirement in their bids. Bidders shall contact the University's DVBE Program Advocate at (209) 667-3243 or Debbie DaRosa at (209) 667-3987.

It will be the responsibility of each bidder to obtain a bid proposal package in sufficient time to fulfill requirements therein. Bid proposal packages are obtainable only by contractors, licensed in the State of California with a C-10 license, and registered with the DIR to bid public works projects. The bid packages must be requested from the Trustees, located at CSU Stanislaus, One University Circle, Turlock, CA 95382, Attention: Debbie DaRosa, (209) 667-3987.

Public Legal Notices

CALIFORNIA STATE UNIVERSITY STANISLAUS

NOTICE TO CONTRACTORS CAFETERIA TRANSFORMER REPLACEMENT PROJECT #9286 CSU STANISLAUS

One University Circle, Turlock, CA 95382

The Trustees of the California State University will receive sealed bid proposals in room MSR290, at the above address, for furnishing all labor and materials for construction of the Cafeteria Transformer Replacement Project 9286, for the CSU Stanislaus campus.

Proposals will be received in the above-mentioned room until 2:00 p.m. on April 2, 2015 in accordance with the contract documents, at which time the proposals will be publicly opened and read.

In general, the work consists of replacing the existing vaulted transformer with a utility style pad mounted transformer. This will require demolishing the existing electrical infrastructure at the cafeteria and disposing of the existing equipment. The contractor will be required to maintain electrical service in a continuous fashion, furnish and install new transformer, feeders, and related equipment for a complete operable system in accordance with the plans and specifications prepared by Miller-Pezzoni and Associates, 909 15th St. Suite 7, Modesto, CA. Plans and specifications may be seen at the office of the University and Plan Rooms. Engineer's construction estimate is \$150,000.

Plans and specifications will be available for review and purchase after March 6, 2015 by requesting them from ARC by going to www.e-ARC.com/ca/modesto then clicking on "Public Planroom" or by calling the ARC Modesto location at (209) 524-2924 asking for the PlanWell Department. Plans and specifications cost approximately \$125 plus tax and shipping payable to ARC and are non-refundable.

Each bidder offering a proposal must comply with bidding provisions of Article 2.00 et seq. in the Contract General Conditions, and should be familiar with all the provisions of the Contract General Conditions and Supplementary General Conditions.

This project is a public works project and is subject to prevailing wage rate laws (see Contract General Conditions, Article 4.02-c). All contractors and all tiers of subcontractors bidding on this project shall register to bid public works projects with the Department of Industrial Relations (DIR), and maintain current this registration pursuant to Labor Code Section 1725.5. Please go to <http://www.dir.ca.gov/Public-Works/PublicWorks.html> for more information and to register.

A mandatory pre-bid walkthrough has been scheduled for March 17, 2015 at 10:00 am. Interested bidders should assemble at Mary Stuart Rogers Building room MSR130 on the campus.

The Trustees require the successful bidder to achieve three percent (3%) DVBE participation in contracting construction projects as established in the bidding documents, and bidders shall identify the DVBEs to be used to satisfy this requirement in their bids. Bidders shall contact the University's DVBE Program Advocate at (209) 667-3243 or Debbie DaRosa at (209) 667-3987.

It will be the responsibility of each bidder to obtain a bid proposal package in sufficient time to fulfill requirements therein. Bid proposal packages are obtainable only by contractors, licensed in the State of California with a C-10 license, and registered with the DIR to bid public works projects. The bid packages must be requested from the Trustees, located at CSU Stanislaus, One University Circle, Turlock, CA 95382, Attention: Debbie DaRosa, (209) 667-3987

SAN JOSE STATE UNIVERSITY

NOTICE TO PROPOSERS REQUEST FOR STATEMENT OF QUALIFICATIONS (RFQ)

For
Collaborative Design-Build Services

Student Recreation and Aquatic Center, Project
Number: SJSU-304

San Jose State University
One Washington Square • San Jose, CA 95192-0010

The Trustees of the California State University (Trustees) are requesting Statements of Qualifications (SOQ) from interested and qualified entities herein called Respondents who wish to participate in a competitive selection process for the design and construction of the Student Recreation and Aquatic Center (Project Number SJSU-304). The new Student Recreation and Aquatic Center (SRAC) consists of gymnasiums, weight and fitness center, exercise rooms, rock climbing wall, facilities for sports club organizations, and new competition and recreation pools with support spaces. The project site is located at the south east corner of 7th Street and San Carlos across from the existing Event Center. As part of the project, two existing Residence Halls (Hoover and Royce) and the existing Aquatic Center will be demolished to create space for the new Student Recreations and Aquatic Center. The project also includes utility upgrades in the vicinity of the project site. Construction is expected to start in August 2016.

The delivery method for this project is modified from CSU's design-build process and is called Collaborative Design-Build. In this process the design build team, consisting of general contractor and architect, is selected based on qualifications and fees. The schematic design competition is not utilized. A contract will be executed with the successful respondent for schematic design. Upon acceptance of schematic design, a design build contract with a guaranteed maximum price will be executed for completion of the design and for con-

struction of the project. A non-mandatory presentation of this process is scheduled for March 12, 2015 at 10:00am and all interested parties are invited. The presentation will be held on the second floor of the Student Union in the Ballroom Section A. Attendees are asked to pre-register not later than March 11, 2015 by emailing the Facilities Development and Operations' contracts office at sylvia.sosa@sjsu.edu and violet.gonzalez@sjsu.edu.

Respondents must hold a General Building Contractor (B License) and shall be prequalified with the Trustees, and shall submit their prequalification application no less than 10 business days prior to submittal date. For information regarding prequalification, please go to: http://www.calstate.edu/cpdc/cm/contractor_prequal_bidders.shtml.

The SOQ Submittal Due Date is March 27, 2015. The estimated Construction Cost is \$82,721,000.

The RFQ may be obtained by registering at the San Jose state University contract services and procurement website at <http://www.planetbids.com/portal/portal.cfm?CompanyID=15275#>. Once registration is completed, log into planetbids.com at <http://www.planetbids.com/hub/hub.cfm>, search for "Student Recreation and Aquatic Center (SJSU-304)" and download the RFQ.

The Trustees require a three percent Disabled Veteran Business Enterprise participation. This project is public works project and is subject to prevailing wages rate laws.

Please direct all questions in writing to:

Sylvia Sosa-Galindo
Sr. Contracts Specialist
San Jose State University
Facilities Development & Operations
One Washington Square
San Jose, CA 95192-0010
Email: sylvia.sosa@sjsu.edu
Phone: 408-924-2246

Owners Take Rap for Big Project Fails

Continued from page 2

crisis in engineering that is making it very difficult to do these complex, engineering-intensive projects successfully." The engineering error rate has doubled since 2006, according to the study; Merrow describes some of them as "Chemical Engineering 101-type errors."

One IPA study participant says his firm avoids many pitfalls by developing a project plan years before field construction begins, which helps to ensure the job is cost-effective and not driven by schedule.

Even after the contractor joins the project, owners can still stumble. In a separate presentation at the conference, John Pemberton, vice president of Intel's technology and manufacturing group, said, "We, as owners, are a big chunk of the problem. We write the contracts, we set up how the game is going to get played, and we often set up adversarial relationships with many of the people who are trying to do good work on our behalf."

Pemberton says it's up to owners to step up and drive change. "If we want a different result, we have to play a different game," he adds.

Source: <http://enr.construction.com>

Visit www.sbeinc.com
to download a PDF version
of the latest SBE Newspaper
and SBE Newsletter