

We Need to Get Smarter About Rebuilding After Storms



Jennifer Bryant looks over the debris from her family business destroyed by Hurricane Harvey Saturday, August 26, 2017, in Katy, Texas. David J. Phillip/AP

By Thaddeus R. Miller, Mikhail Chester,

In an era of unprecedented weather events, infrastructure must be adaptable, resilient, and equitable.

Before Hurricane Harvey made landfall on August 25, there was little doubt that its impact would be devastating and wide-ranging.

Unfortunately, Harvey delivered and then some with early estimates of the damage at over \$190 billion, which would make it the costliest storm in U.S. history. The rain dumped on the Houston area by Harvey has been called “unprecedented,” making engineering and floodplain design standards look outdated at best and irresponsible at worst.

But to dismiss this as a once-in-a-lifetime event would be a mistake. With more very powerful storms forming in the Atlantic this hurricane season, we should know better. We must listen to those telling a more complicated story, one that involves decades of land-use planning and poor urban design that has generated impervious surfaces at a fantastic pace.

As the Houston region turns its attention to rebuilding and other cities consider ramping up efforts to make their infrastructure more resilient, it is this story that can provide valuable lessons

for policymakers, planners, engineers, developers, and the public. These lessons are all the more important against the backdrop of a Trump administration that has stripped requirements for infrastructure projects to consider climate impacts and may try to offer an infrastructure investment package.

We draw from our research as a social scientist and an engineer and from our experience helping to lead the Urban Resilience to Extreme Weather Events Sustainability Research Network (funded by the U.S. National Science Foundation). Here are six rules for investing in infrastructure for the 21st century, recognizing the need to rethink how we design and operate it.

If we design with the technologies, needs, and climate conditions of the 20th century, we will no longer serve society and the hazards we will encounter now and in the future.

A strong foundation

Proactive maintenance first. In 2017, U.S. infrastructure was given a D+ by the American Society for Civil Engineering Infrastructure Report Card. The bill to repair all those deteriorating roads, bridges, and dams would tally \$210 billion by 2020, and \$520 billion in 2040. For ex-

ample, the U.S. Army Corps of Engineers estimates there are 15,460 dams in the U.S. with “high” hazard ratings.

Yet, when our cities and states spend on infrastructure, it is too often on new infrastructure projects. And new infrastructure tend to emulate the models, designs and standards that we’ve used for decades—for instance, more highway capacity or new pipelines.

Meanwhile, resources for long-term maintenance are often lacking, resulting in a race to scrape together funding to keep systems running. If we want to get serious about avoiding disasters in a rapidly changing world, we must get serious about the maintenance of existing infrastructure.

Invest in and redesign institutions, not just infrastructure. When analyzing breakdowns in infrastructure, it is tempting to blame the technical design. Yet design parameters are set by institutions and shaped by politics, financing, and policy goals.

So failures in infrastructure are not just technical

■ **Continued on page 6**

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:

795 Folsom Street, 1st Flr, Room 1124

San Francisco, CA 94107

Email: sbe@sbeinc.com

Website: www.sbeinc.com

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

Fax: (415) 778-6255

**Publisher of
Small Business Exchange
weekly newspaper**



California Sub-Bid Request Ads



Kiewit

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

Requests sub-bids from qualified Contract Monitoring Division (CMD) Small and Micro-LBEs, San Francisco Public Utilities Commission (SFPUC) certified Local Business Enterprises (LBE), CUCP and SBA certified Disadvantaged Business Enterprises (DBE) Subcontractors, Consultants, and/or Suppliers seeking to participate in the SFPUC, SEWP/PCP New Headworks Facility Scope 1 Site Preparation Project in San Francisco, CA.

<http://www.sfgov.org/cmd>
<http://www.epa.gov/> / <http://www.sba.gov>
www.californiaucp.org

Subcontractors and Suppliers for the following project:

**SEWP/PCP New Headworks Facility Scope 1
Site Preparation Project**
Contract No. WW-628
Owner: San Francisco
Public Utilities Commission
Bid Date: September 15, 2017 @ 2:00 P.M.

**Local Business Enterprises, Small/Micro (LBEs)
Disadvantaged Business Enterprises (DBEs)**

Disabled Veteran Business Enterprises (DVBE), Minority Business Enterprises (MBE), Women Business Enterprises (WBE), Small Business Enterprises (SBE), Small Businesses in a Rural Area (SBRA), Labor Surplus Area Firms (LSAF), or Historically Underutilized Business (HUB) Zone Businesses

wanted for the following scopes, including, but not limited to:

Aggregates, Cellular Concrete, Concrete Supply, Concrete Pumping, Concrete Reinforcement Supply & Install, Precast Concrete, CIDH, CLSM, Crew Transportation, Dewatering, Fencing, Groundwater Monitoring, Piping, Shoring, Street Sweeping, SWPPP, Trucking & Hauling 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 CMD and SFPUC certified, LBE, Small/Micro SB LBE and CUCP, MBE, SBE, SBRA, LSAF OR HUB certified DBE suppliers and subcontractors. Please visit SFPUC website: <http://sfgov.org/cmd/surety-bond-assistance-program-1> for their Bond Assistance Program. 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
September 11, 2017 and Quotes NO LATER THAN
September 14, 2017 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 complete the SFPUC Confidentiality Agreement, register your company and to receive bidding information, view plans and specifications.

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

Performance Bond and Payment Bonds may be required for subcontractors and a suppliers bond for suppliers, where applicable.

Clean Water State Revolving Fund (CWSRF) Provisions apply

Prevailing Wages apply

An Equal Opportunity Employer
CA Lic. 433176
DIR # 100001147

HAYWARD BAKER

A Keller Company



DBE SUBCONTRACTORS/SUPPLIER BIDS/
PROPOSALS REQUESTED

CONTRACT NO. C1146
METRO FACILITIES GROUTING
AND WATER REMEDIATION

**BID/PROPOSAL SUBMITTAL DATE:
SEPTEMBER 28, 2017 @2PM**

OWNER: LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION
AUTHORITY (LACMTA)

PERFORMANCE/PAYMENT/SUPPLYBOND
MAY BE REQUIRED THIS ADVERTISEMENT IS
IN RESPONSE TO LACMTA'S DBE PROGRAM.

HBI. INTENDS TO CONDUCT
ITSELF IN "GOOD FAITH" WITH DBE FIRMS REGARDING PARTICIPATION ON THIS PROJECT.

DRAWINGS AND SPECS WILL BE REVIEWED
IN OUR OFFICE (1780 E. LEMONWOOD DRIVE,
SANTA PAULA, CA 93060) MONDAY THROUGH
FRIDAY 8:00AM TO 5:00PM.

QUOTES ARE REQUIRED BY COB,
SEPTEMBER 27, 2017, SO THAT ALL BIDS/
PROPOSALS CAN BE FAIRLY EVALUATED.
PLEASE SUBMIT BIDS/PROPOSALS FOR
THE FOLLOWING WORK/SUPPLIES (BUT NOT
LIMITED TO):

TRUCKING, REBAR, PORTLAND CEMENT,
ACRYLATE POLYURETHANE RESIN, WATER
PROOFING, BENTONITE POWDER, AND
BAGGED MICROFINE CEMENT.

CONTACT: DANE TAYLOR,
PROJECT MANAGER
1780 E. LEMONWOOD DRIVE
SANTA PAULA, CA 93060
PHONE: (805) 933-1331 FAX: (805) 933-1338
DCTAYLOR@HAYWARDBAKER.COM



Kiewit

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

Requests sub-bids from qualified California Department of General Services (DGS) certified Small Business Enterprises (SBE) and Micro Small Businesses, Subcontractors, Consultants, and/or Suppliers seeking to participate in the Santa Clara Valley Water District, Almaden Valley Pipeline Inspection and Rehabilitation Project in Santa Clara County, CA.

<http://www.pd.dgs.ca.gov>

Subcontractors and Suppliers for the following project:

**Almaden Valley Pipeline Inspection
and Rehabilitation Project**
Project No. 95084002
Contract No. C0631

Owner: Santa Clara Valley Water District
Bid Date: September 13, 2017 @ 2:00 P.M.

Small Business Enterprises and Micro (SBEs)

wanted for the following scopes, including, but not limited to: Aggregates, Concrete, Clear & Grub, Concrete Supply, Concrete Reinforcement Supply & Install, Concrete Forming & Accessories, Concrete Pumping, Precast Concrete, Demolition, Dewatering, Earthwork, Erosion Control, Fencing, Grouting, Metals, Photographic Documentation, Painting & Coatings, Piping & Valves, Quality Control, Shoring, Signage, Street Sweeping, Survey, SWPPP, Temp Facilities, Traffic Control, Trucking 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 DGS certified, SBE and Micro SB 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
September 8, 2017 and Quotes
NO LATER THAN September 12, 2017 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.asm> to register your company and to be able to receive bidding information, view plans and specifications.

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

Performance Bond and Payment Bonds may be required for subcontractors and a suppliers bond for suppliers.

Prevailing Wages apply.

An Equal Opportunity Employer
CA Lic. 433176
DIR # 100001147

With SBE you can:

FIND
Subcontractors, Vendors,
and Suppliers

REACH
Diverse Audiences

ADVERTISE
Sub-Bid Request Ad
Public Legal Notices
Job Listings

Contact us at 800-800-8534 or sbe@sbeinc.com



California Sub-Bid Request Ads

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
 kdonahue@pacificstates.net

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

**Sacramento Municipal Utility District (SMUD)
 RFP No: 170143-JM**

**Project: Station E Substation – Phase1B
 Waste Excavation and Rough Grading
 Bid Date: Thursday, October 5, 2017 at 4:00PM**

**Owner:
 Sacramento Municipal Utility District (SMUD)
 4401 Bradshaw Road,
 Sacramento, CA 95827**

We hereby encourage responsible Participation of Sacramento Local Business Enterprises (LBE) and solicit their subcontractor, materials and/or suppliers and trucking quotation for the following types of work including but not limited to:

Trucking, Survey, Hydroseed

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 an electronic version is free, transferred via file transfer protocol (FTP) Site.

PSEC is willing to breakout any portion of work to encourage Local Business participation (LBE) and solicit their subcontractor or materials and/or suppliers and trucking quotation as well as increase the expectations of meeting the SMUD SEED Program.

Looking for SMUD's SEED local small businesses, To qualify a business must be certified as a Small Business or Microbusiness by the state Department of General Services (DGS) and must be a SMUD ratepayer for the past six months at the DGS certification address of record. All subcontractors interested in sending a bid can contact Keith Donahue the estimator at kdonahue@pacificstates.net or fax bid to 925-803-4334

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.

We are an equal opportunity employer.



Gallagher & Burk, Inc.

344 High Street • Oakland, CA 94601
 Phone: (510) 261-0466 • FAX (510) 261-0478
 Estimator: Jim Yackley
 Website: www.gallagherandburk.com

Gallagher and Burk, Inc. is soliciting for L/SLBEs for the following project.

**CITYWIDE PAVEMENT REHABILITATION
 REBID PROJECT NO. C1003298
 L/SLBE GOAL: 50%**

**OWNER: CITY OF OAKLAND
 250 Frank H. Ogawa Plaza, Room #101,
 Oakland, CA 94612**

**BID DATE:
 SEPTEMBER 21ST, 2017 @ 2:00 P.M.**

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

Adjust Iron, Minor Concrete, Roadside Signs, Roadway Excavation, Slurry Seal, Striping, Survey/Staking, Traffic Control Systems, Trucking, Water Trucks, Street Sweeping, Class 2 Aggregate Base Material, Hot Mix Asphalt (Type A) Material, Hot Mix Asphalt (Type B) Material and 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%25gallagherburk.com:f7pa55wd@pub.gallagherburk.com> (if prompted the username is ftp@desilvagates.com and password is f7pa55wd) or from the Owner's ISupplier System free of charge at <http://www2.oaklandnet.com/Government/CP/s/ContractingPurchasingOpportunities/index.htm> or from CIPList.com <http://ciplist.com/plans/?Oakland/city/9392>.

Fax your bid to (510) 261-0478 to the attention of Estimator Jim Yackley. If you have questions for the Estimator, call at (510) 261-0466. 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 L/SLBE 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 (510) 261-0466, 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). GBI is willing to breakout portions of work to increase the expectation of meeting the L/SLBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a PREVAILING WAGE JOB. GBI is an equal opportunity employer.

DESILVA GATES

CONSTRUCTION

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

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

**FEATHER RIVER BOULEVARD REHAB
 PROJECT, Contract No. 2017-2244
 Federal No. STPL-5916(120),
 Disadvantaged Business Enterprise Goal
 Assigned is 8%**

**OWNER: COUNTY OF YUBA
 Office of the County Clerk,
 915 8th Street, Suite 107, Marysville, CA 95901
 BID DATE: SEPTEMBER 20, 2017 @ 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:

COLD PLANE, PAVING FABRIC, STRIPING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, TRUCKING, WATER TRUCKS, STREET SWEEPING, CLASS 2 AGGREGATE BASE 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.co.yuba.ca.us/Departments/Community%20Development/Public%20Works/pubbid_opens.aspx.

Fax your bid to (925) 803-4263 to the attention of Estimator Alan McKean. 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 employer.





California Sub-Bid Request Ads



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

Pavement Grinding, AC Paving, Stripe & Mark, Traffic Control, Aggregate, Pipe PVC, SWPPP, Schedule, Shoring, Bore & Jack, CCTV

Hi-Desert Water District Wastewater Reclamation Project Phase 1 Collection System Bid Package C

Located in Yucca Valley, San Bernardino County, California

Hi-Desert Water District

BID DATE October 10, 2017 @ 2:00 p.m.

Sub & Vendor Scopes and Bids Due Prior

Sukut Construction, LLC

4010 W. Chandler Avenue, Santa Ana, CA 92704

Contact: Robbie Zwick

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

Plans/specs are available for viewing at our office by appointment, by Sukut FTP, or from Owner's website at <https://atkins.box.com/s/mgqmr22xz2ge18jqhmi3w1qxsnuerrq>. Subcontractors must be prepared to furnish 100% performance and payment bonds and possess current insurance and workers' comp coverage. Sukut Construction will assist qualified subcontractors in obtaining bonds, insurance, and/or lines of credit. Subcontractors/Vendors will be required to sign Sukut's Standard Subcontract/Purchase Order. Copies are available for examination. Please contact 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 of 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

SHIMMICK CONSTRUCTION

8201 Edgewater Drive, Suite 202 • Oakland, CA 94621
Phone (510) 777-5000 • Fax (510) 777-5099

DBE & LBE Subcontractor/Supplier Bids Requested For:

San Francisco Public Utilities Commission

General Contractor: Sundt/Walsh, A Joint Venture

SEWPCP New Headworks Facility Scope 1 – Site Preparation

Contract No. WW-628-01

BID DATE: September 15, 2017 at 2:00PM

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

Requesting certified DBE & LBE Subcontractor and Supplier Quotes on:

Rebar, Structural Concrete, Structural Steel Pipe Supports, Yard Piping, Process Piping, Trench Excavation, Construction Testing

Contract Documents are subject to a non-disclosure agreement.

Please contact Jamie Helmick at jhelmick@shimmick.com for more information.

Bidders are hereby notified that work to be performed under this contract will be in full or in part financed by the Clean Water State Revolving Fund (SRF), administered by the United States Environmental Protection Agency (US EPA) and the State Water Resources Control Board (SWRCB). The Bidder shall comply with all applicable terms and conditions, special provisions, and reporting requirements, as set forth in these specifications, and as may be required by federal law, rule, or regulation. Refer to Contract Section 00 48 10.01 for more information.

Subcontractors and Suppliers interested in this project may contact Aron Oshio by email at aoshio@shimmick.com.

100% Performance and Payment bonds with a surety company subject to approval of Shimmick Construction Company, Inc. are required of subcontractors for this project. Shimmick Construction will pay bond premium up to 1.5%. Subcontractors will be required to abide by terms and conditions of the AGC Master Labor Agreements and to execute an agreement utilizing the latest SCCI Long Form Standard Subcontract incorporating prime contract terms and conditions, including payment provisions. Shimmick Construction's listing of a Subcontractor is not to be construed as an acceptance of all of the Subcontractor's conditions or exceptions included with the Subcontractor's price quote. Shimmick Construction requires that Subcontractors and Suppliers price quotes be provided at a reasonable time prior to the bid deadline to enable a complete evaluation. For assistance with bonding, insurance or lines of credit contact Scott Fairgrieve at (510) 777-5000.



Since 1924
General Engineering Contractor

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

REQUEST FOR DBE
SUBCONTRACTORS AND SUPPLIERS FOR:

Bret Harte Middle School

Synthetic Turf Field

Project No.: 16100

Oakland Unified School District

BID DATE:

September 20, 2017 @ 2:00 PM

We are soliciting quotes for (including but not limited to): Trucking, Concrete, Staking, Fencing, Utilities, Construction Materials

100% Performance & Payment Bonds may be required. Worker's Compensation Waiver of Subrogation required. Please call OCJ for assistance with bonding, insurance, necessary equipment, material and/or supplies. OCJ is willing to breakout any portion of work to encourage DVBE/LBE/SLBE Participation. Plans & Specs are available for viewing at our office.

Requesting For Certified LBE
Subcontractors & Suppliers for
The City and County of San Francisco
San Francisco International Airport
Central Plant Chillers No. 1 and No. 2 Replacement
Contract #8545.61

Bid Date: September 19, 2017 at 2:00 PM

Proposals requested for the following trades:

CN031: General Contracting

CN034: Electrical Contracting

CN009: Insulation

EQ129: Pipes, Valves and Fitting Supplies

Bid documents can be downloaded at:

<https://sfoconstruction.com/login?contractNumber=8545.61>

We will assist interested firms in obtaining bonds, lines of credit and/or insurance if necessary.

Mesa Energy Systems Inc.

14450 Doolittle Drive • San Leandro, CA 94577

Phone: 510-670-1690 • Fax: 510-670-1698

Contact: Mark Collins

An Equal Opportunity Employer

SMALL
BUSINESS
EXCHANGE



California Sub-Bid Request Ads

Small Business Exchange

The Sub-Bid Request Specialist

It's takes a sharp pencil and qualified, competitive sub-contractors, vendors, and suppliers to win the bid and achieve the diversity goals.

Look no further. We have them all in our database

Need construction contractors and suppliers familiar with public contracting, bondable, certified by cities, states and federal entities, and willing to work in one or many locations?

We have that, too.

Want to reach them by industry-specific codes (NAIC/SIC/UNSPSC)?

We can do that, too

The next time you're bidding project where time and accuracy are of the essence, call us.

We'll make it happen.

We are on the move to make your business better.

Call 1-800-800-8534



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

Aluminum Signs, Asphalt Paving, Biologist, CAS, Clear & Grub, Coldplane AC, Electrical, Erosion Control, Fencing, Landscaping/Irrigation, Rebar, RSP, Rumble Strip, Striping/Signage, Survey, Testing, Aggregate Base, Asphalt Concrete, Rock, Erosion Control BMPs, Backfill Sand, Concrete, CSP, K-Rail, PCMS, Rip Rap/Rock Slope Protection

**FOR CONSTRUCTION ON STATE HIGHWAY
IN SAN BERNARDINO COUNTY NEAR ADELANTO FROM
2.2 MILES NORTH OF KRAMER ROAD TO ROUTE 58
In District 08 On Route 395**

**Contract No. 08-0N9714
Federal-Aid Project ACHSNH-P395(267)E
DBE Goal 14%**

BID DATE October 5, 2017 @ 2:00 p.m.

Sub & Vendor Scopes and Bids Due Prior

Sukut Construction, LLC
4010 W. Chandler Avenue, Santa Ana, CA 92704
Contact: Matt Bahnsen

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's FTP site, or may be obtained from Owner. Subcontractors must be prepared to furnish 100% performance and payment bonds and possess current insurance and workers' comp coverage. Sukut Construction will assist Qualified Subcontractors in obtaining bonds, insurance, and/or lines of credit. Please contact Sukut for assistance in responding to this solicitation. Subcontractors/Vendors will be required to sign Sukut's Standard Subcontract/Purchase Order. Copies are available for examination.

Sukut Construction's listing of a Subcontractor in its bid to the agency is not to be construed as an acceptance of all of 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

Candlestick Point - in San Francisco
Opportunity to Design
the Yosemite Slough Bridge

Fivepoint is requesting qualified, interested firms to respond to a public request to Provide Design, Permitting, and Preconstruction Contractor Support for the Yosemite Slough Bridge Project

For more information, please visit:
<http://mission.sfgov.org/OCABidPublication/BidDetail.aspx?K=12306>

Successor to the San Francisco Redevelopment Agency (SFRA) has established the 50% Small Business Enterprise (SBE) Participation goal for construction firms.

Respondents are encouraged to check thiswebsite regularly for updates.

Pre-Bid Conference:
August 31, 2017 @ 10:00 AM
1 Sansome Street, Suite #3200
San Francisco, CA 94104

Proposals must be submitted by
September 26, 2017 @ 2:00 PM (PST).

We Need to Get Smarter About Rebuilding After Storms



A temporary levee built after Hurricane Katrina
(Andrea Booher/FEMA/ by CC)



Planners need to consider how the entire region can handle flooding and other extreme weather events. (Om, CC BY-NC-ND)

Continued from page 1

failures; they are institutional ones as well. They are failures in “knowledge systems,” or the ability to generate, communicate, and utilize knowledge within and across institutions.

For example, the levee failures during Hurricane Katrina are often interpreted as technical failures. They were, but we also knew the levees would fail in a storm as powerful as Katrina. And so the levee failures were also failures in institutional design—the information about the weakness of the levees was not utilized in part because the Hurricane Protection System was poorly funded and lacked the necessary institutional and political power to force action.

In the wake of Harvey, basic design and floodplain development parameters, like the 100-year flood, are being acknowledged as fundamentally flawed. Our ability to design more resilient infrastructure will depend on our ability to design more effective institutions to manage these complex problems, learn from failures, and adapt.

Resilience and uncertainty

Design for climate change. When it comes to infrastructure’s ability to handle more extreme events that are predicted to come with climate change, the primary problem is not bad engineering or faulty technical designs. Instead, it’s that infrastructure is typically sized based on the intensity and frequency of historical events. Yet these historical conditions are now routinely exceeded: since 1979, Houston alone has experienced three 500-year storms.

Climate change will make preparing for future storms much harder. These events are not just associated with precipitation and inland flooding but include more extreme heat, cold, drought, wildfires, coastal flooding, and wind. Buildings, roads, water networks, and other infrastructure

last decades and designing for historical events may result in more frequent failure as events become more frequent or intense with climate change. Infrastructure designers and managers must shift from risk-based to resilience-based thinking, so that our systems can better withstand and bounce back from these extreme events.

Manage infrastructure as interconnected and interdependent. In his 1987 essay, “Atchafalaya,” writer John McPhee explores efforts by the U.S. Army Corps of Engineers to control the Atchafalaya and Mississippi River systems. He brilliantly showed that rather than bringing predictability to a complex and meandering riverine system, the Old River Control system created unpredictability. “It’s a mixture of hydrologic events and human events... This is planned chaos... Nobody knows where it’s going to end.”

While floodplain management has made advances since then, the impact of development and infrastructure design is still often considered on a piecemeal basis. As Montgomery County engineer Mark Mooney noted in a recent Houston Chronicle article, “I can show you on any individual project how runoff has been properly mitigated. Having said that, when you see the increase in impervious surfaces that we have, it’s clear the way water moves through our county has changed. It’s all part of a massive puzzle everyone is trying to sort out.”

Infrastructure planning and design must consider the legacy of past decisions and how risks build up over time as ecological, technological, and human systems interact in increasingly uncertain and complex ways.

Infrastructure and equity

Create flexible infrastructure. Given that our infrastructures are centralized and satisfy demands that don’t change rapidly (we use water and elec-

tricity much in the way we did over the past century), they tend to be inflexible. Yet we need our urban systems and the infrastructure that supports them to be resilient. And flexibility is a necessary precondition for resilience.

Current designs favor robustness and redundancy. This infrastructure tends to be difficult to change and the managing institutions are often structured and constrained in ways that create barriers to flexibility. Consider the difference in flexibility of landline versus mobile phones, in terms of both use and changing the hardware. Similarly, new strategies are needed to incorporate flexibility into our infrastructure. In the case of hurricanes, roadways with smart signaling and controls that dynamically adjust stoplights and reverse lanes to allow vehicles to evacuate quickly would be of significant value.

Design infrastructure for everyone. Large disasters almost always highlight systemic social inequalities in our communities, as we saw in the 1995 Chicago heat wave, Hurricane Katrina, and now Hurricane Harvey.

Yet as cities rebuild and other cities watch to glean lessons, we consistently sidestep the historical legacies, public policies, and political-economic structures that continue to make low-income and minority populations, such as homeless people, more vulnerable to extreme weather events. For this to change, infrastructure must be designed with the most-vulnerable in mind first.

Too often the services delivered by climate-resilient infrastructure are first built for the communities that have the economic and political power to demand them, resulting in what some have called ecological gentrification. Policymakers and planners must engage diverse communities and ensure that infrastructure services are designed for everyone—and communities need to demand it.

SOURCE: www.citylab.com