

Is the Surveying Industry Ready to Collaborate on Big Data?

Construction industry is largely dependent on surveying, but the culture of sharing data does not exist in the industry

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

By *Nimish Gupta,*

Surveying is an important aspect of the construction industry, required in the planning and execution of most forms of construction. Conventionally, surveying has been considered as being a field of individual brilliance. Although surveyors have been very good at collecting data, a culture of sharing it has not existed.

A surveyor has always worked on his own data, either gathered through various resources or his own intrinsic sources from a project on which he has based his calculations. This has resulted in singular data resting with individuals. For this reason, whenever an individual moves on, organizations lose access to data resting with him.

Lack of collective data in an organization has so far affected its ability to take cognizant decisions, which has now changed due to the advent of technology.

The surveying profession has been slow to adopt technology. However, times have changed, and surveyors are now adept at using technology and rely on data for project completion. This has led to a decrease in the manual work which a surveyor undertakes, for instance to take measurements.

Given the fact that we need to give better predictions to accurately reflect a project's success parameters, data needs to play a bigger role. With Real Estate Regulation and Development Act (RERA) also emphasising the need of a common open platform, it is very important that surveyors align with the big data philosophy. Data and analytics are the 'next industry standard'.

Construction technologies like Building Information Modelling (BIM) focus on data by storing and sharing the information needed on a project to ensure the right tendering process with the accurate amount and type of material is used for design, agreed and accepted by the parties involved. The continuing adoption of BIM has shifted the industry from being document-centric to be data-centric. It has become crucial to collate and compare data to extract timely and valuable business insights from it.



Today, looking at the complex nature of projects being executed faster than they were before with the help of technology, there is immense importance of data analysis for the purpose of creating an effective project management plan. Whether it is prediction of cost or time, every project plan has a huge amount of inherent data. What is essentially required is to use that data to create some robust predictive mechanisms for projects to derive the benefits of cost, time and quality.

The use of predictive data analytics is set to play a significant role in the sector. The ability to make decisions, based on proven historical data, indicates a paradigm shift in the nature of the business. Data enhances experience and expertise, provides transparent and streamlined information, and drives efficient work processes across a construction organization. Analyzing data available through sensors on materials and equipment to digitally track how workers interact with the site can enable companies to improve worker productivity. Examining data can show if employees are walking across the site several times in a day to obtain specific tools or materials. If confirmed, this can be changed to correct the placement of equipment, vehicles, or materials. Although such

gains may seem minimal, but when repeated on a larger scale and over the life of a project, they can provide valuable efficiency improvements and significant cost savings.

Data is already being used by the construction industry in the design-build-operate life cycle and progressively defines today's construction projects. It is used to establish not only what to build but where to build it. Risks in construction are averted by putting data to use in comparing precedents and gauging probabilities to ensure success of new projects. It improves logistics and downtime on site. Data also aids in the optimal phasing of a project by ensuring effective usage of fuel which leads to lower costs, energy conservation and ecological impact.

The use of data technology when combined with modelling and estimating tools can provide customized building designs. Buyers can view designs, make changes, and calculate real time costs. Every facet of the design tied to a cost estimate, helps give the company and the buyer a unique approach to a project. Data when coupled with Augmented Reality (AR), can enable a surveyor,



California Sub-Bid Request Ads

SUKUT CONSTRUCTION

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

SUBS/SERVICE PROVIDERS

Traffic Control, Striping, MBGR, Fence and Gates, Erosion Control, SWPPP, Hydroseeding, and Plane Asphalt Concrete

SUPPLIERS

Concrete, Erosion Control, Aggregates, Asphalt, Pipe, Signage, Fence Material, Form Material, and Rebar

**FOR CONSTRUCTION ON STATE HIGHWAY IN
STANISLAUS COUNTY IN AND NEAR MODESTO
AT VARIOUS LOCATIONS FROM SOUTH MODESTO
UNDERCROSSING TO WOODLAND AVENUE OVERCROSSING**

In District 10 On Route 99

Contract No. 10-0X6704 • Federal-Aid Project ACNH-P099(655)E

DBE GOAL 18%

BID DATE: JULY 15th, 2020 at 2:00 p.m.

All Quotes Due Prior

Sukut Construction, LLC

4010 W. Chandler Avenue, Santa Ana, CA 92704

Contact: Gabe Thompson

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

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

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

Sukut Construction, LLC
An Equal Opportunity Employer

NBC Construction & Engineering INC.

as a "GENERAL CONTRACTOR" is requesting proposal on "ALL TRADES" from all subcontractors & suppliers, including DVBE, LBE, DBE, SBE, MBE, WBE firms for the following project:

ANDREW HILL HIGH SCHOOL DW

INFRASTRUCTURE ADA WALKWAY

BID NO. B-18-19-20

BID DATE & TIME: 7/8/2020 @2:00PM

PROJECT LOCATION: ANDREW HILL HIGH SCHOOL

3200 Senter Road, San Jose, CA 95111

Owner: East Side Union High School District

NBC Construction & Engineering Inc.

850 South Van Ness Avenue

San Francisco, CA 94110

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

All Bidders are hereby notified that the District has a Labor Compliance Program (LCP) -Prevailing Wages in effect on this Project and all contractors and subcontractors bidding this project will be required to comply with the LCP. In addition, All the Certified Payrolls (CPR) must be reported through Elation System and DIR website. Bidder is responsible for all shipping and handling fees. Documents and plans are available for review by downloading from the District's website, <http://thebond.esuhsd.org/contractorsbidders/capital-purchasing/current-rfq-rfp-bids/>, using the Capital Planning and Development link. Or contact us.

**Please Submit & Fax all proposals
to 800-622-9144**

For more information,

Please call Mike Schalchi at (925)-322-7473

CAHILL CONTRACTORS LLC & NIBBI
request bids from Certified SBE
Subcontractors and Suppliers for the following
SELECT TRADES ONLY:

Exterior Building Maintenance (Design-Build) /
Fire Sprinkler (Design-Build) / Solar Photovoltaic
(Design-Build) / Elevators (Design-Assist)

**HUNTERS VIEW BLOCKS 14 & 17 -
EARLY TRADES**

Middle Point Road, San Francisco CA

This is an OCII project with construction work-
force and prevailing wage requirements.

BID DATE: 7/10/20 @ 2 PM

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

CONTACT:

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



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Contact Info:

795 Folsom Street, 1st Flr, Room 1124

San Francisco, CA 94107

Email: sbe@sbeinc.com

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

Fax: (415) 778-6255

Publisher of

Small Business Exchange
weekly newspaper



California Sub-Bid Request Ads



CAL LIC. NO. 723241
 11555 Dublin Boulevard
 Dublin, CA 94568-2909
 Phone: (925) 803-4333 • FAX: (925) 803-4334
 ESTIMATOR: Christopher Pieri

EMAIL: cpieri@pacificstates.net

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

PROJECT:

900 INNES REMEDIATION PROJECT
 Contract No. 1000016646

OWNER:

CITY AND COUNTY OF SAN FRANCISCO
 1155 Market Street, 4th Floor
 San Francisco, CA 94103

BID DATE: July 15, 2020 at 2:30pm

We hereby encourage responsible participation of certified (DBE) Disadvantaged Business Enterprises and (SBE) Small Business Enterprise and solicit their subcontractor or materials and/or suppliers quotation for the following types of work including but not limited to:

TRUCKING, DEMOLITION, SURVEY, ABATEMENT AND OFFSHORE WORK

Plans and specifications may be reviewed at our office located at 11555 Dublin Boulevard, Dublin, CA or at your local Builders Exchange, or reviewed and downloaded from the City & County of San Francisco Department of Public Works Site: https://stgint.sfdpw.org/_Layouts/DPWPORTAL/Construction.aspx?ID=2217

Fax your bid to (925) 803-4334 to the attention of Estimator Christopher Pieri or email cpieri@pacificstates.net. If you have questions for the Estimator, call at (925) 361-1617. 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 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) 361-1617, 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). PSEC is willing to breakout portions of work to increase the expectation of meeting the SBE/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. PSEC is an Equal Opportunity/Affirmative Action Employer.



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

SUBS/SERVICE PROVIDERS

SWPPP, Erosion Control, Traffic Control, Signage, Striping, and Rebar

SUPPLIERS

Concrete

FOR CONSTRUCTION ON STATE HIGHWAY IN INYO COUNTY NEAR SHOSHONE AT 0.5 MILE EAST OF SOUTH JUNCTION ROUTE 178

In District 09 On Route 178

Contract No. 09-363404

DVBE GOAL 3%

BID DATE: July 8, 2020 at 2:00 p.m.

All Quotes Due Prior

Sukut Construction, LLC

4010 W. Chandler Avenue, Santa Ana, CA 92704

Contact: Rick Welshiemer

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

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

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

Sukut Construction, LLC

An Equal Opportunity Employer

NBC Construction & Engineering INC.

as a "GENERAL CONTRACTOR" is requesting proposal on "ALL TRADES" from all subcontractors & suppliers, including DVBE, LBE, DBE, SBE, MBE, WBE firms for the following project:

INTERIOR LIGHTING UPGRADE AT BROOKVALE ES & UNDER CABINET LIGHTING AT COIL
 BID NO. 341-07-02-20

BID DATE & TIME: 7/2/2020 @2:00PM

PROJECT LOCATION:

Brookvale ES
 3400 Nicolet Ave. Fremont, CA 94536

Owner: FREMONT UNIFIED SCHOOL DISTRICT
NBC Construction & Engineering Inc.

850 South Van Ness Avenue
 San Francisco, CA 94110

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

All Bidders are hereby notified that the District has a Labor Compliance Program (LCP) -Prevailing Wages in effect on this Project and all contractors and subcontractors bidding this project will be required to comply with the LCP. In addition, All the Certified Payrolls (CPR) must be reported through Elation System and DIR website. Bidder is responsible for all shipping and handling fees. Documents and plans are available for viewing on the District website at www.fremont.k12.ca.us/bids. Or contact us.

Please Submit & Fax all proposals to 800-622-9144

For more information, Please call Mike Schalchi at (925)-322-7473

NBC Construction & Engineering INC.

as a "GENERAL CONTRACTOR" is requesting proposal on "ALL TRADES" from all subcontractors & suppliers, including DVBE, LBE, DBE, SBE, MBE, WBE firms for the following project:

ANDREW HILL HIGH SCHOOL DW INFRASTRUCTURE ADA WALKWAY
 BID NO. B-18-19-20

BID DATE & TIME: 7/8/2020 @2:00PM

PROJECT LOCATION:

ANDREW HILL HIGH SCHOOL
 3200 Senter Road, San Jose, CA 95111

Owner: East Side Union High School District
NBC Construction & Engineering Inc.

850 South Van Ness Avenue
 San Francisco, CA 94110

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

All Bidders are hereby notified that the District has a Labor Compliance Program (LCP) -Prevailing Wages in effect on this Project and all contractors and subcontractors bidding this project will be required to comply with the LCP. In addition, All the Certified Payrolls (CPR) must be reported through Elation System and DIR website. Bidder is responsible for all shipping and handling fees. Documents and plans are available for review by downloading from the District's website, <http://thebond.esuhd.org/contractorsbidders/capital-purchasing/current-rfq-rfp-bids/>, using the Capital Planning and Development link. Or contact us.

Please Submit & Fax all proposals to 800-622-9144

For more information, Please call Mike Schalchi at (925)-322-7473





California Sub-Bid Request Ads

DESILVA GATES CONSTRUCTION

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

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

**9549 - OBAG2 (SOUTH) SAN JOSE PAVEMENT
MAINTENANCE PROJECT**
Disadvantaged Business Enterprise Goal
Assigned is 11%

OWNER:

CITY OF SAN JOSE -
1404 MAYBURY ROAD, SAN JOSE, CA 95133

Bid Date: JULY 2nd, 2020 @ 3:00 P.M.

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

ADJUST IRON, COLD PLANE, COLD IN-PLACE RECYCLING, LEAD COMPLIANCE PLAN, MINOR CONCRETE, FOG SEAL SUPPLIER, STRIPING, SWPPP/WATER POLLUTION CONTROL PLAN PREPARATION, TRUCKING, WATER TRUCKS, STREET SWEEPING, HOT MIX ASPHALT (TYPE A) 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%25desilvagates.com:f7pa55wd@pub.desilvagates.com> (if prompted the username is [ftp@desilvagates.com](ftp://ftp%25desilvagates.com) and password is [f7pa55wd](ftp://ftp%25desilvagates.com)) or from the Owner's site, Biddingo. You must register with Biddingo to participate in this procurement. To register go online to <https://www.biddingo.com/sanjose>.

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

If you need DBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (925) 829-9220, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center (www.transportation.gov/osdbu/SBTRCs). DGC is willing to breakout portions of work to increase the expectation of meeting the DBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a PREVAILING WAGE JOB. DGC is an Equal Opportunity/Affirmative Action Employer.

MCCARTHY

3721 Douglas Blvd., #180 Roseville, CA 95661
Phone: 916-786-3833 Fax: 916-786-3234

INVITATION TO BID

Roseville Joint Union High School District West Park High School
McCarthy Building Companies, Inc. is requesting quotes from all certified DVBE subcontractors

Bids will be accepted on or before July 13, 2020 at 12:00 PM (PDT)

- Via "Building Connected" - email Serge Karageorgiou (SKarageorgiou@mccarthy.com) for access to the project
- by email to Serge Karageorgiou (SKarageorgiou@mccarthy.com)
- or Delivered to McCarthy Building Companies, 3721 Douglas Blvd., #180 Roseville, CA 95661

Pre-Bid RFI Deadline: July 1, 2020 at 12:00 PM (PDT).

Submit RFIs via Building Connected or email (SKarageorgiou@mccarthy.com)

Project Location: Roseville, CA 95747

Project Description: Construct the West Park High School - Phase 2 - Increment 1, including but not limited to: two new classroom buildings (Buildings "F" and "S", electrical enclosure, student parking lot, fire lane, associated utilities, landscape, hardscape, etc.).

Client's Reprographer: ARC Northern California Planwell: https://order.e-arc.com/arcEOC/PWELL_Main.asp?mem=23

Public Contract Code Section 20111.6

Prequalification in compliance with Public Contract Code section 20111.6 is required for this Project. Therefore, the LLB (lease-leaseback) Entity and its mechanical, electrical and plumbing ("MEP") subcontractors (as defined by Public Contract Code section 20111.6(k)) must be prequalified prior to the LBB Entity submitting its Proposal. MEP subcontractors subject to these requirements are those with any of the following license classifications: C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43 and C-46. Proposal will not be accepted from any Respondent to this RFP who has not complied with these requirements. The District's prequalification application is available on the Internet at www.rjuhsd.com/domain/16 or can be obtained at the Facilities Development Department. **The prequalification application deadline is June 30, 2020.**

Public Works Registration Requirement

Notice is hereby given that this project is a public works project within the requirements of Division 2, Part 7, Chapter 1 of the California Labor Code, and that the LLB Entity and its subcontractors are required to be registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 at the time of bidding. The LLB Entity and its subcontractors, truckers, and any suppliers and/or vendors subject to California's prevailing wage laws must be registered with the Department of Industrial Relations prior to the due date for Proposals on this RFP.

Education Code Section 17407.5; Public Contract Code Sections 2600 et seq.

Compliance with Education Code section 17407.5 and Public Contract Code sections 2600 et seq. is required by ever trade and specialty contractor for this Project.

All subcontractors working on the project will be required to submit a monthly report for its own workforce and all sub-tier subcontractors demonstrating to the Roseville Joint Union High School District that it is in compliance with these requirements. Failure to submit a monthly report is grounds for termination.

If the subcontractor provides an incomplete report, or the report does not demonstrate compliance with the skilled and trained workforce requirements, then the District shall withhold 150% of the value of the work. The LLB Entity shall then withhold this same amount from the subcontractor until such time the issues are rectified and payment has been received from the District.

DVBE Participation

The project has a goal of at least three percent (3%) DVBE participation in accordance with Education Code section 17076.10.

Subcontractor who are DVBE or have tier subcontractors, vendors, or suppliers who are DVBE should include with its proposal a copy of the DVBE Certification letter from the Department of General Services.

For those proposals where DVBE participation is an additional cost, the percentage and value shall be listed as an alternate to the base bid proposal.

15 Exciting Initiatives that Accelerate Women in Construction

[Article was originally posted on blog.plangrid.com]

By Grace Ellis,

Resources Providing General Industry Support for Women in Construction

1. National Association of Women in Construction (NAWIC)

Founded in 1953 in Fort Worth, Texas, the National Association of Women in Construction (or NAWIC) has been one of the most influential and most extensive resources for women in construction for more than 60 years. The organization now holds a large annual conference, supports scholarships and supports programs for promising women in building. It has several chapters across the country, making it accessible to a wide range of workers.

2. Women in Construction Summit

If shattering the glass ceiling is on your personal bucket list, or a goal for your company or workers, the Women in Construction Summit is a shoo-in event. It's London's premier event for women in construction, a day designed as a platform for leaders and aspiring professionals. With a variety of speakers sharing personal stories and industry insights, it's one of the most empowering resources for women in construction.

3. Professional Women in Construction (PWC)

For nearly 40 years, Professional Women in Construction has sought to bolster women in their pursuit of careers in what has mostly been a man's world. To that end, PWC takes as its "mission is to support, advance, and connect women and promote diversity within the architecture, engineering, construction, (AEC) and related industries." Founded in 1980, the organization has chapters in major metro areas across throughout the Eastern U.S. including New York, Boston, Connecticut, New Jersey, Philadelphia, Washington, D.C. To-

day, it's one of the most far-reaching resources for women in construction.

Resources Fostering Female Leaders in Construction

4. Women Construction Owners & Executives (WCOE)

WCOE seeks to do more than help women working in construction; it wants to put the reins in their hands. The goal of this organization is to create leadership opportunities for women in owner and executive roles, influence legislation governing their roles and bolster female-owned companies.

5. Groundbreaking Women in Construction

Put on by ENR and designed for current and future female leaders in construction, Groundbreaking Women in Construction (GWIC) is a fantastic resource for women in construction. It's more than just a conference, according to its website. It is a true agent for change, offering inspiration, influence and career growth potential. Today, "GWIC has grown into one of the construction industry's premier leadership and talent management events for industry members."

Resources Supporting Women in the Trades

6. TD Industries Women in the Trades Program

Recently, the large national subcontractor, TD Industries, partnered with United Way THRIVE to pilot a program, which helped train women to become sheet metal technicians. These women come from all walks of life but now look forward to thriving and financially freeing careers as construction workers. Interested in learning more?

7. Women in Construction Operations (WIOPS)

"In 2013, a group of outstanding women from Southern California construction companies and related fields joined together to start a group

geared towards mentoring women working in the operation side of construction," explains Women in Construction Operations (WIOPS). Today, they offer resources for women in construction ranging from general contractors, subcontractors, engineers and architects, owner's reps and construction management personnel.

8. Sheet Metal & Air Conditioning Contractors' National Association (SMACNA) – Women in Construction Leadership Council

When it comes to resources for women in construction, the Sheet Metal & Air Conditioning Contractors' National Association or SMACNA offers a powerful one. This large association has been influential in supporting women in the trades. Their women's council puts on large national events and participates in conferences and sessions, helping current and future workers navigate the construction industry and advance their careers more effectively.

9. Women in NECA – National Electrical Contractors Association

As their website explains, "Women In NECA was established to provide a collaborative forum for women affiliated with NECA-member companies, chapters and LMCCs." The goal of this initiative is to enhance professional development for women, promote diversity (both by encouraging women in their work, as well as encouraging women of all backgrounds), and inform future professionals about possible job opportunities in the industry.

10. Women in Skilled Trades (WIST)

Women-founded, women-owned and women-oriented, WIST is one of the most powerful resources for women in construction. Helmed by Tori Menold from SiteAware and Carol Cool from Infrastructure and Planning Services at Michigan

■ Continued on page 6

Is the Surveying Industry Ready to Collaborate on Big Data?

■ Continued from page 1

architect, or engineer to make real-time variations part of preconstruction. This not only helps the customer get a complete walkthrough of the project, but automatically updates the associated cost structure in case changes are incorporated.

The surveying industry is ready to collaborate on data because it has realized its importance. Traditional companies have changed their business

model to effectively utilize data. New players have created business models to derive benefit from it. They all understand the importance and relevance of data. Initially, organizations might have treated data as confidential but at present they appreciate that unless they contribute to the data bank the data analysis cannot be accurate and complete. Data as we interpret it—constantly developing in real time, and in massive quantities—can only accomplish its true potential if

it is shared, accelerating collaboration and fluid decision making between organizations and businesses in the sector. Organizations which fail to pay heed to 'Data' will sink, only data driven organizations will be future ready.

SOURCE:

www.entrepreneur.com/article/343527



California Sub-Bid Request Ads

Request For Certified/ Self-Certified Small Business Subcontractors & Suppliers
From all SBA, WBE, VOSB, SDVOSB & HubZone Subcontractors/Sub-Consultants/ Vendors registered as a SBA business for:

Project Name: Repair Earthquake Damage BERM Repairs at Saltwells, Multiple Facilities
Owner: NAVFAC Southwest

Reyes Construction is requesting bids in the areas described, but not limited to: Temporary Fence, Demolition, Gunite, Fire Sprinklers, Paint Contractor, Acoustic Ceiling, Epoxy Injection, Trucking, Biologist, QC Testing, BMP and Light Diffusers

Quotes Requested by: July 1st 2020 at 2pm

REYES CONSTRUCTION, INC.

State License Number 507561

1383 South Signal Drive, Pomona, CA 91766

Phone: 909-622-2259 • Fax: 909-622-3053

Contact: Brenda Martinez Mon-Fri 7:00 A.M - 4:00 P.M

Assistance will be available in obtaining bonds, lines of credit, Insurance, necessary equipment, supplies, materials or related technical assistance.

Plans, Specifications, and Contract requirements can be viewed online at no additional cost:

- 1) Via iSqFt - please send an email request to estimating@reyesconstruction.com
- 2) Sharefile- please send an email request to estimating@reyesconstruction.com

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SMALL **BUSINESS** EXCHANGE

15 Exciting Initiatives that Accelerate Women in Construction

Continued from page 5

State University, this Michigan-based program serves single moms who'd like to join a trade. With educational events, apprenticeship preparation programs and more, it's an incredible opportunity for women who haven't yet had many.

11. Chicago Women in the Trades (CWIT)

A regional provider of resources for women in construction, CWIT was founded in 1981 and is on a mission to see that all women succeed in the industry. Prioritizing equal access to education, information and jobs, they run unique programs such as the Technical Opportunities Program and Women in Welding Program, as well as provides leadership development and technical assistance.

12. Women in Solar Program

Solar jobs are gaining importance and popularity in the construction industry, and the rising opportunity goes hand in hand. Of the top 13 careers in construction, solar photovoltaic installers sits near the top of the list. The Woman in Solar Program capitalizes on this with their National Women in Solar Initiative, born in 2014. Their goals: to increase gender diversity, offer professional development opportunities and connect women workers and leaders across the solar industry.

Inspiring the Future Generations of Female Workers

13. NAWIC Summer Camp

Not all resources for women in construction need start at the career level. The National Association of Women in Construction (NAWIC) summer camp believes it's never too early to draw young girls into the construction trade. Each year, the San Diego chapter hosts a camp for two dozen high school girls, where participants get to learn more about the trades and work on a real construction project. Even better, "Participants who have gone through at least two years of camp can apply to be the project superintendent and receive a \$500 stipend at the end of camp."

14. Build Like a Girl

Individual companies can make a huge difference in supporting women in construction. Take Miron Construction, which hosts a free annual event for women in the 7th-10th grades. With a full day of hands-on construction experience and learning, as well as detailed information about industry opportunity, the event seeks to inspire young girls in time to steer them toward the field.

15. Tools and Tiaras

Even the very youngest girls deserve exposure to this unique, challenging and growing field of construction. A nonprofit organization that encourages young women in the Mechanical, Industrial, Technical, Trades (MITT) industries, "Tools and

Tiaras Inc is committed to advancing the interest of young girls and women who want to pursue non-traditional careers." The organization connects community members in providing information, mentorship and opportunities to these young women. By "providing the support needed at all stages of their journey," they offer girls a chance to transform their later lives and careers.

The Takeaway: We Need More Women in Construction Today!

"We need women" is more than an empty-minded, gender-equal rallying cry. Science is unequivocal that women offer major benefits to companies that seek them out. According to Scientific American, for instance, "Male brains have more connections within hemispheres to optimize motor skills, whereas female brains are more connected between hemispheres to combine analytical and intuitive thinking."

We need more balanced jobsites. With a shortage of skilled labor and more data than ever before to slice, dice and splice, we require both the brains and brawn that more women in construction can offer. Luckily, there are plenty of opportunities to get involved, but it's up to companies and individuals to take them.

SOURCE: <https://blog.plangrid.com/2019/03/resources-for-women-in-construction/>