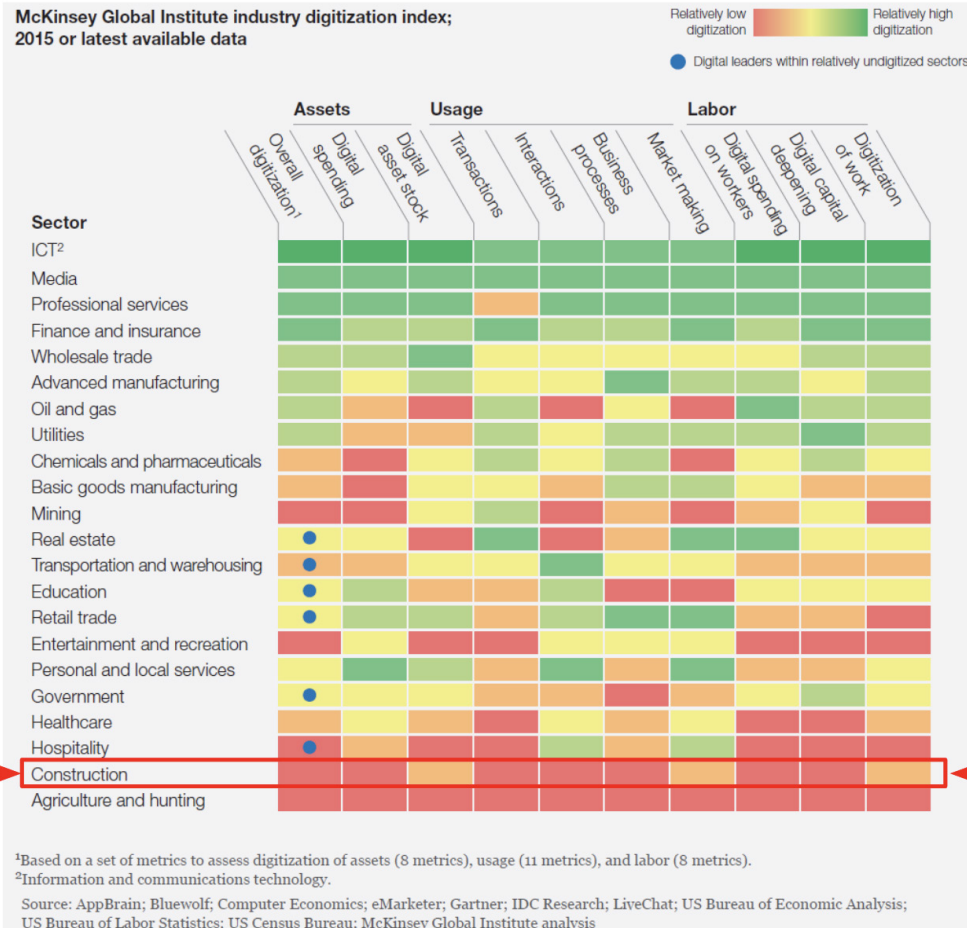


What's causing construction's productivity problem?



struction-related goods and services every year. It accounts for 13% of the world's global domestic product and is expected to grow to 15% by 2020. Yet somehow, construction remains one of the least digitized industry in the world.

According to a survey by AGC/FMI, 58% of respondents expect to see more change in the built environment within the next five years than there has been in the last 50 years. Understanding that digital transformation can result in productivity gains of 14 to 15 percent and cost reductions of 4 to 6 percent, the top construction companies are now realizing the need to fully digitize their operations.

Improving productivity begins with preconstruction

Amidst these problems, construction often suffers from poor preconstruction planning. Think about the pitfalls that can happen during a preconstruction phase gone rogue or neglected. Preconstruction makes or breaks a project, and a fragmented, paper-pushing process steals money from your bottom line. On the other hand, a digitized and collaborative preconstruction process has a cascading effect that sets the rest of a project up for success.

With digitized workflows in preconstruction, you can more easily gather critical project data, allowing every partner on a project to work together to more successfully predict outcomes and automate workflows. This offers construction professionals the benefits of improving the bid management process, saving construction costs with accurate quantification, and improving how information is leveraged between preconstruction and the construction site.

Embracing the industry's digital future

Construction methods like design-build and lean construction — practices that require a high level of communication and collaboration among project partners — have already been proven to increase efficiency and productivity. Companies also rely on technology like building information modeling (BIM) and project management software to bolster productivity on the job site.

The only question remains: is your team ready to invest in preconstruction's digital, collaborative future?

SOURCE: <https://blog.buildingconnected.com/digitized-preconstruction-the-solution-to-the-industrys-productivity-problem/>

[Article was originally posted on <https://blog.buildingconnected.com>]

By McKenzie Gregory,

Did you know that over the past 20 years, global construction productivity has only grown 1% a year? Though construction is one of the largest industries in the world, the sector's productivity continues to lag far behind similar industries like manufacturing (3.6%) and the economic average (2.8%).

If construction-sector productivity were to catch up with even the economic average, it would boost the industry's value by an estimated \$1.6 trillion, adding about 2% to the global economy. With such high stakes, we all have a vested interest in determining ways to become more productive. But what's actually causing the construction industry's productivity problem?

A lack of collaboration

Construction is one of the most collaborative industries in the world, often requiring the cooperation of hundreds of companies to successfully complete a project. But during preconstruction, information often remains siloed (trapped in binders, spreadsheets, whiteboards, or email), which means information sharing gets delayed or doesn't happen at all.

This disconnect means project partners operate based on different versions of reality, using whatever data they happen to have access to—regardless of whether it's incomplete, inaccurate, or both. It also primes teams for missing deadlines and making errors, decreasing overall productivity.

A lack of digitization

The construction sector is one of the largest in the world, with about \$10 trillion spent on con-



California Sub-Bid Request Ads



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

Subs

Striping & Signage, Demolition, Asphalt Paving, Clear & Grub, CIDH, Biologist, SWPPP Prep, Erosion Control, Landscape, Reinforcing Steel, AC Dike, Cured In Place Pipe, Rumble Strips, Monument Sign, Bridge, Abandon Culverts, Guardrail, Asphalt Grinding, Construction Area Signs, Fencing, Electrical, Minor Concrete, Minor Concrete Structures, Sign Structures, Underground Work, Trucking, Water Trucks, Sweeping

Suppliers

CSP & RCP, HMA Material, RHMA Material, Tack Coat Material, Concrete, Aggregate, Misc. Metals, Traffic Control Materials, Erosion Control Materials,

FOR CONSTRUCTION ON STATE HIGHWAY IN YUBA COUNTY FROM MARYSVILLE ROAD TO THE YUBA RIVER BRIDGE

In District 03 On Route 20

Contract No. 03-0A5704 Federal-Aid Project ACNH- P020 (191)E

DBE Goal 13%

BID DATE November 20, 2019 @ 2:00 p.m.

All Quotes Due Prior to Bid Date

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, via 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

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

PROJECT NO. P2-122

HEADWORKS MODIFICATIONS AT PLANT 2
FOR GWRS FINAL EXPANSION

Owner: Orange County Sanitation District (OCS D)

Location: Huntington Beach, CA

Bid Date: December 17, 2019 @ 11:00 A.M.

J.F. Shea Construction, Inc.

667 Brea Canyon Road, Suite 30 • Walnut, CA 91789

Phone: (909) 595-4397, Fax: (909) 444-4268

Contact: Lori Olivas, lori.olivas@jfshea.com

J.F. Shea Construction, Inc. is soliciting your participation in the preparation of this bid. We are particularly interested in bids from subcontractors/suppliers for the following work items:

Demolition, Controlled Low Strength Material, AC Paving, Ready-Mix Concrete, Reinforcing Steel, Miscellaneous Metals, FRP Fabrications, Sealants, Painting & Coatings, ID Devices, Equipment, Pre-Engineered Canopy, HVAC, Electrical and Instrumentation

Plans and Specifications: You may obtain a free download through OCS D's Vendor Portal at <http://www.planetbids.com/portal/portal.cfm?CompanyID=14058#>. Plans may also be viewed at the Dodge Plan Rooms or at our Walnut Office.

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

Request for Quotes from Certified DBE
Subcontractors and Suppliers

**Project: I-15 Temecula, 0.1 Mile South of
San Diego County Line to 0.1 Mile North of
Temecula River Bridge**

Contract No. 08-1F1414

**Owner: Department of Transportation
(CALTRANS)**

BID SUBMITTAL DATE:

December 12, 2019 at 2:00 PM

Federal-Aid Project ACIM-015-4(208) E

Request for quotes from Certified DBE's Subcontractors and Suppliers for the following, but not limited to scopes of work: AC Dike, Aggregate Supply, Asphalt Paving, Biologist, Bridge Demo, Clear and Grub, Cold Plane AC, Concrete Barrier, Concrete Supply, Construction Area Signs, Drill and Bond Dowel, Electrical, Erosion Control, Fencing, Grind Existing Pavement, Guardrail, Minor Concrete, Miscellaneous Iron & Steel, Pipe Supply, Precast Concrete Panel Supply, PCC Supply, Railing, Ready Mix Concrete, Reinforcing Steel, Roadside Signs, Saw and Seal PCC, Striping.

PLEASE SUBMIT QUOTES BY FAX TO (760) 471-4860 OR EMAIL TO SoCalBids@FlatironCorp.com

Plans and specifications are available, at no cost from Caltrans website: <http://ppmoe.dot.ca.gov/des/oe/weekly-ads/speccs-ntb.php?c=08-1F1414> (Registration Required). Additionally, plans and specifications are available at Flatiron's San Diego, CA and Chino Hills, CA offices. Please call to make an appointment to view plans and specifications.

This project has a 18% DBE Goal. In addition to request for participation from Certified DBE subcontractors and suppliers, Flatiron requests non-DBE subcontractors to provide lower-tier DBE subcontractor and/or supplier participation. Bidders are required to indicate lower-tier DBE participation, as it will be evaluated as part of their quote.

Flatiron analyzes and considers each DBE quote, including those that are broken down into economically feasible units to facilitate bidding. Assistance in obtaining bonding, lines of credit, insurance, equipment, supplies and materials is available upon request. Additionally, please contact us if you require technical assistance.

Quotations must be valid for same duration as specified by Owner for contract award.

Subcontractors are required to possess and maintain a current contractor's license and must also be registered with the Department of Industrial Relations (DIR) as required by Public Contract Code Section 1725.5. Subcontractors will be required to execute Flatiron's Standard Subcontract Terms and Conditions and insurance requirements. A copy of our Standard Subcontract Terms and Conditions is available in electronic format upon request.

Bond Requirements: Notwithstanding any contrary language in a bid to Flatiron or any prior course of dealing between Flatiron and a bidder, and unless waived in writing by Flatiron, Flatiron reserves the right to require each bidder to provide payment and performance bonds assuring bidder's obligations to Flatiron in the amount of 100 percent of the bid to Flatiron. Flatiron will reimburse the bond premium at actual cost not to exceed 3%. The surety on the bonds must be a California admitted surety. WE ARE AN EQUAL OPPORTUNITY EMPLOYER.

Flatiron West, Inc.

16470 W. Bernardo Drive, San Diego, CA 92127

Phone (760) 916-9100 / FAX (760) 471-4860

Email: SoCalBids@flatironcorp.com

Point of Contact: Veronica Garcia,
Estimating Admin.



California Sub-Bid Request Ads



Date: October 29, 2019 - December 4, 2019

Requests quotes from qualified and certified City of San Diego SLBE-ELBE Subcontractors, Suppliers, and Service Providers for the following (but not limited to) work:

221310 Water Supply and Irrigation Systems; 237110 Water and Sewer Line and Related Structures Construction; 237310 Highway, Street, and Bridge Construction; 237990 Other Heavy and Civil Engineering Construction; 238110 Poured Concrete Foundation and Structure Contractors; 238120 Structural Steel and Precast Concrete Contractors; 238140 Masonry Contractors; 238190 Other Foundation, Structure, and Building Exterior Contractors; 238210 Electrical Contractors; 238910 Site Preparation Contractors; 238990 All Other Specialty Trade Contractors; 332312 Fabricated Structural Metal Manufacturing; 332323 Ornamental and Architectural Metal Work Manufacturing; 423320 Brick, Stone, and Related Construction Material Merchant Wholesalers, 423610 Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers, 423990 Other Miscellaneous Durable Goods Merchant Wholesalers, 484110 General Freight Trucking, Local; 484220 Specialized Freight (Except Used Goods) Trucking, Local; 488490 Other Support Activities for Road Transportation; 541330 Engineering Services; 541620 Environmental Consulting Services; 561730 Landscaping Services

City of San Diego Brookfield Land Construction, Inc.

IMPROVEMENTS: MERGE 56 - TORREY HIGHLANDS PROJECT NO. T-3.1B, 3.2B CAMINO DEL SUR (NORTH); T-3.1A, 3.2A CAMINO DEL SUR SOUTH; T-5.1 & T-5.2 CARMEL MOUNTAIN ROAD SOUTH; P-6 TORREY HIGHLANDS TRAIL AND U-3 16" WATER MAIN, AND RANCHO PENASQUITOS PROJECT NO. T-4B - GRADING, RETAINING WALL, WET & DRY UTILITIES, STREET, STREET LIGHT, LANDSCAPE, AND TRAFFIC SIGNALIZATION IMPROVEMENTS

BID DATE December 4, 2019 @ 1:00 p.m.

All Quotes Due Prior to Bid Date

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 and specs are available at no cost to interested SLBE-ELBE firms and are available for viewing at our office by appointment, via Sukut's FTP site, or by other arrangement. Sukut will assist SLBE-ELBE subcontractors in obtaining necessary equipment, supplies, or materials. Sukut will also assist SLBE-ELBE firms in obtaining bonding, lines of credit, or insurance. Please contact Rick Welshiemer for assistance in responding to this solicitation.

Subcontractors must be prepared to furnish 100% performance and payment bonds and possess current insurance and workers' comp coverage. 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

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

CLASSIFIED AD



RCS Inc.

Kim Romero, President
kromero777@gmail.com
1-562-307-7734
www.rcsinc.info
SBE/DBE/MBE Certified
DIR Certified

California Located Servicing the Contractor with Dedication and Professionalism Consulting Services

Baseline Schedule, Monthly Schedule Updates, Earned Value, Resource/Cost Loading, Cost Analysis, Change Order Review/Negotiation, Claim Assessment, Schedule Delay, Disruption, Impact and Acceleration Analysis, Settlement Negotiation, Litigation Support, Arbitration Support, Expert Reporting and Testimony.

CALIFORNIA SUB-BID REQUEST AD



Proven Management, Inc.
225 3rd Street, Oakland, CA 94607
Phone: 510-671-0000 • Fax: 510-671-1000

PMI requests proposals/quotes from all qualified and certified Local Small Business (LSB), Minority Business Enterprise (MBE) Women Business Enterprise (WBE) subcontractors, suppliers, and truckers for the following project:

MARKET STREET ENTRY CANOPIES BART CONTRACT NO. 15LK-140

Bids: **12/03/2019 @ 2pm**
LSB GOAL - 23%

The work includes but is not limited to: Selective Structure Demo; Hazmat Abatement; CIP & Portland Cement Conc; Rebar; Unit Masonry; Mtl Welding; Str Stl; Mtl Decking; Metal Fab; Decorative Metal; Wood, Plastics & Composites; Ro. Carp.; Plastic Fab; Glass Fiber Molded Grating; Thermal & Moisture Protection; Roof / Deck Insulation; Modified Bituminous Roofing; Overhead Coiling Grilles; Glazing; Finishes; Plaster & Drywall; Tile; Terrazzo Flooring; Painting; Graffiti-Resistant Coatings; Specialties; Signage; Real-Time Information Display; Bird Control Devices; Fire Prot / Plumbing / HVAC; Electrical; Lighting; Communications; Electronic Safety & Security; Earthwork; Dewatering; Controlled Density Fill; Shoring & Underpinning; Excavation Support & Protection; Ext Improvements; Asphalt & Conc Paving; Utilities; Support & Protection of Utilities; Trenching & Backfilling for Utilities; Storm Drainage Utilities.

Bonding, insurance, lines of credit and any technical assistance or information related to the plans & specifications & requirements for the work will be made available to interested LSB, MBE, WBE certified suppliers & subcontractors.

Assistance with obtaining necessary equipment, supplies, materials, or related assistance or services for this project will also be offered to interested LSB/MBE/WBE certified suppliers, subcontractors, truckers. PMI is signatory to the Operating Engineers, Carpenters, and Laborers Collective Bargaining Agreements.

100% Payment & Performance bonds will be required from a single, Treasury-listed surety company subject to PMI's approval. PMI will pay bond premium up to 1.5%. Subcontractors awarded on any project will be on PMI's standard form for subcontract without any modifications. For questions or assistance required on the above, please call.

We are an Equal Opportunity Employer



California Sub-Bid Request Ads

Sub-Bids Requested from qualified DBE/MBE/WBE/SBE/DVBE

Subcontractors and Suppliers For:

MISSION TRAILS FLOW REGULATORY STRUCTURE II AND FLOW CONTROL FACILITY, SPECIFICATION 652

Owner: San Diego County Water Authority (SDCWA)

Location: San Diego, CA

Bid Date: December 17, 2019 @ 2:00 P.M.

J.F. Shea Construction, Inc.

667 Brea Canyon Road, Suite 30 • Walnut, CA 91789

Phone: (909) 595-4397, Fax: (909) 444-4268

Contact: Lori Olivas, lori.olivas@jfshea.com

J.F. Shea Construction, Inc. is soliciting your participation in the preparation of this bid. We are particularly interested in bids from subcontractors/suppliers for the following work items:

Geotextiles, Rip Rap, Fencing, Ready-Mix Concrete, Reinforcing Steel, Structural Steel, Miscellaneous Metals, Waterproofing, Metal Doors/Frames/Hardware, Access Hatches, Painting & Coatings, Equipment, Electrical, Cathodic Protection, and Instrumentation

Plans and Specifications: You may obtain a free download at

<http://www.sdcwa.org/contracting-opportunities>.

Plans may also be viewed at the Dodge Plan Rooms or at our Walnut Office.

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



Manson Construction Co.

1401 Marina Way South Ste. 330

Richmond, CA 94804

TEL: 510-232-6319 • FAX: 510-232-4528

REQUEST FOR QUALIFIED AND CERTIFIED LBE SUBCONTRACTORS AND SUPPLIERS FOR:

Port of San Francisco, Mission Bay Ferry Landing Project

RFQ/RFP CONTRACT NO. 2819

PROJECT BID DATE: November 19, 2019 AT 12 P.M.

Quotes are requested for various items of work including but not limited to: Hydrographic Survey, Vessel Tracking, Scow Certification for SF-DODS Disposal, Tugboats, Stockpile Management (drying contaminated dredge material), Trucking, Demolition, Landfill, Fine Aggregate, Cap Mattress and Articulating Block Mattress, Divers, Sub Consultant, Fuel.

Project Description: The Mission Bay Ferry Landing is a capital project with an estimated direct cost budget of \$34,000,000 and will consist of three phases: Pre-Construction, Early Construction, and Construction. The Port is utilizing the Construction Management / General Contractor ("CM/GC") Project Delivery method. This CM/GC method creates a Pre-Construction phase and enables the early engagement of the CONTRACTOR to collaborate with the Port and its Project designers and design Consultants ("A/E Team"), to provide a better designed and constructed Project. Early construction will consist of debris removal, dredging, cap installation and rehandling and disposal of contaminated materials. The Construction phase entails the construction of a new Ferry Landing and related facilities at Terry Francois Boulevard at 16th Street in San Francisco.

Manson construction is willing to break out items of work into economically feasible units to encourage LBE participation. 100 % payment and performance bonds are required but can be waived with prior approval for special cases. Manson will pay bond premium up to 1.5%.

This Contract has a labor agreement wherein Manson is signatory to Piledrivers and Operators. Current insurance and workers compensation coverage including USL&H and waiver of subrogation is required.

The following must be submitted with Quote by **COB 11/15/19**: LBE means a "Local Business Enterprise" that is CMD certified in the district of San Francisco in the following categories: MBE, WBE, and OBE. Please provide your company's Contractor's License #, DIR #, CMD Vendor #, and Federal Tax I.D. # on the quote. Quotes must be valid for 120 days.

For scope clarifications, to view plans and specifications, or to submit quotes contact **Gus Lamen** at alamen@mansonconstruction.com or 510-232-6319 ext. 8367.

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: 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:

CALTRANS ROUTE 880 - CONSTRUCTION ON STATE HIGHWAY IN ALAMEDA COUNTY IN FREMONT AT VARIOUS LOCATIONS FROM 0.1 MILE NORTH OF AUTO MALL PARKWAY OVERTOPPING TO 0.1 MILE SOUTH OF FREMONT BOULEVARD OVERTOPPING

Contract No. 04-2J8104,

Federal Aid Project No. ACIM- 8801(086)E

Disadvantaged Business Enterprise Goal
Assigned is 14%

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

BID DATE: NOVEMBER 19, 2019 @ 2:00 P.M.

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

AC DIKE, CONSTRUCTION AREA SIGNS, CONSTRUCTION SITE MANAGEMENT, CPM SCHEDULING CONSULTANT, CRASH CUSHION, ELECTRICAL, EMULSION SUPPLIER, EROSION CONTROL, K-RAIL SUPPLIER, LANDSCAPING, LEAD COMPLIANCE PLAN, METAL BEAM GUARDRAIL, MINOR CONCRETE, MISC. IRON AND STEEL FRAME COVER & GRATE, ROADSIDE SIGNS, ROADWAY EXCAVATION, STRIPING, SWPPP/ WATER POLLUTION CONTROL PLAN PREPARATION, TESTING, TRAFFIC CONTROL SYSTEMS, TRAFFIC CONTROL MATERIAL SUPPLIER, TREE REMOVAL/TRIMMING, TRUCKING, WATER TRUCKS, STREET SWEEPING, EROSION CONTROL MATERIAL, HOT MIX ASPHALT (TYPE A) MATERIAL, RUBBERIZED HMA (OPEN 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://ftp%25desilvagates.com> and password is f7pa55wd) or from the Owner's site at www.dot.ca.gov/hq/esc/oe/weekly_ads/all_adv_projects.php

Fax your bid to (925) 803-4263 to the attention of Estimator Eric Allred. 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.

Top 10 Benefits Of Construction Equipment Telematics

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

Telematics systems combine GPS technology, on-board diagnostics and monitoring sensors to track, log and report data via cellular networks on the performance and operation of your construction equipment. Data from telematics systems are typically accessed through a web portal and can provide data on a number of machine systems. Common data points include GPS location, fuel consumption, idle times and machine alerts. Equipment manufacturers are installing telematics systems as standard equipment on an increasing number of their product offerings each year.

Equipment owners using telematics data are reaping benefits such as improved productivity and reduced operating costs. Here are the top 10 benefits of using telematics systems to monitor and control your heavy equipment:

Asset Allocation

Telematics data can show you how much each machine is being used on your active sites. By analyzing telematics data you can determine if you are allocating too much or too little equipment to a jobsite. Perhaps you have an excavator that has been sitting at a project site unused for weeks that could be redeployed to another site. On the other hand, maybe you don't have enough equipment onsite and your operators are overworking your machines in order to keep the project on schedule.

Using telematics data to understand exactly where and how much your equipment is being used. Over time, this data will help you realize whether you have underused assets that you can divest or whether it's time to invest in more equipment. By adjusting your fleet size to meet your needs you can reduce equipment rental costs if you don't have enough equipment or reduce ownership costs if you have too much equipment.

Maintenance & Repair Schedules

Telematics technologies continue to evolve, providing even more data points to equipment owners. Sensors and onboard scales are being incorporated into the design of new machines capturing and reporting data from a number of systems. Everything from fuel consumption to fault codes can easily be monitored.

Integrating the telematics data into a maintenance management program you can better schedule and perform preventive maintenance and repairs. Accurately tracking engine and working hours can ensure you aren't pulling equipment out of service too early or too late to perform preventive maintenance. Telematics systems can also be used to alert you when equipment isn't operating at peak performance, which could be an indication that a component is failing and needs to be replaced. Identifying problems early can help extend the life of your equipment and reduce repair and labor costs.



Operator Performance

Telematics data can help you improve the efficiency of your equipment operators and identify bad habits like prolonged idling time. Speeding, erratic movements and overloading a machine are all safety hazards that can lead to rollovers and equipment tipping. By monitoring telematics data, you can identify operators who are overworking or misusing equipment. Correcting this behavior can lead to reduced labor costs, avoid accelerated wear on your equipment and result in safer worksites.

Reduce Theft

With GPS tracking and geo-fencing you can be alerted the moment your equipment leaves the jobsite. You can also use time-fencing to send alerts when equipment is being operated outside or scheduled work hours, which could indicate someone is trying to make off with your equipment. Some systems even allow you to remotely shut down the engine if unauthorized use is detected or prevent it from being started during set hours. With telematics and GPS technology you can track and locate all your equipment from one location so in the event equipment does go missing you can provide the local authorities with its location for faster recovery.

Reduce Fuel Consumption

Reducing fuel consumption is one of the biggest money savers telematics systems have been proven to solve. By monitoring idling time versus work time on equipment you can identify which machines are being left on without any work being done and specify which operators are responsible for wasting fuel. Implementing best practices to reduce idling times will result in better fuel efficiency. Reducing idle times can also extend engine life and reduce repair and maintenance costs.

Fuel Tax Refunds

The federal government and states collect excise taxes on gasoline and diesel fuel. These taxes are used to fund road construction and highway maintenance projects. Businesses that use fuel for off-road purposes, such as construction equipment, are eligible for refunds on the federal level and by many of the state governments. Telematics data can GPS tracking data along with fuel consumption information to easily provide records of how much fuel was used off-road. Note: Tax credits or refunds are not given if using red-dyed diesel fuel meant for off-road use since it is not taxed in the first place.

Insurance Premiums

Some insurance providers will reduce or eliminate deductibles or provide discounts if your equipment has GPS tracking with geo-fencing alert capabilities installed. Depending on the size of your fleet, this can result in huge savings on your insurance costs. Monitoring and correcting unsafe operating behavior by your employees will reduce the number of accidents on your jobsites, which could also help save on insurance costs.

Job Estimates

Using telematics data can lead to more accurate job costing and estimates. Telematics can provide you with machine hours and fuel usage to determine operating costs that can be combined with labor costs for more accurate billing. Analyzing past data on previous projects will help you better predict how much a specific task or job will cost on future projects. This will result in more accurate estimates and lead to submitting more competitive bids.

Manage Operating Expenses

It's important to keep track of the operating costs of your equipment since many owners determine



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 California Department of General Services (DGS) certified Local Small Business Enterprises (LSB), Local Micro Small Businesses having a primary business office in the counties of Alameda, Contra Costa and San Francisco and California Unified Certification Program (CUCP) certified Minority/Women Business Enterprise (MBE/WBE) Subcontractors, Consultants, and/or Suppliers seeking to participate in the construction on the Market Street Entry Canopies Project in San Francisco, CA.

<https://cucp.dot.ca.gov/cucp>
<http://www.pd.dgs.ca.gov>
www.bart.gov/ocr

Subcontractors and Suppliers
for the following project:

Market Street Entry Canopies
Contract No. 15LK-140
Owner: BART

Bid Date: December 3, 2019 by 2:00 P.M.

**Disadvantaged Business Enterprises (DBEs)
and Local Small Businesses (LSB)**

Minority Business Enterprise (MBE), Women Business Enterprise (WBE), Local Small Business Enterprise (LSB), wanted for the following scopes, including, but not limited to:

AC Paving, Bird Control Devices, CCTV, Concrete - Minor, Concrete Reinforcing, Concrete Supply, Concrete Cast in Place, Concrete Pumping, Demo, Drywall, Electrical, Flooring, Hazardous Abatement, Joint Protection, Masonry, Metals, Metal Decking, Openings, Painting & Coatings, Piping, Plumbing, Quality Control, Roofing, Security, Signage, Structural Steel, Temp Facilities and Traffic Control.

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

**Subcontractor and Supplier Scopes are due
November 29, 2019 and Quotes
NO LATER THAN December 2, 2019 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 <https://www.kiewit.com/districts/northern-california/overview.aspx> 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.

Project Stabilization Agreement (PLA) applies for SF Bay Area Rapid Transit District

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

An Equal Opportunity Employer
CA Lic. 433176
DIR# 100001147



Kiewit

10704 Shoemaker Ave., Santa Fe Springs, CA 90670
Tel: (562) 946-1816, Fax: (562) 946-3823
Contact : Tanya Stukes
Email: SanFernandoGR.Bids@kiewit.com

SAN FERNANDO GROUNDWATER REMEDIATION PROJECT

Owner: LADWP

Progressive Design Builder:

Kiewit Infrastructure West Co.

Anticipated Request for Proposal (RFP)

Release Date: November 18, 2019

Proposal Deadline: December 13, 2019, 2:00 PM

Submit Questions by: December 4, 2019

Seeking qualified firms (including SBEs, DVBs, DBEs, 8(a)s, SLBs, EBES, SBs, MBs, SMBEs, SWBES, WOSBs, EDWOSBs) to provide a **notice of interest** to receive a bid/RFP package or provide a quote in their respective areas of work or specialty.

GEOTECHNICAL SERVICES

CORROSION STUDY

FIELD SURVEYING SERVICES

POTHOLING INVESTIGATION SERVICES

Note: services include but are not limited to applicable sampling, testing, permitting, traffic control and written reports/maps by licensed professionals.

Respond with interest to

SanFernandoGR.Bids@kiewit.com by November 15, 2019

This is a Public Works Project subject to prevailing wage rates and a **Project Labor Agreement**. For information or questions on the contract requirements, availability of plans and specs and licensing, bonding, insurance, etc., please contact our office.

"Kiewit is an Equal Opportunity Employer.

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

STATEMENT: Mayor Garcetti on today's Southern California Association of Governments vote on housing

"Today's SCAG vote is an important step forward in responding to the unprecedented housing shortage and homelessness crisis that has gripped Southern California. We realize that if we don't solve this problem together, we won't solve it at all — and I am grateful to the many elected leaders from across the region, including 11 members of our own City Council, who supported a proposal that takes a realistic and objective approach to regional growth. Every community in our region must build new and more affordable housing — and putting it near jobs and transit will help ensure that more people have the opportunities they deserve."

— Mayor Eric Garcetti

Top 10 Benefits Of Construction Equipment Telematics

Continued from page 5

the lifecycle of a machine as being when the operating costs begin to exceed ownership costs. Fuel consumption, preventive maintenance, operator wages, repairs tire/track costs all make up operating costs. Telematics data can help you identify areas where you can reduce operating costs whether it be by reducing idling time or correcting operator behavior to extend component lifecycles and reduce the frequency of preventive maintenance.

Improve Productivity

Having a better understand of how, when and where your construction equipment is being used can lead to increased productivity on the jobsite.

Operator performance can be coached when equipment isn't being operated under normal parameters. Overworking or underutilizing equipment can be better managed by understanding telematics data. Know where each piece of equipment is at all times and how much each one is being used will allow you to better deploy your equipment to the sites where they are most needed.

Telematics will also allow you to schedule preventive maintenance when needed and avoid pulling equipment out of service too early, or worse, too late when costlier repairs might be required.

SOURCE: www.constructconnect.com

Tutor Perini/O & G Joint Venture (TPOG)



SEEKING DBE FIRMS

FOR SUBCONTRACTING OPPORTUNITIES ON THE WESTSIDE
PURPLE LINE EXTENSION SECTION 2 PROJECT

OWNER: LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY (LACMTA)



INTERESTED IN WORKING WITH TPOG?

TPOG issues Notice of Interest (NOI) Emails to all Tutor Perini/O & G Joint Venture registered vendors notifying them of upcoming 1st tier opportunities on the project. All CUCP certified DBEs vendors based in Southern California are already registered with TPOG. Please contact us if your firm is not receiving TPOG Notices of Interest by sending a note to:

Nareg@moderntimesinc.com

BONDING, LINES OF CREDIT, AND INSURANCE SUPPORT SERVICES:

TPOG is willing to assist DBE Subcontractors and suppliers in obtaining access to bonds, lines of credit and insurance. Please email Nareg Bostanian for your requests for assistance.

TPOG is soliciting in good faith all interested subcontractors as well as certified DBE firms. If you are interested in bidding or have any questions in relation to the scope, please email DBE Project Coordinator: Nareg Bostanian or visit the website below. <http://www.tpogjv4purpleline.com/index.html>



California Sub-Bid Request Ad



O.C. Jones & Sons, Inc.

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

REQUEST FOR DVBE & SBE SUBCONTRACTORS AND SUPPLIERS FOR:

Crack, seat and overlay with
RHMA AND HMA, and replace culverts
Hwy 101 Healdsburg
Caltrans #04-0J6424

BID DATE: December 13, 2019 @ 2:00 PM

We are soliciting quotes for (including but not limited to): Trucking, Temporary and Permanent Erosion Control Measures, Lead Compliance Plan, Progress Schedule (Critical Path Method), Construction Area Signs, Traffic Control System, Portable Changeable Message Sign, SWPPP, Rain Event Action Plan, Storm Water Sampling & Analysis, Sweeping, Vibration Monitoring, Treated Wood Waste, Noise Monitoring, Temporary High-Visibility Fence, Clearing & Grubbing, Shoulder Backing, Pervious Backfill Material, Soil Densification (High Density Polyurethane), Planting & Irrigation, Hydroseed, Compost, Lean Concrete Base Rapid Setting, Crack Treatment, AC Dike, Geosynthetic Pavement Interlayer (Paving Fabric), Tack Coat, Cold Plane AC, Jointed Plain Concrete Pavement, Individual Slab Replacement, Grinding, CIDH Concrete Pile, Structural Concrete, Paving Notch Extension, Architectural Surface (Barrier), Clean Expansion Joint, Joint Seal, Bar Reinforcing Steel, Sign Structure, Alternative Pipe Culvert, Concrete Backfill, Filter Fabric, Underground, Adust Utilities to Grade, Cleaning, Inspecting, and Preparing Culvert, Clean Drainage Facility, Sand Backfill, Machine Spiral Wound PVC Pipeliner, Rock Slope Protection, Detectable Warning Surface, Minor Concrete, Misc. Iron & Steel, Prepare and Stain Concrete, Fencing, Delineator, Pavement Marker, Roadside Signs, Midwest Guardrail System, Asphalt Composite Vegetation Control, Single Thrie Beam Barrier, Alternative In-Line Terminal System, Crash Cushion, Concrete Barrier, Striping & Marking, Electrical, Temporary Active Treatment System, Crack Pavement, Grind Concrete Pavement, Grated Line Drain, Rumble Strip, and Construction Materials.

Jean Sicard (510-809-3411 jsicard@ocjones.com) is the estimator on this project and he is available to provide assistance or answer questions regarding the project scope of work including bid requirements, break out of bid items, plan or spec interpretation, bonding or insurance requirements, and other bid assistance. Plans and specs are available to review at our Berkeley office, or can be sent out via Building Connected. Plans are also available under the Advertised Projects tab at the Caltrans website at: <http://ppmoe.dot.ca.gov/des/oe/contract-awards-services.html>. PDF format quotes should be emailed to the estimator or faxed to 510-526-0990 prior to noon on the date of the bid. Quotes from DVBE & SBE Subcontractors, Suppliers and Truckers are highly encouraged. OCJ is willing to breakout any portion of work to encourage DVBE & SBE participation. Subcontractors must possess a current DIR, Contractors License, and insurance and workers compensation coverage including waiver of subrogation. OCJ may require Performance and Payment bonds on subcontracts. OCJ will pay the bond premium up to 2% of the contract value. All subcontractors are required to execute OC Jones' standard subcontract agreement, comply with all insurance requirements, and name OCJ as additional insured. Copies of our agreement and insurance requirements are available upon request. OCJ is a Union contractor, and we are signatory to the Operating Engineers, Laborers, Teamsters, and Carpenters. OCJ is an Equal Opportunity Employer.



O.C. Jones & Sons, Inc.

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

REQUEST FOR DBE SUBCONTRACTORS AND SUPPLIERS FOR:

Place lean concrete base, HMA & HMA-0
and electronic toll system
Hwy 880 Fremont
Caltrans #04-2J8104

BID DATE: November 19, 2019 @ 2:00 PM

We are soliciting quotes for (including but not limited to): Trucking, Temporary and Permanent Erosion Control Measures, Lead Compliance Plan, Progress Schedule, Construction Area Signs, Traffic Control System, Portable Changeable Message Sign, SWPPP, Rain Event Action Plan, Storm Water Sampling & Analysis, Sweeping, Treated Wood Waste, Temporary High Visibility Fence, Clearing & Grubbing, Roadway Excavation (Type Z-2 Aerially Deposited Lead), Hydroseed, Compost, Wood Mulch, Lean Concrete Base, AC Dike, Tack Coat, Adjust Inlet, Roadside Signs, Midwest Guardrail System, Vegetation Control (Minor Concrete), Alternative In-Line System, Pavement Marking, Electronic Tolling System, Electrical, and Construction Materials

Greg Souder (510-809-3430 gsouder@ocjones.com) is the estimator on this project and he is available to provide assistance or answer questions regarding the project scope of work including bid requirements, break out of bid items, plan or spec interpretation, bonding or insurance requirements, and other bid assistance. Plans and specs are available to review at our Berkeley office, or can be sent out via Building Connected. Plans are also available under the Advertised Projects tab at the Caltrans website at: <http://ppmoe.dot.ca.gov/des/oe/contract-awards-services.html>. PDF format quotes should be emailed to the estimator or faxed to 510-526-0990 prior to noon on the date of the bid. Quotes from DBE Subcontractors, Suppliers and Truckers are highly encouraged. OCJ is willing to breakout any portion of work to encourage DBE participation. Subcontractors must possess a current DIR, Contractors License, and insurance and workers compensation coverage including waiver of subrogation. OCJ may require Performance and Payment bonds on subcontracts. OCJ will pay the bond premium up to 2% of the contract value. All subcontractors are required to execute OC Jones' standard subcontract agreement, comply with all insurance requirements, and name OCJ as additional insured. Copies of our agreement and insurance requirements are available upon request. OCJ is a Union contractor, and we are signatory to the Operating Engineers, Laborers, Teamsters, and Carpenters. OCJ is an Equal Opportunity Employer.



35 YEARS

1984 - 2019

BGINibbi

Project Name: Hayes Valley South

Location: San Francisco, California

Bid Date: November 15, 2019 @2:00pm

Labor Reqs: Prevailing Wage

Est. Start: January 2020

Est. Completion: November 2021

Baines-Nibbi Joint Venture has been selected as the General Contractor for the Hayes Valley Apartments South project in San Francisco, CA. We are in receipt of the GMP Bid set and are currently requesting bids from qualified subcontractors and suppliers including those certified with SBE's for DIV 1-12 & 21-33. **The Contract Monitoring Division (CMD) has set the SBE participation goal for this project at 25%.** All SBE and/or Non-SBE with SBE participation are strongly encouraged to submit. For more information about the San Francisco SBE program as it relates to this solicitation, please contact Mr. Romulus Asenloo at the City and County of San Francisco Contract Monitoring Division via email, ian.fernando@sfgov.org.

MOH, Section 3 HUD / Additional local hiring goals:

Contractors are required to work in good faith with the City's Office of Economic and Workforce Development (OEWD) to employ disadvantaged workers to meet the following hiring goals:

- 30% of all work hours are performed by Section 3 residents
- 30% of new-hire opportunities are fulfilled by Section 3 residents
- 6.9% of all work hours by trade are performed by female workers
- 25.6% of all work hours by trade are performed by minority workers

Bids are due Friday, November 15, 2019 @ 2:00pm. Please confirm your bidding status online through the Building Connected website.

Project Description: Hayes Valley Apartments South consists of 8 type V stucco and wood framed buildings. There are 110 units scheduled to undergo renovation, including but not limited to new cabinets, countertops, interior finishes, appliances and plumbing fixtures. 4 units (3 studios and 1 bedroom) will be converted to accessible units. MEP upgrades consist of replacement selected HVAC equipment, partial upgrade of electrical and plumbing systems. Existing roofing system is scheduled to be replaced. Selective improvements to site areas will be implemented, including new concrete paving at building entry and sidewalks, site fencing repairs, soil remediation and ADA accessibility.

Pre-Bid Meeting & Job Walk: October 29, 2019 @ 10:00AM - On Site Community Center, 401 Rose Street, San Francisco, CA - Job Walk to follow Pre-Bid Meeting.

Labor Requirements: Prevailing Wage

Project Schedule: Est. Start: January 2, 2020 Est. Completion: November 2021

Bid Documents: A link has been sent to you via a BuildingConnected email notification. For any questions on accessing this bidding software please email Kristin Medwick, Senior Precon & Estimating Coordinator via email, kristinm@nibbi.com. For specific questions regarding this project, please contact Michael Cafferkey, Preconstruction Manager via email, michaelc@nibbi.com.

Bidding: Proposals shall be submitted no later than **2:00 PM on Friday, November 15, 2019** online via the Building Connected website, or fax to (415) 241-2951. **Please note a completed Bid Form will need to be submitted for each trade/bid package you are bidding on in order to be considered.**



Success Stories

Peas of Mind, San Francisco



BACKGROUND

Helping a friend feed her toddler something healthier than canned green beans turned into a full time job for Jill Litwin, founder and CEO of Peas of Mind, a healthy frozen-food company for growing kids. Jill found her niche in creating foods for the 1 to 8 year-olds, or “growing child.” Moms had little more than Cheerios and Goldfish for their 1 to 8-year-olds to snack on; Jill soon had a line-up of healthy and tasty Puffets, natural and organic wholesome meals.

CHALLENGES

Jill needed a licensed commercial kitchen in which to prepare her Puffets and found La Cocina, a non-profit kitchen facility. Peas of Mind became their first ‘incubator’ candidate. After a year and a half of making Puffets, she was needed to turn the production over to a contract packaging facility but had difficulty affording available options. Jill was also worn out making deliveries to

burgeoning list of markets carrying her products and was looking for a distributor. Jill also needed to hire someone to work in her office to free her up for other projects.

ACTIONS

In 2006 Jill was introduced to an SBDC Business Advisor. The Business Advisor was a specialty foods specialist who helped Jill through the transition of producing her Puffets out of La Cocina by January 2007. Jill’s marketing savvy resulted in her Nanna’s Banana Pufflet being named one of the Top Ten Products of 2008! In 2009 Peas of Mind launched Veggie Wedgies, baked crispy French fries made with real vegetables. The Veggie Wedgies are fat- and allergen-free, again meeting market demands. This is now the #1 product line for Peas of Mind – winning the company the 2009 R & D Team of the Year Award around innovation. In 2010 the company produced a pizza made with broccoli and carrots kneaded into the dough.

RESULTS

Jill’s products are now available in the Target Superstores and Whole Foods nationwide, as well as Sprouts, Gelson’s, Earth Fare, and HEB properties. Peas of Mind products are also exported to Singapore. Her staff has grown from one to four now and Jill feels her team is well positioned to further penetrate the national market landscape. She understands the value of the advice and assistance she has received from La Cocina, Renaissance Center and the San Francisco Small Business Development Center and now serves as a volunteer, teacher, and committee member to assist others with the challenges of launching a packaged consumer goods company.

Since 2007, Peas of Mind sales have increased 157 percent. Jill still meets regularly with the SF SBDC to chart strategy for continued growth and success.

SOURCE: www.sfsbdc.org/story/389

Beck’s Bakery, Arcata

BACKGROUND

Beck’s Bakery is a wholesale bread bakery located in Arcata, California. They use locally grown grains in their breads and crackers and grind them fresh in house with a stone mill!

CHALLENGES

Owner Rhonda Wiedenbeck had always dreamed of starting and running a bakery, so she got experience in baking, large-scale food production, and attended a few workshops, but when it became a more feasible goal Rhonda realized she needed more help with running the business-end of the bakery. She needed financial projections, market-

ing help, and a commercial kitchen. Rhonda was familiar with the SBDC, but now it was time to put ideas into motion.

ACTIONS

Rhonda met with a North Coast SBDC advisor and quickly realized that the preparation needed to apply for a commercial kitchen space was one of the most involved processes she would undertake because she needed a full proposal which included a detailed business plan. The SBDC assisted her to develop these plans, and Rhonda also participated in a specialized program and workshops that helped her to move forward with

her business. Rhonda was especially smart in that she created a Kickstarter campaign “Delivering Beck’s Bakery to Humboldt!”, with which she raised \$4,065!

RESULTS

Rhonda was approved for a commercial kitchen space in a highly competitive application process, and Beck’s Bakery successfully opened for business. The bakery currently employs five people. Because Rhonda purchased a grain mill, she is able to sell the milled grains as an additional source of income for her business.

SOURCE: www.northcoastsbdc.org/story/540