

6 Issues Impacting the Commercial Construction Industry

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www.constructconnect.com]

By: Gregory V. Chapman,

The construction industry has always been important because of its fundamental role in building society as we know it. However, the industry is facing some critical issues that will be crucial for its future development. Here are some of the most essential issues impacting the commercial construction industry.

Worker Safety

First and foremost, there's the issue of safety. The construction industry has been struggling with worker safety for years. The commercial construction industry is one of the leaders in the total number of worker deaths. Keeping workers safe has been a major source of concern among employers within the industry.

There are several ways to protect workers from accidents and injuries while they do their job. The most obvious is training. Training employees to become better at protecting themselves in critical situations can prevent them from getting injured and prevent accidents from happening. Training employees to be better specialists, on the other hand, will help them perform their tasks more accurately, precisely, and safely.

Another way to reduce the number of accidents and injuries in the workplace is by getting rid of hazards. All the safety measures for storage, transportation, and use of potentially dangerous objects should be strictly followed to ensure that the risk of disaster is reduced. Continuously training your workers can also help employees better understand what should be done in different situations and what objects should be stored in what conditions.

Technology Use

Another issue that will ultimately impact the commercial construction industry is the adoption of technology. The construction industry is notorious for adopting new technologies very slowly. Many construction business owners tend to underinvest in new technologies despite knowing that these technologies can significantly improve the results and performance of any project.

Emerging technology like virtual and augmented reality, robots, drones, and 3D printing are all ex-



amples of such new underused technologies that are being adopted by the construction industry day by day. Hopefully, more projects will be completed with the help of new technologies.

Many issues and problems listed in this article can easily be solved by using a certain technology. For example, drones can be used to improve security and keep employees safe by monitoring everything from above and ensuring that every process is performed correctly. Project management software can help with scheduling and planning while VR and AR can help with visualizing the final product.

Labor Shortage

One thing that not everyone anticipates in the construction industry is the labor shortage. Ever since the Great Recession, the employment numbers in the construction industry have been struggling to get back to their prerecession statistics. Over 2 million jobs were shed by the industry during the economic downturn of the late 2000s with workers either leaving voluntarily or being fired.

These workers mostly found jobs in other industries that sustained them for a while. But what happened next is that many of them realized they were better off in those jobs. Many of these specialists didn't come back to the construction industry creating this labor shortage. Moreover,

the construction industry is not attracting enough talent to meet the growing demand for qualified professionals and specialists.

Employers should be more mindful of the experts they already have employed in their firms. More and more companies are realizing how important it is to create the right offer to "sell" their unoccupied positions to potential candidates. If employers have opportunities to offer that others don't, they are more likely to get to hire the specialist they are looking for, i.e., skilled, experienced, educated, and motivated.

Decreased Productivity

Decreased productivity seems to be a pain point for many spheres, so it's obvious that the commercial construction industry suffers from it as well. The problem is that construction projects are becoming more and more complex every year which is why the decreased productivity is way more damaging than it seems. Multiple factors lead to decreased productivity which is why it is so hard to prevent it completely.

For example, improper scheduling and planning are some of the primary causes of decreased productivity. When employers and employees have no idea what they are supposed to do and what



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CONTACT: Colby Smith at
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CAHILL CONTRACTORS LLC
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Voluntary Virtual Pre-Bid Meeting: 9/23/20 @ 10AM

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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BIDS DUE BY: October 13, 2020 at 2 p.m.

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Drawings, Specifications, and a sample Bid Proposal Package for this project can be obtained by contact-
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selecting the project from the online plan well at the ARC Northern California Public Planroom by going to
www.e-arc.com/ca/sacramento. Questions in regards to the website can be directed to the Plan Well team
at ARC Sacramento by calling 916-443-1322 or e-mailing sac.planwell@e-arc.com. Bid documents may
be purchased either in hard copy or electronic media format. You may also schedule an appointment to
discuss the documents during Shimmick business hours via WebEx. To make an appointment for viewing
or to receive the download link, please contact Natasha Inglis at ninglis@shimmick.com.

If you have any technical questions or require assistance obtaining necessary equipment, supplies, materials,
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All items of work listed above are made available, even items of work normally performed by Shimmick.
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reasonable time prior to the bid deadline to enable a complete evaluation. For assistance with bonding,
insurance or lines of credit contact Eric Minkler at (510) 777-5000.

TAFT ELECTRIC COMPANY

1694 EASTMAN AVENUE,
VENTURA, CA 93003

Phone: (805) 642-0121 • Fax: (805) 650-9015

Contact: Arnold Tostado

Email: atostado@taftelectric.com

Invites sub-bids from qualified
DBE
businesses for the following project:

**HSIP Downtown Perimeter
Lighting Project**
Bid No. 3870

Location: City of Santa Barbara

BID DATE: 09/17/2020

Scope of work/Trades:

**Concrete, A/C Paving, Signing & Striping,
Traffic Control & Plans**

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Payment and performance bonds may be
required. Please contact us at the above
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California Sub-Bid Request Ads



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

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SUPPLIERS

Aggregate, Rip Rap Mat'l, K-Rail, Misc. Iron & Steel, Ready Mix Conc, Ready Mix Portable, and Traffic Control Supply

FOR CONSTRUCTION ON STATE HIGHWAY IN RIVERSIDE COUNTY NEAR LAKE ELSINORE FROM ORANGE COUNTY LINE TO MONTE VISTA STREET ON ROUTE 74

Contract No. 08-1C8504

Federal-aid No. ACHSST-S074(071)E

DBE GOAL 11%

BID DATE: OCTOBER 8TH, 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@sukat.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 Rick Welshiemer 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.

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Zuckerberg San Francisco Building 5 General Seismic Upgrade & Renovation Project

Pankow Builders is seeking subcontractors to participate in a prequalification process to identify Trade Subcontractors interested in bidding on the below listed trade scopes for the **Zuckerberg San Francisco General (ZSFG) Building 5 Seismic Upgrade & Renovation Project located in San Francisco, California**. All Trade Subcontractors who are interested in bidding on the listed trade scopes must be prequalified by Pankow Builders and San Francisco Public Works by successfully completing the Request for Qualifications (RFQ).

Pankow Builders is seeking to pre-qualify Subcontractors for the following Trade Scopes: Scaffolding; Construction Surveying; Demolition; Hazardous Material Abatement; Fiber Reinforced Polymer; Structural/Misc. Steel/Metal Decking; Architectural Woodwork; Waterproofing; Roofing and Insulation; Sheet Metal & Flashings; Fireproofing; Joint Sealants; Expansion Control; Doors, Frames & Hardware; Coiling Doors & Grilles; Fire Doors & Smoke Curtains; Storefronts & Curtain Walls; Interior Glass & Glazing; Metal Stud, Gypsum Board, & Plaster; Tile & Terazzo; Ceilings; Flooring; Epoxy Flooring; Painting & Wall Coverings; Signage; Toilet Partitions & Accessories; Fire Extinguisher Cabinets; Window Blinds; Pneumatic Tube; Fire Sprinklers; Plumbing; HVAC; Building Automation Systems; Electrical; Communications and Security; Fire Alarm; Landscaping & Irrigation; Underground Site Utilities; Final Cleaning.

RFQ's can be obtained from Pankow by contacting Laurie Kaminski at LKaminski@Pankow.com, or (415) 271-7012. Subcontractors that are interested in bidding on the project will be provided access to the **Request for Qualifications (RFQ) Application, and Drawings, Specifications, etc.** thru Building Connected. RFQ responses are due to Pankow by **September 22, 2020**.

General Contractor - Charles Pankow Builders Ltd., 1111 Broadway, #200, Oakland, CA 94607 (510) 893-5170.



Kiewit Infrastructure West Co.

4650 Business Center Drive Fairfield, CA 94534
Attn: Julie Bradhurst at norcal.bids@kiewit.com

Requests quotes/bids from qualified Subcontractor, Service Providers, Consultants, and/or Suppliers seeking to participate in the City of Palo Alto, Primary Sedimentation Tanks Rehabilitation and Equipment Room Electrical Upgrade Project in Palo Alto, CA.

Subcontractors and Suppliers for the following project:

Primary Sedimentation Tanks Rehabilitation and Equipment Room Electrical Upgrade Project
CIP: WQ-1400

Owner: City of Palo Alto

Bid Date: October 20, 2020 @ 3:00 P.M.

Disadvantaged Business Enterprises (DBEs)

www.mbda.gov ; www.epa.gov ;
www.sba.gov ; dot.ca.gov

Minority Business Enterprise (MBE), Women Business Enterprise (WBE), Small Business Enterprise (SBE), Small Business in a Rural Area (SBRA), Labor Surplus Area Firm (LSAF), or Historically Underutilized Business (HUB) Zone Businesses wanted for the following scopes, including, but not limited to:

Aggregates · Asphalt Paving · Bird Control Devices · Cathodic Protection · Concrete Forms & Accessories · Concrete Pumping · Concrete Reinforcement · Concrete Supply · Concrete, Cast-in-Place · Concrete, Pre-cast · Coring · Crack Injection · Demolition · Disposal · Diving · Drilled Shafts · Earthwork · Electrical · Electrical Supply · Electrical Install · Electrical Testing · Fire Suppression · FRP · Instrumentation & Controls · Lighting · Metals · Minor Concrete · Openings · Paintings & Coatings · Piping & Valves · Potholing · Quality Control · Saw cutting · Scaffolding · Street Sweeping · Surveying · SWPPP · Temp Fencing · Thermal & Moisture Protection · Trucking & Hauling · Water Truck · Welding

Non DBE firms are encouraged to contract with a group of lower tier DBEs or individual DBEs.

Subcontractor and Supplier Scopes are due October 13, 2020 and Quotes NO LATER THAN October 19, 2020 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> to register your company to be able to receive bidding information, Plans and Specifications.

Performance and Payment Bonds may be required for Subcontractors and Supply Bond for permanent material Suppliers on this project.

CA Drinking Water
State Revolving Fund (CASRF) applies
American Iron and Steel requirements apply
Davis-Bacon Wages apply

CA Lic. 433176
DIR #: 100001147

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California Sub-Bid Request Ads

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

NORTH CITY PURE WATER FACILITY

Owner: City of San Diego

Location: San Diego, CA

Bid Date: October 1, 2020 @ 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:

Drilled Concrete Piers, Aggregates, AC Paving, Curb & Gutter, Gates & Fencing, Landscaping, Ready-Mix Concrete, Reinforcing Steel, Precast Concrete, Structural Steel, Miscellaneous Metals, Steel Decking, Metal Framing & Drywall, Decorative Metal Stairs, Cabinetry, Dampproofing, Insulation, Metal Wall Panels, Roofing, Sheet Metal, Sealants, Metal Doors/Frames/Hardware, Wood Doors/Frames/Hardware, Overhead Coiling Doors, Bi-Fold Doors, Aluminum Storefront, Glazed Curtain Walls, Skylights, Glazing, Louvers, Acoustic Plaster System, Ceramic Tile, Acoustical Panel Ceilings, Resilient Flooring, Terrazzo Flooring, Tile Carpeting, Metal Acoustical Panels, Painting & Coatings, Signage, Toilet Compartments, Toilet Accessories, Fire Protection Specialties, Metal Lockers, Metal Shelving, Equipment, Roller Window Shades, Lab Casework, Dumbwaiters, Electrical Traction Elevators, Cranes & Hoists, Fire Suppression, HVAC, Electrical and Instrumentation

Plans and Specifications: You may obtain a free download of all Project Documents at: <https://www.planetbids.com/portal/portal.cfm?companyID=17950>. 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.

Subconsultant Proposals Requested from qualified **DBE** Subconsultants/Subcontractors for Phase 1 Services for:

THE EAST COUNTY ADVANCED WATER PURIFICATION PROJECT PACKAGE 3 (PROGRESSIVE DESIGN BUILD)

Owner: East County Advanced Water Purification Joint Powers Authority

Location: Santee, CA

Proposal Date: October 14, 2020 @ 3:00 P.M.

Subconsultant Proposals Due: October 7, 2020 @ 3:00 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 Proposal. We are particularly interested in proposals from Subconsultants/Subcontractors for the following work areas:

Survey, Geotechnical Consultant, Surge Analysis, Corrosion Assessment, Traffic Control, and Potholing

Project Documents: Email your request to elizabeth.schmid@jfshea.com. You will be required to execute a Confidentiality Agreement prior to being sent a link to the Project Documents.

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 Subconsultants/Subcontractors to be bondable. J.F. Shea will pay for up to 1% for Subconsultant/Subcontractor bond costs.



Kiewit

Kiewit Infrastructure West Co.

4650 Business Center Drive Fairfield, CA 94534

Attn: Krista Christensen at norcal.bids@kiewit.com

Requests quotes/bids from qualified Subcontractor, Service Providers, Consultants, and/or Suppliers seeking to participate in the City of Santa Cruz, Graham Hill Water Treatment Plant Concrete Tanks Replacement Project in Santa Cruz, CA.

Subcontractors and Suppliers
for the following project:

**Graham Hill Water Treatment Plant Concrete
Tanks Replacement Project CWO #2019-002**

Owner: City of Santa Cruz

Bid Date: October 15, 2020 @ 11:00 A.M.

Disadvantaged Business Enterprises (DBEs)

www.mbda.gov; www.epa.gov;
www.sba.gov; dot.ca.gov

Minority Business Enterprise (**MBE**), Women Business Enterprise (**WBE**), Small Business Enterprise (**SBE**), Small Business in a Rural Area (**SBRA**), Labor Surplus Area Firm (**LSAF**), or Historically Underutilized Business (**HUB**) Zone Businesses wanted for the following scopes, including, but not limited to:

Aggregates • Asphalt Paving • Building • Building Insulation • Bypass Pumping • Concrete Crack Injection • Concrete Formwork • Concrete Pumping • Concrete Reinforcement • Concrete Supply • Concrete, Pre-cast • Demolition • Dewatering • Drywall • Electrical • Electrical Supply • Erosion Control • Fire Alarm • FRP • FRP Building • HVAC • Instrumentation • Joint Sealant • Lighting • Masonry • Mechanical Equipment • Metal Decking & Roofing • Miscellaneous Metals & Structural Steel • Openings • Paintings & Coatings • Piping & Valves • Potholing • Pre-Stressed Concrete Tanks • Quality Assurance/Quality Control • Segmental Retaining Walls • Signage • Soil Nail Wall • Soldier Pile Wall • Sweeper Truck • SWPPP • Thermal & Moisture Protection • Trucking & Hauling • Water Truck

Non DBE firms are encouraged to contract with a group of lower tier DBEs or individual DBEs.

**Subcontractor and Supplier Scopes
are due October 8, 2020 and**

Quotes NO LATER THAN October 14, 2020 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/north-ern-california/overview> to register your company to be able to receive bidding information, Plans and Specifications.

Performance and Payment Bonds may be required for Subcontractors and Supply Bond for permanent material Suppliers on this project.

CA Drinking Water State R
evolving Fund (CASRF) applies
American Iron and Steel requirements apply
Davis-Bacon and California prevailing
wage rates apply

CA Lic. 433176
DIR #: 1000001147

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What To Do With That Glut of Office Construction

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

By Les Shaver,

COVID-19 came on the heels of a glut of office construction in some markets. Now that the realities of the pandemic have sunk in, attention is turning to what will become of that excess inventory.

“You look at San Francisco, and there has definitely been a boom in office construction in the last decade,” says Nima Wedlake, principal at Thomvest Ventures. “For the most part, those offices are getting leased up before construction is completed. The Salesforce tower was getting leased at record-high rates.”

But the tech companies in San Francisco are letting workers telecommute well into 2021, if not permanently. “Outside of our interest in real estate, we have a portfolio of technology companies, many of whom are based in San Francisco,” Wedlake says. “Every single one has announced a work-from-home policy that will extend into 2021. I think that’s table stakes at this point.”

With this movement towards telework, Wedlake thinks it will be hard to fill those towers in San Francisco, much less underwrite news ones.

“I think there is too much uncertainty to underwrite a commercial office construction project in a place like downtown San Francisco, where the model only works if you can get \$95-plus per square foot from one of the blue-chip tech companies,” Wedlake says. “There is too much uncertainty around what the future will hold to be able to underwrite that and finance a project like that successfully.”



Ultimately, Wedlake thinks there will be a long lull in underwriting office projects in cities, such as San Francisco. “You’ll probably see a halt, which might mean less new supply hitting the market,” Wedlake says. “Maybe the existing supply will rebalance demand.”

Wedlake wonders if some of the excess office buildings may change uses. “We’ve already seen some conversations about converting offices to residential when applicable, and we’ve actually seen some startups that are trying to enable that,” Wedlake says. “I could see under-utilized office space getting converted into residential space in some of these big cities.”

While Wedlake sees a slump in the office market, he thinks people will eventually end up back at work around their coworkers.

“When everyone is fully remote, the only way they interact with your coworkers is on Slack or

via email or on Zoom,” Wedlake says. “I think there is something to be said about the serendipity of being in an office environment and in a dense city, like New York or San Francisco. And there are opportunities born out of that serendipity.”

That desire to be around people convinces Wedlake that there will probably be a hybrid office structure after the pandemic.

“People might be encouraged to come into an office two to three times per week, in order to get that face time or network in real life with their coworkers,” Wedlake says. “For the balance of the week, they’ll be able to work from home or in a remote environment.”

SOURCE: www.globest.com/2020/08/24/what-to-do-with-that-glut-of-office-construction/?slreturn=20200811133910

6 Issues Impacting the Commercial Construction Industry

Continued from page 1

aims they should be pursuing, they become increasingly demotivated. That’s where the decreased productivity starts setting in. It’s crucial that the proper amount of time is dedicated to planning and preparation.

The lack of collaboration and communication can lead to a lot of time wasted on insignificant matters which also results in less work completed and, consequently, decreased productivity. In addition to all of that, the shortage of labor can contribute to this issue as fewer specialists can be working on one project at the same time. In other words, there are multiple things you should keep in mind to truly start increasing productivity on a construction project.

Higher Material Costs

One of the expected issues that probably most employers in the construction industry have already anticipated is the higher material costs. Inflation is affecting every industry, so it is only logical that the costs of the required materials for every other project are growing too.

The only thing that can be done about this is a smart balancing and management of the budget. The budget needs to be directed at the right aspects of a project. For instance, if one part can be done with reduced expenses, this “saved” money can be then used on other parts that need more funding.

Environmental and Sustainability Issues

Environmental and sustainability issues are becoming way more relevant as the question of

climate change and global warming is more discussed. This also leads to more companies in the construction industry adapting to them.

Of course, the only way to deal with these issues is by finding solutions to them. More mindful and sustainable construction projects are being completed successfully which paves the way for others to do the same.

Final Thoughts

The commercial construction industry will have to overcome several problems in the near future, but once you understand what challenges you need to prepare for, this becomes much easier.

SOURCE: www.constructconnect.com/blog/6-issues-impacting-the-commercial-construction-industry



Columbus, Ohio Sub-Bid Request Ads

Ohio Contractors Association, Industry Members Set For Construction Safety Week

The Ohio Contractors Association (OCA) is joining state, national and global construction groups in recognizing and participating in the 2020 Construction Safety Week, September 14-18, as well as making work zones and project sites across Ohio safer for workers and the traveling public.

The construction industry is one of the nation's most dangerous to work in. According to the U.S. Department of Labor and the Occupational Health & Safety Administration (OSHA), the construction industry has a fatal injury rate higher than the national average for all industries. Statistics show that of every 5,000 worker fatalities, one in five occur in the construction industry.

In an effort to promote safety, the National Construction Safety Week was organized in 2014 as a five-day event urging the industry's more than 11.2 million workers to be better safety leaders through collaboration and sharing of best practices.

OCA, a statewide trades association of nearly 500 contracting and supply companies involved in Ohio's heavy, highway and utility construction industry, is using the week's national safety observance to highlight what Ohio is doing to bring awareness and to help prevent two of the industry's "focus four" worksite occurrences – electrocutions and struck-by accidents.

According to OCA Labor & Safety Affairs Director Mark Potnick, common hazards on the construction worksite are when dump trucks fail to lower their beds. "There are two hazards involved in that work," he said. "One is striking overhead electric lines, which can cause injury and death to the ground people; and the second is truck beds striking overhead structures, like bridge decks, which then causes falling chunks of concrete or objects that can strike ground employees." The most-recent U.S. Bureau of Labor Statistics (BLS) show annually that electrocution and struck-by incidences in industry resulted in 6,340 work-related injuries and 438 fatalities nationally.

To alleviate the risk of electrocution and struck-by accidents, OCA's Safety Committee set out to develop an overhead warning device that would be consistent to all industry members in the state as well as compliant with the Federal Highway Administration, Ohio Department of Transportation and OSHA.

"Since it is such a positive issue and a safety-related issue, we thought we would coordinate our distribution of the devices to our membership in an event during National Construction Safety Week," Potnick said. The OCA event, set for September 17 at

its Columbus headquarters at 1313 Dublin Road, will further educate its members on electrocution and struck-by occurrences and distribute 500 overhead warning signs to heavy, highway and utility construction contractors throughout the state. The initial 500 signs are being funded through the Ohio Laborers – Employers Cooperation & Education Trust (Ohio LECET).

The 2020 National Safety Construction Week was originally set for May, but was rescheduled in order to plan and provide proper COVID-19 protocol. The focus of this year's national event

will be thanking workers who support safety and recognize efforts to be injury free; increase awareness of the importance of being committed to safety every day; encourage the sharing of best practices and working to strengthen the construction industry's safety culture; and conduct onsite activities to support safety education.

SOURCE:

www.prnewswire.com/news-releases/ohio-contractors-association-industry-members-set-for-construction-safety-week-301128124.html

SHEA- TRAYLOR JV BIDDING OPPORTUNITY

City of Columbus, Ohio Certified DBE (MBE and WBE) with the following certifying authority:

Participation of Minority-and Women -Owned Business Enterprises ("MWBE") and Equal Employment Opportunities ("EEO"). Participation by Disadvantaged Business Enterprises ("DBE") in United States Environmental Protection Agency ("EPA") Programs pursuant to 40 Code of Federal Regulations (CFR) Part 33; DBE is a Disadvantaged, Minority, or Woman Business Enterprise that has been certified by an entity from which EPA accepts certifications as described in 40 CFR 33.204-33.205 or certified by EPA. EPA accepts certifications from entities that meet or exceed EPA certification standards as described in 40 CFR 33.202. USDOT DBE certifications accepted. See: City of Columbus, Office of Diversity and Inclusion, 614-645-4764 and www.columbus.gov/odi/.

Inviting qualified contractors, specifically **MBE and WBE firms certified/eligible as listed above**, to contact Shea-Traylor JV (Prime Contractor listed below) regarding subcontracting services and material supply opportunities in connection with the upcoming tunnel and shafts project. The Work under this contract is in Columbus, Ohio. The Work consists of:

Construction of Tunnel & Shafts: Lower Olentangy Tunnel, Contract 135-2016

Owner: City of Columbus Dept. of Public Utilities

910 Dublin Road - 3rd Floor, Columbus, OH 43215

BID DATE: October 14, 2020 at 3:00 PM EDT (Electronic Bid Only)

Opportunities to participate exist in the following specific areas of soil and rock excavation, hauling, excavation support systems, ground freezing, deep foundation system(secant-piles), underground blasting, structural steel, engineering, survey, instrumentation and monitoring services, materials testing, demolition and site preparation, traffic control, sewer tap and sewer bypass pumping, A/C paving, environmental investigation, utility relocation, paving, fencing and gates, planting and seeding, retaining wall, geotechnical and structural instrumentation, secant piles, cast-in-place concrete structures, reinforcing steel, ground stabilization, rock-bolts, steel dowels, shotcrete, concrete finishing, mechanical steel pipe, ventilation HVAC, precast concrete shaft covers, temporary office buildings/services, Temporary electrical substation, waterproofing, service utilities, grouting, electrical services, pest control, IT services, waste disposal, cleaning services, and security services.

Any business seeking to participate as a MBE or WBE in the Contract that is not currently certified DBE by the EPA and the requirements set forth above should review **40 CFR 33.204-33.205, certified by EPA or City of Columbus, Office of Diversity and Inclusion at <https://www.columbus.gov/odi/>** as shown above to obtain current certification.

Shea-Traylor JV set up an FTP site where you can view all plans, specifications and addendums for your convenience. Please contact Steve Fiori at (909) 595-4397, Steven.Fiori@jfshea.com, to receive instructions on accessing the FTP Site.

Shea-Traylor JV, (An EEO Employer)

(J.F. Shea Construction, Inc. - Traylor Bros., Inc.)

667 Brea Canyon Road, Suite 22

Walnut, CA 91789

Phone: 909-594-0990 fax: 909-869-0827

Send Inquiries/Certifications to: **Steven Fiori: Steven.Fiori@jfshea.com**