

BUILDING NEWS

NCBE 'At Home' Scholarship Crab Feed & Auction



"I am honored to be a recipient of a 2021 NCBE Scholarship. I would like to express my sincere gratitude for your continued support to students who need it most."

Rachael Plaster, Student, Santa Rosa Junior College

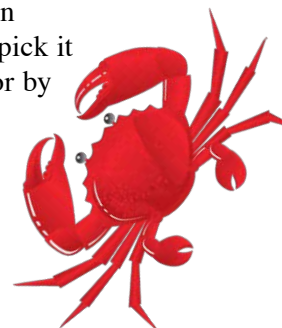
We get numerous thank you notes like the one above that speak volumes about the value of our NCBE Scholarship Program to young students in the area. Our second NCBE 'At Home' Scholarship Crab Feed and Auction this year is scheduled for Friday, March 4th and **we hope you'll help us this year by donating auction items and/or raffle prizes.** NCBE members always sponsor the Scholarship Program, and with the help of donations, the program has generated \$540,000 and invested in 1,115 students over the past two decades.

Popular donation items each year are bottles of wine, gift certificates for dinner, overnight stays at vacation houses or cabins, tools, gift baskets, unique collectibles, art, sculptures, tickets to sports events ... whatever you think people might bid on. We also know unique experiences and dinner gatherings are very popular.

We try to make the process simple: Just fill out the donation form on [page three](#) so we can give you the credit and recognition you deserve. You can send it to us or we'll be happy to pick it up. If you have any questions, contact Shelby Buchmann at membership@ncbeonline.com or by calling 542-9502.

Thanks for anything you can do. We thank you ... and so do the students from throughout Sonoma, Mendocino, Lake and Napa Counties who will benefit from your generosity.

(A reminder: the NCBE Community Fund, which provides the scholarships, is a 501 c(3) non-profit organization, so your donations are deductible. Our Federal ID number is 68-0454441.)



This Week

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North Coast Builders Exchange is a member of Generation Housing and we wanted to share their new report State of Housing 2022. The report only addresses the needs in Sonoma County not our entire membership area but we appreciate the data and analysis. It will take a community movement and focus to achieve the goal of 58,000 new units by 2030.

<https://generationhousing.org/state-of-housing-2022/>

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Seminars & Events

Fall Protection – Competent Person**Thursday, February 10th**

3 – 5 P.M.

Cost \$50 NCBE members

North Bay Construction Corps Application Deadline**Friday, February 11th****Presidents Day****Monday, February 21st**NCBE will be **closed** in observance of the holiday.**NCBE 'At Home' Scholarship Crab Feed & Auction****Friday, March 4th**

Reservations Required. Donations gratefully accepted.

Contact Shelby Buchmann at membership@ncbeonline.com**Legal Toolkit 2022***"Postponed Due to Health Concerns – New Date To Be Announced".*

Cost \$50 in-person NCBE members or \$25 via Zoom NCBE members

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North Coast Builders Exchange Annual Crab Feed Scholarship Fundraiser

Friday, March 4, 2022

Donation Form

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Contact Email _____ Contact Phone _____
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Auction Items & Raffle Prizes:

(All sponsorships and donations benefit the NCBE Scholarship Program.)

I'd like to provide a donation of the following item(s):

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Return this form to:

NCBE Community Fund, PO Box 8070, Santa Rosa, CA 95407 or email it to Shelby Buchmann at membership@ncbeonline.com.



February Anniversaries & New Members

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www.cats4u.net

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www.orourke-Electric.com

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www.adobeinc.com

Totorica Plumbing, Inc. Kelseyville

25 YEARS

John Thompson Enterprises Windsor

North Coast Tile & Stone, Inc. Santa Rosa
www.nctile.com

Hagemann General Engineering Bodega Bay
www.hgande.com

K G Walters Construction Co., Inc. Santa Rosa
www.kgwalters.com

10 YEARS

Damazio Excavating Petaluma

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www.selzerrealty.com

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www.m3-co.com

5 YEARS

Sean Hensley Plumbing Company Santa Rosa

Natural Stone & Tile Care Rocklin
natstonecare.net

1 YEAR

American River Bank Santa Rosa
www.americanriverbank.com

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www.kastinggeneralcontracting.com

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elmolinodrywall.com/

M.B.C. Construction Co., Inc. Ukiah
www.mbcconstructioninc.com/

Forster Heating & Air Conditioning, Inc. Auburn
www.forsterheating.com/

S&S Trucking Santa Rosa
www.sstrucks.com/



Applications for North Bay Construction Corps

Apply now – Deadline Friday, February 11th

Do you or your employees, either have or know a high school senior who is interested in a career in construction? Have them visit the North Bay Construction Corps website to fill out an application and learn more about the program.

www.constructioncorps.org



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OSHA pulls temporary vaccine rule, says permanent mandate is in the works

Kate Tomone Lead Editor, Construction Dive

The U.S. Department of Labor will withdraw its emergency temporary standard requiring COVID-19 vaccination or testing for workers at large employers but continue to pursue a permanent standard to that effect, according to a Federal Register notice scheduled to publish Wednesday.

The agency also on Tuesday asked the 6th U.S. Circuit Court of Appeals to dismiss judicial challenges to the emergency standard as moot. As of tomorrow, the ETS will no longer be in effect, it said, *“and petitioners will no longer be subject — or face any risk of being subject — to the challenged requirements from which they sought relief.”*

The agency was careful to note, however, that its withdrawal does not affect OSHA’s plan to make such a requirement permanent.

The withdrawal follows a Jan. 13 stay from the U.S. Supreme Court. Lawsuits questioned whether federal workplace safety law gives OSHA the power to enact such an emergency standard; finding that the challenges were likely to succeed on its merits, the court temporarily blocked the ETS just as it was taking effect.

Immediately following the high court’s opinion, Secretary of Labor Marty Walsh said in a tweet that OSHA *“stands by the Vaccination and Testing ETS as the best way to protect the nation’s workforce from this deadly virus: COVID-19.”*

MORE ON PAGE 7

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OSHA pulls temporary vaccine rule, says permanent mandate is in the works

FROM PAGE 6

Today's SCOTUS decision is a major setback to the health and safety of workers across the country. @OSHA_DOL stands by the Vaccination and Testing ETS as the best way to protect the nation's workforce from this deadly virus: COVID-19.

— Secretary Marty Walsh (@SecMartyWalsh) January 13, 2022

While the agency is now stepping back from its ETS — indicated by both the withdrawal and its court filings — OSHA was clear that its moves should not affect the non-emergency version of the mandate: *“Although OSHA is withdrawing the Vaccination and Testing ETS as an enforceable emergency temporary standard, OSHA is not withdrawing the ETS to the extent that it serves as a proposed rule [...] or otherwise affect the status of the notice-and-comment rulemaking commenced by the Vaccination and Testing ETS,”* it said.

According to a description of OSHA standards on the agency's website, emergency temporary standards are in effect until superseded by a permanent standard. They serve as a proposed rule, which *“is then subject to the usual procedure for adopting a permanent standard except that a final ruling should be made within six months.”* Such a timeline could make a final rule due around May.



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NEWS RELEASE**Release Number: 2022-10 Date: January 26, 2022**

Cal/OSHA Reminds employers to post 2021 annual summary of work-related injuries and illnesses on February 1

Oakland—Cal/OSHA is reminding California employers to post their 2021 annual summary of work-related injuries and illnesses, including those related to COVID-19, in a visible and easily accessible area at every worksite. The Form 300A summary must be posted each year from February 1 through April 30.

Instructions and form templates are available for download from Cal/OSHA's Record Keeping Overview. The overview gives instructions on completing both the log (Form 300) and annual summary (Form 300A) of work-related injuries and illnesses. The annual summary must be placed in a visible and easily accessible area at each worksite.

Employers that are required to record work-related fatalities, injuries and illnesses must record a work-related COVID-19 fatality or illness like any other occupational illness. To be recordable, an illness must be work-related and result in one of the following:

Death

Days away from work

Restricted work or transfer to another job

Medical treatment beyond first aid

Loss of consciousness

A significant injury or illness diagnosed by a physician or other licensed health care professional.

If a work-related COVID-19 case meets one of these criteria, then covered employers in California must record the case on their 300, 300A and 301 or equivalent forms.

Posting the summary helps ensure workers are aware of work-related injuries and illnesses that occurred the previous year. Current and former employees and their representatives are entitled to a copy of the summary or the log upon request.

The definitions and requirements for recordable work-related fatalities, injuries and illnesses are outlined in the California Code of Regulations, Title 8, sections 14300 through 14300.48. Employers are required to complete and post the Form 300A even if no workplace injuries occurred.

Many employers in California must also comply with electronic submission of workplace injury and illness records requirements by March 2nd each year. Cal/OSHA has posted details on which employers are required to submit the electronic reports as well as other information online.

The California Division of Occupational Safety and Health (Cal/OSHA) is the division within the Department of Industrial Relations (DIR) that helps protect California's workers from health and safety hazards on the job in almost every workplace. Cal/OSHA's Consultation Services Branch provides free and voluntary assistance to employers to improve their safety and health programs. Employers should call (800) 963-9424 for assistance from Cal/OSHA Consultation Services. Workers who have questions about COVID-19, heat illness prevention or wildfire smoke protections can call 833-579-0927 to speak with a Cal/OSHA representative during normal business hours. Complaints about workplace safety and health hazards can be filed confidentially with Cal/OSHA district offices.

Contact: Communications@dir.ca.gov, (510) 286-1161

The California Department of Industrial Relations, established in 1927, protects and improves the health, safety, and economic well-being of over 18 million wage earners, and helps their employers comply with state labor laws. DIR is housed within the Labor & Workforce Development Agency

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5 Ways contractors can use behavioral economics to their advantage

Understanding how and why homeowners make decisions can help you achieve your business goals. Here's how.

Shashi Bellamkonda

While economists expect consumers to perform rational actions while purchasing goods and services, Nobel Prize-winning economist Richard H. Thaler in his book *"Misbehaving: The Making of Behavioral Economics"* narrates how, in the mind of economists, consumers *"misbehave"* i.e. do not behave in a rational manner that economists expect.

The University of Chicago describes the idea of behavioral economics as combining *"elements of economics and psychology to understand how and why people behave the way they do in the real world."* Understanding how consumers, AKA your customers, make decisions can also help you push them toward a specific decision.

Here are a few ways, taken from Thaler's book, that home improvement contractors can use to influence homeowners into making a decision in the contractor's favor.

1. Information: Educating consumers to help them with their home improvement decision

Calling it the Binmore Continuum, Thaler said consumers make better decisions with practice. Consumers can understand a good deal with familiar things that they buy often, such as grocery items, and get it right. But for big decisions that consumers make once or twice in their lives, such as buying a home, getting a mortgage, a new job, or a large home improvement project, consumers often don't have many opportunities to learn or practice.

[MORE ON PAGE 11](#)



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5 Ways contractors can use behavioral economics to their advantage

FROM PAGE 10

They may seek other non-biased experts' opinions to help them make that decision. You can be that expert and help homeowners decide to go with you by providing them with enough resources and detailed information to help them make the decision.

2. Make it Easy:

If you want someone to do something, make it easy for them

In a UK experiment, the government wanted to encourage more people to insulate their attics to save energy consumption. In a first attempt, incentives were offered for people to insulate their attics, but there were not many takers.

This was because the attics had a lot of clutter that the homeowners had to clean before embarking on insulating. When attic contractors offered a low-cost cleanup special as an add-on for homeowners to prepare for insulation, more people agreed.

Remove the barriers that prevent the homeowners from not making a decision, also referred to as “unfreezing.” Sometimes it is as easy as adding a checkbox to your electronic contract.

3. Nudges: Using choice architecture

Thaler came up with his idea called nudge theory to describe how people, or more specifically, companies and organizations, can influence behaviors to their desired outcome by carefully and purposefully labeling or selecting rules.

“A nudge can be any form of choice architecture that alters people’s behavior in a predictable way without restricting options or significantly changing their economic incentives,” Thaler explains. *“To count as a mere nudge, the intervention must be easy and cheap to avoid.”*

And if contractors have a goal for wrapping up interior remodeling projects on time, you need homeowners to be prepared. A low-cost method such as text updates, for example, on the project team’s arrival and schedule will help homeowners prepare for your team and ultimately save time. Easy and cheap.

MORE ON PAGE 12

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5 Ways contractors can use behavioral economics to their advantage

FROM PAGE 11

4. Bonus Ahead: Provide a promised reward upfront

Another experiment that was successful for economists and that contractors could try is to give a bonus to your team ahead of the project, which will be returnable if the project is not completed on time (under circumstances that they can control).

5. Payments: Set a standard

Adding a line in your invoice on the lines of “A majority of our customers pay their invoices within three days” or similar, depending on your company’s performance with payments.

The sentiment helps your customers understand that most people pay on time and they would not want to be in the group that doesn’t.

Shashi Bellamkonda, Speaker and Digital Marketing Expert, known by many as the “social media swami,” is VP, Marketing at Leap (Leaptodigital.com) and teaches Digital Marketing Strategy and Marketing Analytics at Georgetown University.

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Compact battery electric machines gain ground in construction

While not yet mainstream, battery-electric compact machines prove they are here to stay in the construction industry.

Curt Bennink, For Construction Pro's

Over the past several years, manufacturers have teased battery electric compact machine prototypes at major industry shows. But until very recently, the availability of actual production machines was very limited. That is changing, and you may want to take note as these machines can offer unique advantages in specific applications.

"We believe market acceptance is already there now for those specific uses where diesel's emissions, noise and fuel storage requirements present health, noise and environmental risks," says Joe Schinasi, Kovaco Electric. Such scenarios include interior construction, agriculture and livestock, tourism, resorts, etc. *"In these applications, electric equipment is clearly advantageous."*

"That said, we believe it may take another five to 10 years for electric heavy equipment to overtake diesel as a percentage of sales as there are some lingering dependencies that still need to be addressed," he notes, such as battery technology, cost of batteries, charging infrastructure, buyer comfort level with electrical equipment, etc. *"As it did with electric passenger vehicles, government incentives and regulations may help to expedite adoption of electric heavy equipment."*

But potential customer concerns must be addressed. *"For electric equipment to become the norm, machines need to be designed and proven to overcome the main concerns voiced by skeptical buyers around energy capacity, performance and price,"* says Lars Arnold, product manager electromobility, Volvo Construction Equipment.

Volvo's initial efforts to gain customer acceptance are focused on battery-powered compact wheel loaders and excavators. *"We started with compact machines in our electrification journey because they are versatile and in high demand, and the current battery options work best on smaller machines for now,"* says Arnold. *"For larger machines, it can be a mix of solutions like energy recuperation, fuel cells, cable electric and alternative fuels."*

"In five to 10 years, all new Volvo compact excavator and wheel loader models will likely be electric," he predicts. *"We are also looking into electrification of other machine types. Electrifying larger machines remains a challenge, but it's one we're actively seeking solutions to."*

MORE ON PAGE 14

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Compact battery electric machines gain ground in construction

[FROM PAGE 13](#)

Full-sized models will likely be a mix of diesel, hybrid and electric by the end of this decade.”

A Holistic Approach

A holistic approach is necessary when comparing electric machines to their diesel-powered equivalents.

“Electric machines do have a higher purchase price than their diesel equivalents, but the total cost of ownership should be considered when evaluating them, including the fuel savings and extended component life of not having an engine, which reduces overall maintenance costs,” says Arnold. “The state of the art lithium-ion batteries and electric motors are totally maintenance-free. The lifetime of the battery electric components should be equal to or better than that of the diesel engine on a conventional machine.”

Battery technology continues to progress, as well. *“The lithium-ion technology used in our batteries is far superior to the old lead-acid or nickel-cadmium technology we sometimes think of in electric vehicles,” says Arnold. “Volvo’s advanced batteries have no memory effect, and they experience less loss of power in cold temperatures. With a 12V lead-acid car battery, the capacity is drastically reduced as soon as it gets cold. That’s less the case with these batteries.”*

Electric machines also add value by targeting new work segments. *“Having a zero-emissions machine could give contractors an advantage when bidding on jobs with sustainability targets or indoor work,” says Arnold. “Their lower noise levels could allow them to be used when noise restrictions are in place, like night work in densely populated areas. And we’re constantly hearing of other niche applications unsuitable for conventional diesel machines where an electric excavator or wheel loader can get the job done.”*

Residual value is another consideration. As Arnold explains, *“With diesel construction equipment, operating time is defined by the engine run time, and a lot of hours are counted while the machine is idle. With electric, as soon as the operator stops working (e.g., waiting for pipe to be placed in a trench he’s just dug), the motors turn off and no operating hours are accumulated. Jobs that can rack up 10,000 hours on a diesel machine might only add 6,000 or 7,000 hours to a comparable electric machine. These saved hours lower operating costs, and in turn lower total cost of ownership. They help improve resale value, too.”*

Addressing Battery Life

One performance criterion that remains an unknown is battery life. *“We don’t yet know how long the batteries will last in electric construction equipment because the*

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Compact battery electric machines gain ground in construction

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machines are so new, but we estimate the battery could last somewhere around 10 years,” says Arnold. “It’s hard to say what costs will be by then. In these early stages of use and further development, charging time and battery life have the most room for improvement. We are continuing to research, develop and provide a wider range of charging options.”

“As electric vehicles continue to roll out into the market, improved charging infrastructure will follow suit,” he predicts. “The battery technology used in our equipment is very similar to, if not the same as, what’s used in electric cars and pickup trucks. As battery technology advances, similar updates will be implemented in construction equipment.”

Schinasi shares a similar view on battery innovation. *“The primary technical challenges we, and our customers, face is battery run time duration and battery charging. This is the heavy equipment equivalent of ‘range anxiety’ in electric cars. Will the battery last for the duration of the work shift? Will there be an appropriate power supply on site to charge it (e.g., single phase vs. three phase)? How long will the battery take to charge? These are questions we hear frequently,” he comments. “Currently, [Kovaco addresses] these issues by offering a variety of battery and charging options to accommodate most use cases.” But this creates the related challenges of managing multiple offerings and suppliers.*

Volvo Leads Charge

Volvo is leading the charge in the battery electric vehicle (BEV) sector with five compact, battery-powered construction options in its lineup, including the L20 Electric and L25 Electric wheel loaders, and the ECR18 Electric, E18 Electric and ECR25 Electric compact excavators.

“In everything that we have seen so far, our electric machines offer performance levels similar to or better than their conventional diesel equivalents,” states Arnold. “For example, the ECR25 Electric compact excavator has a digging depth of 9 ft.

1 in. and a breakout force of 5,020 lbf. The L25 Electric compact wheel loader has a full-turn tipping load of 3.7 tons, a dump height of 8.2 ft. and a 4,409-lb. payload fork load capacity.

“The few exceptions are a slight increase in continuous motor power and a marginally higher operating weight for the ECR25 Electric excavator,” he notes. “And for the L25 Electric wheel loader, it too has a marginally higher operating weight and a higher static tipping load compared to the diesel model.”

But performance is about more than specs. *“Contractors already using Volvo electric machines are reporting that they can’t tell the difference when it comes to performance,” says Arnold.*

“Over the three months we tested [the Volvo electric compact equipment], these machines performed exceptionally, matching what we would expect from a diesel machine of equal size but with no emissions,” says Jacques Marais, director, Baltic Sands.

Kovaco Electric Offers Skid-steer and Mini Loader Options

In 2015, Kovaco Electric brought the Elise 900, the first fully electric skid-steer loader, to market. It offers up to six hours of operation with a 240-Ah battery or eight hours with a 400-Ah battery. The power equivalency compared to conventional skid steers is 30.8 hp with 240-Ah battery and 52.3 hp with 400-Ah battery. The unit is driven by three electric motors, two of which are used for travel and one for the hydraulic system only.

“Per our own internal calculations, Kovaco Electric estimates that a heavy equipment operator could save nearly \$18,000 over 3,000 hours if they used our Elise 900

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electric skid-steer loader over a comparably priced and comparably spec'd diesel skid steer," says Schinasi. "This represents a roughly 75% savings in fuel and maintenance costs. An online search indicates that the average skid-steer lifespan is 5,000 hours. With proper care and maintenance, our batteries should outlast that. Kovaco Electric batteries can provide 1,700+ charges up to 80% capacity, and therefore should last for the lifespan of the loader."

The company also offers the MiniZ compact track loader. "The Kovaco Electric MiniZ compact track loader's electric battery options are priced nearly identical or at a slight premium compared with diesel engine counterparts," says Schinasi. "While the initial investment may be slightly higher, the operational costs and maintenance savings over the life of the machine more than justify the initial capital expenditure premium."

"When compared against loaders in the same class, the MiniZ electric loader performs similarly to comparable diesel mini loaders with significantly lower operational costs," says Schinasi. "Our machines also offer features

that comparable diesel machines do not, including remote-controlled operation, instant torque, low noise and many other benefits. These features introduce a whole new world of potential applications where traditional diesel machines could not be used."

"One example is landscaping applications in the early morning. Diesel equipment is very loud and noise ordinances may prevent early morning use," he comments. "In contrast, the MiniZ is very quiet and could be used for early morning landscaping and applications with minimum disturbance."

Doosan Bobcat Rolls Out All-electric CTL

Doosan Bobcat unveiled its all-electric Bobcat T7X compact track loader (CTL) at the Consumer Electronics Show 2022 in Las Vegas on January 4. This CTL is the first machine of its kind to fully eliminate all hydraulics and components, resulting in a machine that is 10 times quieter than its diesel-hydraulic equivalent.

The unique design of the T7X has nearly 50% fewer parts than the diesel-hydraulic version. The traditional hydraulic work group has been completely replaced with an electrical drive system consisting of electric cylinders and electric drive motors, which means virtually no fluids. Only one quart of eco-friendly coolant is required compared to 57 gal. of fluid in the equivalent diesel-hydraulic model. The

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machine promises to lower daily operating costs when considering the reduction in annual maintenance costs and elimination of diesel, engine oil, diesel exhaust fluid and hydraulic parts.

“The machine is fully battery powered and is designed to outperform its diesel counterparts,” says Joel Honeyman, vice president of global innovation, Doosan Bobcat. “The machine is more intelligent and productive with electric propulsion. It’s quiet with high-performance torque, and it’s more powerful than anything that has come before — all while eliminating carbon emissions.”

The T7X’s electric platform enables instantaneous power and peak torque to be available at every operating speed. There is no delay for a standard hydraulic system to build up power. The machine draws power from a 62-kW lithium-ion battery developed with Green Machine Equipment Inc., Doosan Bobcat’s technology partner.

“The intelligence of the power management system is programmed to sense when loads are increasing,” says Honeyman. “It automatically backs off power when not needed, so it preserves energy and runtime. Unlike its diesel counterpart, this electrically-powered machine and power management technology only consume energy when it is at work.” While the exact run time will vary by application, the use of intelligent work modes can allow up to four hours of continuous operation time and a full day of operation during intermittent use.

Two-way telematics communication provides integral data about the performance of the machine, along with operator-focused data to change machine preferences, tune the performance to certain job situations and upgrade product features. This includes variable drive speed at full torque and other features not possible with a diesel-hydraulic machine.

“We employ different work modes that we’ve developed through software, depending upon the task, to help conserve battery power,” says Honeyman. “We have an Eco mode, an Advanced mode and even a Beast mode, which provides short bursts of full instantaneous torque to the drive system when needed.”

Doosan Bobcat collaborated with Moog Inc., a worldwide developer of motion control components and systems, to speed up the pace of research and development of the electronic control capabilities of the T7X. *“Like Doosan Bobcat, we believe that electrification, automation and connectivity go hand in hand,”* says John Scannell, chairman and CEO, Moog Inc.

The removal of the hydraulic system will require a different approach from the attachment side. Bobcat will introduce a line of all-electric attachments. The first to be developed include an electrically-powered auger, an angle broom and a grapple.

The T7X appears to have critical support from one of the leaders in the rental industry. Sunbelt Rentals, which has more than 1,025 locations in North America, has entered into a strategic partnership to make a significant investment in a large fleet of Bobcat T7X CTLs and electric compact excavators, which will be co-branded and made available in 2022 and beyond. Sunbelt Rentals will be the first national equipment rental company to adopt Bobcat’s battery electric technology and make it available to customers, supporting the environmental, social and governance focus for both companies.

KATO-CES Allows Customers to Cut the Cord

KATO-CES offers two models of battery electric mini-excavators — the 9VXB with a 5-ft. 2-in. digging depth and a bucket force of 2,360 lbs., and the 17VXB with a 7-ft. digging depth and a bucket force of 3,687 lbs. The machines utilize a standard hydraulic system so you can still run the same attachments as the diesel versions.

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Compact battery electric machines gain ground in construction

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"There is a demand and there is a market, and it's growing," says Bart DeHaven, KATO-CES. *"Right now, it is more of an indoor and confined space application."* This includes any applications with food or pharmaceuticals where the customer wants a strictly controlled environment.

Machine specs are very similar to the diesel equivalents. *"The electric unit is a little heavier than the diesel unit, but it is still the same dig depth,"* says DeHaven. *"The only drawback to these machines is run times. On a diesel machine, all you have to do is make sure it has diesel in it and you can run it for 24 hours a day, seven days a week."* But the electric machines require a charge time. *"You have to charge it eight to 12 hours to get eight hours out of it."*

The biggest concern with a battery machine is charging it correctly. *"You cannot let it sit for two or three months and not charge it,"* says DeHaven. *"The onboard computer system will slowly drain the battery."* The onboard computer is running almost all the time to allow modern telematics services and diagnostics.

Battery power takes the lead, however, when it comes to maintenance and related costs. With diesel, you have to check the air filter, the oil level, the coolant level, etc... *"When you are using an excavator with a battery, all you have to do is check the LED light screen for the charge state,"* notes DeHaven. *"With batteries, you are not worried about the DPF filter getting stopped up or putting bad diesel fuel in it."*

In terms of battery life, it appears to compare favorably to diesel power. *"Right now, the life should be longer than what you get out of a diesel engine,"* says DeHaven. But there are outside influences such as the weather where the machine is utilized and the way the customers charge the batteries.


KATO-CES has offered plug-in electric versions of these machines for a number of years. *"Some of the same customers who were using the electrics for years are the ones who are going after the battery machines,"* DeHaven notes.

"Most of the rental customers are realizing that the battery is the way to go," says DeHaven. The plug-in electric has more limitations. *"You can only run 200 or 300 ft. of the cord the machine comes with before you have to go up in size, because from the power source — single-phase 230 volts or three-phase 480 volts — there is an amperage drop ... the further you get away from that power source."*

"With the battery machine, they can do whatever they want as long as it is charged," he continues. *"You are not worried about somebody running over the cord or damaging the cord. It takes the cord completely out of it as far as when they are operating the machine. We don't sell as many electric plug-in machines because the battery machines have taken that market over."* But there is a learning curve. Education is required regarding the charging process and when to plug the machines in.

Currently, cost is one of the biggest limiting factors in wider adoption of battery power. *"The research and development on them is very expensive,"* says DeHaven. This results in a much higher initial purchase price. *"If you go machine to machine, the battery [version] is about double the same model, same class of diesel machine. A lot of that has to do with the cost of the battery technology itself. The costs will come down, but I don't know if they will ever go down to where they are [equivalent] cost-wise with a diesel machine."*

"There is a growing need [for battery machines] in the U.S. market. It's going to continue to grow," he predicts. But currently, they are still a specialized tool. *"I think there is always going to be a place for the diesel machine, but I also think there is a place for the battery machines. I just don't think right now, with the cost being so much more and the run time constraints, that they are going to overtake diesel anytime soon."*




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3 Ways to better align safety and security

Cyberattacks on operational technology put people, equipment, production capacity and the environment at risk. Here's what you need to know to protect your organization.

George Schuster

Cyberattacks no longer impact just the IT environment. As operational technology (OT) systems in production environments have become more connected, cyberattacks on those systems have put people, equipment, production capacity and the environment at risk.

Back in 2014, cyber attackers were able to gain access to a steel mill's network by hacking the company's email to steal login information. After the hackers gained access to the mill's network, workers lost control of a blast furnace containing molten metal heated to over 1,000 degrees Fahrenheit. The attack caused a massive amount of damage to the facility. Thankfully, no one was injured, but if the hack had escalated, the risk to workers could have been catastrophic.

In February 2021, cyber attackers hacked a Florida wastewater treatment plant's computer system and increased the levels of sodium hydroxide in the water from 100 parts per million to 11,100 parts per million. Luckily, a plant manager noticed the hack as it happened and was able to return the system to normal before it caused damage or endangered the public. If it had gone unnoticed,

residents of Oldsmar, Fla., and surrounding communities would have suffered severe consequences, such as burns to the mouth, throat, eyes, lungs, esophagus, nose and stomach, resulting in permanent damage or death.

The increasingly interrelated nature of safety and security in today's connected production environment means that these two elements must be addressed together. But how do you make the necessary changes to align two areas of risk management that have historically been managed separately? Given that safety and security are both reliant on people, processes and technologies, there are tremendous opportunities for your organization to improve efficiencies and effectiveness by bringing together efforts in the following three areas.

People: Foster Safety and Security Collaboration

Understanding and addressing your security-based safety risks require a combination of safety and IT expertise. Therefore, better collaboration is needed between your EHS, IT and operations teams. They must

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work together to develop safety and security objectives; identify vulnerable assets and critical safety data requirements; and conduct risk assessments that address both safety and security risks.

In our work with organizations in this area, we've identified several best practices for how teams can collaborate in meaningful ways for their organizations. As you get started in this area, we recommend the following:

First, identify common goals between the disparate teams, such as reducing costs associated with production interruptions, injuries or non-compliance, or damage to brand image.

Second, cultivate a common language by using terms such as “risk assessment,” “risk mitigation,” “layers of protection,” “validation protocols” and more.

Third, agree on shared ways to measure success through key performance indicators (KPIs). Examples of KPIs common to both safety and security risks include unscheduled asset downtime, supply chain interruptions and costs of noncompliance.

Fourth, develop a response plan that includes continuous improvement measures to enhance both defenses and response.

Fifth, identify proactive measures that could identify vulnerabilities before an attack or accident occurs. This

includes architecture and technology reviews, assessments, system validation/analysis, testing and more.

And, finally, establish leadership and executive accountability for risk management. This often involves members of the legal and compliance teams who are well-versed in management of many risk types.

Bringing together these critical teams can help your organization cultivate an enterprise-wide mindset that prioritizes safety and security as integral pillars to helping achieve operational excellence and business performance.

Process: Leverage Industry Standards and Methodologies

Addressing safety through security is no longer just an aspiration—it's a matter of compliance. Standards now provide formal guidelines for addressing safety in the context of security.

The functional safety standard IEC 61508, for instance, states that hazards associated with equipment and control systems must be determined under all reasonably foreseeable circumstances. According to the standard, *“This shall include all relevant human factor issues and shall give particular attention to abnormal or infrequent modes of operation of the EUC [equipment under control]. If the hazard analysis identifies that malevolent or unauthorized action, constituting a security threat, as being reasonably foreseeable, then a security threats analysis should be carried out.”*

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For cybersecurity, the ISA/IEC 62443 standard defines requirements for implementing electronically secure industrial control systems. They apply to any organization that designs, manufactures, implements or manages these systems. This includes not only product and service providers, but also system integrators and asset owners that do their own integration and maintenance of control systems.

Fortunately, safety and security share common risk management methodologies that come from interrelated safety and security standards that take a lifecycle approach to assessing and mitigating risk. Security guidance also comes from the National Institute of Standards and Technology (NIST) cybersecurity framework, which organizes basic cybersecurity activities into functional levels. The ISO 12100 functional safety lifecycle helps maximize productivity and improve safety with steps required to assess and mitigate machinery risks.

Each process begins with a proactive and methodical approach based on the specific standards. Generally, this involves asset analysis to identify any safety hazards or security vulnerabilities in your systems. The next step for both processes involves analyzing and mitigating potential failures in the design stage. For security, this entails developing an architecture that thwarts and detects security attacks. For safety, it's devising a system that can account for failures of technology and human errors.

Your organization can implement a companywide risk management strategy to manage security threats and vulnerabilities, and their potential implications for safety. Two assessments are essential to this strategy:

A safety risk assessment to confirm compliance with standards, including IEC 61508 and ISO 12100, which

addresses standard operating functions and all human-machine interactions.

A security risk assessment that describes the overall security posture regarding software, network, control system, policies and procedures, and even employee behaviors. It also should outline what steps must be taken to achieve the desired level of security.

Your EHS and IT teams can complete these assessments on their own or use a collaborative partner with expertise in both safety and security. A partner can identify blind spots that might be overlooked by an internal team that is involved with the systems and networks day in and day out. Working together, a plan can be developed that helps your team comply with the standards of today and prepares your organization for tomorrow. And, most importantly, an external partner can help you best identify and address potential safety risks that could result from the security threats facing your company.

Aligning safety and security processes using these similar, standards-based methodologies can help your company address safety and security risks together. Ultimately, this will create a more compliant work environment.

Technology: Secure Safety Equipment

Modern safety equipment is increasingly connected and programmable. Safeguarding the equipment from threats that could compromise the system is critical.

To help protect safety equipment against cyberattacks, you need a defense-in-depth security approach that uses multiple layers of defense. Two of those layers can include CIP Security and CIP Safety, which can be combined to provide a robust, certified basis for achieving safety and security in industrial automation control systems.

CIP Security is an extension of the Common Industrial Protocol (CIP). It helps protect devices by rejecting potential threats, including altered data, messages sent

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by untrusted people or devices, and messages requesting actions that aren't allowed.

CIP Safety is also a CIP extension and provides fail-safe communication between nodes such as safety input/output blocks, safety interlock switches, safety light curtains, safety controllers and robots. It helps protect communication-transmission integrity by detecting errors and allowing devices to take appropriate actions.

Safety devices with CIP Safety also make possible a smarter approach to safety in production environments. For example, the devices give users access to diagnostic data that can provide insights into common failures or misuse and can help improve productivity.

While this may seem complicated, your team does not have to do this alone. A services partner can help you create a reliable and secure network infrastructure. This strategic partnership can combine the correct knowledge and expertise needed to provide a holistic approach that can help you design, deploy and manage a network infrastructure that is central to your enterprise.

Case Study: Chemical Company Addresses IT and OT Risks

COVID-19 has forced companies to find new ways to manage safety and security while keeping operations running smoothly.

For one Latin American chemical company, it needed to implement a greenfield project during the pandemic. Due to the significant increase in the number of employees working from home to protect employee health and safety, the company needed a safe and secure solution for employees and suppliers to access their IT/OT network remotely to support the implementation. As part of this

process, the company needed the ability to monitor and audit remote interactions with the site's industrial control system by operations while maintaining system reliability and reducing risk of potential cybersecurity incidents.

By deploying secure remote-access solutions and a pre-engineered virtualized environment solution, the company was able to:

Complete the greenfield project using secure remote access for implementation.

Reduce overall cybersecurity risk to the corporate and OT networks.

Simplify control and monitoring of all OT remote access sessions and increase system reliability.

Improve workforce efficiency with reduced travel needs and improved systems support coverage.

Protect employee safety by reducing the number of people on-site.

Navigating Change

Implementing change to bring together safety and security can seem intimidating. But a planned, holistic approach that encompasses people, processes and technologies can bring these two entities together as part of a larger companywide risk management strategy. And if you have strained resources, or don't know where to start on an effort like this, a partner with industrial safety and security experience can help you address your specific security-based safety challenges.

George Schuster, TÜV functional safety expert (FSExp), TÜV cyber security specialist (CySec), joined the Rockwell Automation Industry Solutions Team as a senior industry specialist in 1997. In this position, he has provided controls and safety-application consulting in the areas of advanced process development and system integration. He has also been involved in the development of control system solutions, safety systems and services business development.

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Capitol Connection Q&A for Contractors

By Shauna Krause
Capitol Services, Inc

One way good as another? Not in contractor licensing! Another contractor also sends me an 'SOS', then we do a 'double take' on LLC licenses in Arizona...

Q: We have a new entity being set up for the purposes of obtaining a Contractor's License, I will be the Qualifier as I have been previously licensed. I'm telling the legal team that it is permissible to have Owners who are not associated with the Contractor's License in any way. The attorneys are claiming all Owners of the entity need to be disclosed with the Secretary of State, and in turn be included on the license application. Can you enlighten us as to the correct procedure?

A: You are both correct in a way. You are permitted to have Owners who are not associated with the Contractor's License. However, if you choose to disclose/list those

Owners with the Secretary of State, they also must be listed on the Contractor's License. Either way is acceptable.

Q: I have been reading your articles and have read several times about the need to have the Personnel listed with the Secretary of State (SOS) match what the CSLB has in their records. We currently have three Vice President's (VP) and are adding one more to the list. We have all our current VP's listed on our CSLB license but do not have them on our Secretary of State records. Is there a second form we should be filling out to add VP's to the SOS records?

A: Vice Presidents are not required to be listed with the Secretary of State, so it is acceptable to have those individuals reflected on your license without having them listed with the SOS.

Q: I have a question regarding Arizona Contractor's Licensing. We are currently looking into acquiring a company which operates in Arizona under two different Limited Liability Company, or LLC's, with a single license

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More Information at graniteconstruction.com

Construction : (707) 467-4107

Material Sales: (707) 467-4147

NorthCoast@gcinc.com

GRANITE™

Capitol Connection

FROM PAGE 24

holder. They do Plumbing and HVAC work. We would like to roll both entities into one LLC, but we weren't sure if the same entity can be licensed with different dba's?

A: An LLC can operate under the same entity, under two different license numbers, each with their own 'doing business as'(dba), as long as each license is holding a different classification. So, using the classifications you mentioned, it could be something like this for example: License #1234 belongs to ABC LLC dba ABC Plumbing, and it holds a plumbing license. License #5678 belongs to

ABC LLC dba ABC Heating and Air. Two licenses, separate numbers, separate classifications, but they belong to the same entity and utilize the same qualifier. One entity cannot operate under two different dba's in AZ with the same classification attached to each.

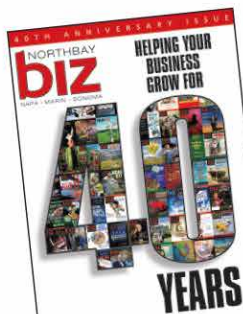
While knowledge is power, knowing where to go for the answers is half the battle. Get expert assistance immediately when you call 866-443-0657, email info@cutredtape.com, or write us at Capitol Services, Inc., 3609 Bradshaw Rd, Ste H, #343, Sacramento, CA 95827. Search past columns at www.cutredtape.com.

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Classified Ad Listings – Free to NCBE members

HELP WANTED

PLANNER I, II, & III – TIME-LIMITED

\$5,054 - \$8,524/mo* For more information, including minimum qualifications, & to apply, visit, www.yourpath2sonomacounty.org or call 707-565-2331. EOE **Apply by 02/21/22**

SENIOR FAIRGROUNDS MAINTENANCE WORKER

\$4,421 - \$5,372/Monthly* Do you have a valid Class C driver's license and experience in semi-skilled building and grounds maintenance work? Apply today to join our team as a Senior Fairgrounds Maintenance Worker at The Sonoma County Fairgrounds! Starting salary up to \$30.89/hourly (\$64,471/annually), a cash allowance of \$600/month, and a competitive total compensation package! For more information, including minimum qualifications, & to apply, visit, www.yourpath2sonomacounty.org or call 707-565-2331. EOE **Apply by 2/07/22**

SONOMA WATER COORDINATOR - ELECTRICAL, INSTRUMENTATION, AND CONTROL SYSTEMS

\$11,411 - \$13,870/Monthly* The Sonoma County Water Agency (Sonoma Water) is seeking an enthusiastic and collaborative Coordinator to support the Sonoma Water's electrical, instrumentation, and control systems! *Salary is negotiable within the established range. For more information, including minimum qualifications, & to apply, visit, www.yourpath2sonomacounty.org or call 707-565-2331. EOE **Apply by 2/14/22**

MAINTENANCE WORKER I

\$3,642 - \$4,426/Monthly* Build your career with the County of Sonoma as a Public Works Maintenance Worker! Starting salary up to \$25.45/hour (\$53,117/year), a cash allowance of \$600/month, and a competitive total compensation package! *Salary is negotiable within the established range. For more information, including minimum qualifications, & to apply, visit, www.yourpath2sonomacounty.org or call 707-565-2331. EOE **Apply by 2/9/22**

INTERIOR FINISH CARPENTERS

Looking for journeyman and apprentice carpenters for interior finish carpentry - installing doors, trim, cabinets, hardware etc... Work is in Sonoma County. Wage negotiable. Contact Dave at dhfinish@gmail.com for more information.

FOR SALE

WACO & SAFEWAY SCAFFOLD, 5' x 5' Ladder-type frames \$50 each. 50 frame minimum purchase. Great shape. Call (707) 578-1160

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Santa Rosa, CA 95409

707-527-3838

info@hybridprefabhomes.com



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Ad Size	Ad Type	Weekly NCBE Member	Weekly Limited-Member*	Quarterly NCBE Member	Quarterly Limited-Member*
3.5" x 2"	Horizontal Business card	\$15	\$31	\$195	\$403
3.5" x 4"	Horizontal Front/Back Business card	\$30	\$61	\$390	\$806
2" x 3.5"	Vertical Business card	\$15	\$31	\$195	\$403
4" x 3.5"	Vertical Front/Back Business card	\$30	\$61	\$390	\$806
3.5" x 5"	1/4 Page Vertical	\$46	\$92	\$598	\$1,196
7.5" x 5"	1/2 Page Horizontal	\$92	\$185	\$1,196	\$2,405
7.5" x 10"	Full Page Vertical	\$185	\$370	\$2,405	\$4,810

Sub Bid Ad

3" x 3.5"	Sub-Bid (E.O.E. ad)	\$24	\$48
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Classified Ad (NCBE Members only)

35 words	Text only (3 week maximum)	FREE	Not available
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Ad Deadline – We need to receive your ad by Wednesday 5 P.M. to be included in the next publication.

Ad Requirements – A full-size, high-resolution (200ppi) pdf or jpeg file. We can resize your ad for you, if needed.

Building News is a weekly publication., emailed to its members on Monday morning.
For any questions, please email [Deb Rourke](#) at NCBE, or call (707) 542-9502.

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Viewing the Plan Room section of *Building News* is reserved for members of the NCBE.

This section includes local construction information and plans available in NCBE's online plan room, plus:

- City/County Notices
- Projects Out to Bid
- Septic Permits
- Building Permits
- New Projects
- Legal Notices

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**If you are interested in becoming a member of the North Coast Builders Exchange, please call:
(707) 542-9502.**



ROSS VALLEY SANITARY DISTRICT

2960 Kerner Blvd., San Rafael, CA 94901
Tel. 415-259-2949 | Fax 415-460-2149 | www.rvsd.org

January 26, 2022

SUBJECT: Invitation to Licensed Contractors For Inclusion in List of Qualified Bidders for Informally Bid Construction Projects

To Whom It May Concern:

Pursuant to section 1.04.01 of the Uniform Public Construction Cost Accounting Act, the Ross Valley Sanitary District is providing notice that that it is inviting all licensed contractors to submit the name of their firm to info@rvsd.org or mail to : 2960 Kerner Blvd., San Rafael, CA 94901. Contractors MUST submit the following information to be included in the list:

- The name and address to which a Notice to Contractors or Proposal should be mailed, faxed, or emailed.
- A phone number at which the contractor may be reached.
- The type of work in which the contractor is interested and currently licensed to do (earthwork, pipelines, electrical, painting, general building, etc.).
- The class of contractor's license(s) held.
- The contractor license number(s).

Please contact me should you have any questions. I can be reached at (415) 259-2949, ext. 212.

Sincerely,

Phil Benedetti

Digitally signed by Phil Benedetti
DN: C=US,
E=pbenedetti@rvsd.org, O=Ross
Valley Sanitary District, CN=Phil
Benedetti
Date: 2022.01.26 12:02:45-08'00'

Phil Benedetti, P.E.
Associate Engineer



415.457.8811
www.marin.edu

Kentfield Campus
835 College Avenue
Kentfield, CA 94904

Indian Valley Campus
1800 Ignacio Blvd
Novato, CA 94949

January 19, 2022

To Whom It May Concern:

The Marin Community College District (MCCD) has adopted the California Uniform Public Construction Cost Accounting Act (CUPCCAA) and Informal Bidding Procedures under CUPCCAA.

This notice is an invitation to all licensed contractors/vendors to submit the name of their firm or update their firm's business profile for inclusion on MCCD's list of qualified bidders for the 2022 calendar year. All current registered vendors must click the edit button at the bottom right whether there are changes or not to acknowledge that their firm should be included on the qualified bidder list for the 2022 calendar year.

To receive Notices or Proposals, contractors need to be registered with the District's vendor portal, PlanetBids at: <https://www.planetbids.com/portal/portal.cfm?CompanyID=39469>. The PlanetBids system allows interested suppliers, contractors, and service providers to register online and receive automated email notifications of solicitations (Bids/RFP/RFQ) for goods and services pertinent to their business, as well as allowing registered vendors to download bid documents, receive addenda, submit electronic bids, and view bid results through the PlanetBids system. Both formal and informal solicitations will be processed through this system.


Vendors are responsible for registering and maintaining up to date and accurate business profile information in the PlanetBids system. Vendors may edit their profile information at any time.

Sincerely,
David L. Erlenheim
Buyer
Marin Community College District
Phone: (415) 884-3162
E-mail: buyer@marin.edu

College of Marin Vendor Registration

College of Marin (COM) Vendor Portal is powered by PlanetBids; a web enabled eProcurement system provided to better serve and convenience its vendor community. Registered vendors receive automatic bid alert notifications based on the commodity codes selected and can download bid documents, become a prospective bidder and bid electronically when applicable. **Note:** You must have Adobe Flash Reader 25.+ installed in order to view this site. This is a free download.

1. To register, please first visit the College of Marin Vendor Portal at:
<https://www.planetbids.com/portal/portal.cfm?CompanyID=39469>
2. Click on “New Vendor Registration”.
3. Complete the information on each tab and click “Register” at the bottom right of the screen. The system will prompt you if you have missed mandatory information.
4. A confirmation email will be sent upon registration. You do not need to wait for this email to begin using the system.
5. To view bids, please click on “Bid Opportunities” and double click on the bid of interest.
6. Navigate through the different bid tabs to find all the important bid information.

Note: For further support, click the  located in each section.



BUILDING PERMITS: COUNTY & CITY

Sonoma County • In Plan Check

Owner Date	Contractor	Address	Type	Value
n/a 11/29/2021	n/a	1012 Rockwell Rd, Cloverdale	repair	25,000
n/a 11/29/2021	n/a	900 Richardson Lane, Cotati	repair	25,000
n/a 11/30/2021	n/a	6389 Hwy 12, Kenwood	garage	30,783
n/a 11/30/2021	n/a	3496 Santa Rosa Ave, Santa Rosa	bldg a plaza 2	2,660,070
n/a 11/30/2021	n/a	3496 Santa Rosa Ave, Santa Rosa	bldg a plaza 4	2,660,070
n/a 11/30/2021	n/a	3496 Santa Rosa Ave, Santa Rosa	bldg a plaza 6	2,660,070
n/a 11/30/2021	n/a	3496 Santa Rosa Ave, Santa Rosa	bldg b plaza 1	2,888,076
n/a 11/30/2021	n/a	3496 Santa Rosa Ave, Santa Rosa	bldg b plaza 3	2,888,076
n/a 11/30/2021	n/a	3496 Santa Rosa Ave, Santa Rosa	bldg b plaza 5	2,888,076
n/a 12/01/2021	n/a	3651 Mark West Station Rd, Windsor	remodel	62,161
n/a 12/02/2021	n/a	16536 Meadow Oaks Dr, Glen Ellen	remodel	25,075
n/a 12/02/2021	n/a	2161 W Dry Creek Rd, Healdsburg	remodel	18,173
n/a 12/02/2021	n/a	1700 Las Alamos Rd, Kenwood	sfd	253,951
n/a 12/02/2021	n/a	9119 Graton Rd, Graton	pathway	38,488
n/a 12/02/2021	n/a	1520 Mt Weske Dr, Windsor	barn	22,326
n/a 12/02/2021	n/a	42 Fairlie Dr, Windsor	2nd unit	148,204
n/a 12/02/2021	n/a	106 Cabrillo Close, Sea Ranch	guest house	68,488
n/a 12/02/2021	n/a	900 Gossage Ave, Petaluma	remodel	140,891
n/a 12/02/2021	n/a	1200 Tannery Creek Rd, Bodega Bay	sfd	293,259
n/a 12/02/2021	n/a	4789 E Soda Rock Lane, Geyserville	pool	150,947
n/a 12/02/2021	n/a	471 Newport Place, Windsor	sfd	195,386
n/a 12/03/2021	n/a	15600 Arnold Dr, Glen Ellen	carport	6,765
n/a 12/03/2021	n/a	1285 Emerald Ranch Rd, Healdsburg	pool	225,000
n/a 12/03/2021	n/a	216 Northside Ave, Agua Caliente	repair kitchen	30,990
David Longstreth 01/14/2022	n/a	641 Tehuacan Rd, Ukiah	patio cover	
Erica Fielder 01/14/2022	Mendocino Solar Service	30431 Simpson Lane, Fort Bragg	workshop	
Josue Sanchez 01/14/2022	n/a	40000 Gualala Ct, Gualala	addition	
David Burke 01/14/2022	Rons Quality Construction	45251 Cypress Dr, Mendocino	addition	
Amber Connolly 01/14/2022	Redwood Roofers	19278 Noyo Acres Dr, Fort Bragg	reroof	

BUILDING PERMITS: COUNTY & CITY

Mendocino County • In Plan Check

Owner	Date	Contractor	Address	Type	Value
Ana Serrano	01/10/2022	n/a	1420 So State St, Ukiah	repair	
Robert Weeks	01/10/2022	Fort Bragg Electric	32561 Old Willits Rd, Fort Bragg	electrical panel	
David Davis	01/10/2022	Angley Electric	424 So Corry St, Fort Bragg	electrical panel	
Monroe Robinson	01/10/2022	Mendocino Solar Service	42700 Little River Airport, Little River	roof solar	
Erica Chess	01/11/2022	Rons Quality Construction	7000 Sky Hill Dr, Ukiah	shed	
James Gay	01/11/2022	n/a	18925 Timberpointe Dr, Fort Bragg	pavilion	
Clifford Myers	01/11/2022	Mike Meuschke Construction	25900 Ward Ave, Fort Bragg	gas insert	
Russel Hobby	01/12/2022	n/a	10500 Old Lake Co Rd, Potter Valley	modular home	
Michael Maynard	01/12/2022	n/a	2145 Adreveno Way, Redwood Valley	remodel	
City of Fort Bragg	01/12/2022	Knorr Systems	300 So Lincoln St, Fort Bragg	pool boiler	
Meredith Smith	01/12/2022	Alex Redin Solar	32670 Middle Ridge Rd, Albion	roof solar	
Michael Ahola	01/13/2022	n/a	3700 Hansen Ranch Rd, Piercy	shop	
Michael Ahola	01/13/2022	n/a	4751 Hansen Ranch Rd, Piercy	harvest room	
City of Fort Bragg	01/13/2022	Knorr Systems	300 So Lincoln St, Fort Bragg	pool boiler	
Monica Lee	01/13/2022	Baier Heating & Air	28000 So Hwy 1, Point Arena City	furnace	
Donald Falk	01/13/2022	n/a	34275 Pacific Reefs Rd, Albion	sfd	
Randy Decaminada	01/13/2022	Estrada Construction	15520 Forest View Rd, Manchester	addition	
Tomas Henderson	01/13/2022	Titan Solar	21520 Tamborini Lane, Fort Bragg	solar	
David Ford	01/11/2022	Rons Quality Construction	4141 Fischer Lake Dr, Redwood Valley	mfg home	
Jessica Fracchia	01/11/2022	n/a	2051 Fracchia Rd, Ukiah	solar	
Cory Goldstein	01/11/2022	n/a	1650 lovers Lane, Ukiah	roof solar	
Josh Silver	01/11/2022	Busch Construction	2092 Caiito Dr, Laytonville	main panel	
R Southard	01/11/2022	Nick Medin	29200 Hwy 128, Yorkville	furnace	

SEPTIC PERMITS

Sonoma County • Week of 11/29-12/3/2021

Owner	Job	Address	Type		
n/a	3445 Skillman Lane, Petaluma		repair	n/a	1605 W Watmaugh Rd, Sonoma
n/a	8535 Franz Valley School Rd, Mark West Springs		new	n/a	9380 Argonne Way, Forestville
n/a	4181 Lakeside Dr, Glen Ellen		new		
n/a	5220 Foothill Ranch Rd, Mark West Springs		new		
n/a	2580 Pleasant Hill Rd, Twin Hills		new		

n/a	1605 W Watmaugh Rd, Sonoma	new
n/a	9380 Argonne Way, Forestville	new

Mendocino County • Week of 1/1/-1/18/2022

Owner	Job	Address	Type
Thomas Stone	511 Riverside Dr, Ukiah		repair

PROJECTS OUT TO BID

[CLICK HERE](#) to download the current PDF file of the *Projects Out to Bid*, listed below.

Project #	Addenda	Bid Date	Bid Time	Project Name	City
21-03649	1	1/31/2022	2:00 PM	The Livery on Main (Sub Bids Only)	Sebastopol
21-03903	4	1/31/2022	3:00 PM	RFP for Professional, Technical & Expert Services Task Order Contracts - East Bay Regional Park District	Various Cities
22-00024	1	1/31/2022	2:00 PM	Napa Valley Vine Trail – St Helena to Calistoga	Calistoga
22-00056	0	1/31/2022	2:00 PM	CUPCCAA for the City of St. Helena 2022	St. Helena
22-00115	0	1/31/2022	3:00 PM	RFP/Q to Provide Design-Build Services for Old Adobe Elementary School Project	Petaluma
22-00190	2	1/31/2022	10:00 AM	Door and Gate Maintenance and Repair Services	Mather
21-00452	2	2/1/2022	2:00 PM	CDOT 04-281204 HMA, Rdwy Excavation, Structural Conc and Modifying Lighting Systems	Napa County
21-03612	6	2/1/2022	11:00 AM	Rapid Corridors Project - San Pablo Avenue	Oakland & San Pablo
21-03653	3	2/1/2022	10:00 AM	Sacramento River Erosion Contract 1	Sacramento
21-03674	3	2/1/2022	2:00 PM	Fire Damaged Roadway Landscaping	Santa Rosa
22-00018	1	2/1/2022	2:00 PM	CDOT 03-1J4604 Modify Ramp Metering Systems	Sacramento County
22-00019	4	2/1/2022	2:00 PM	Orinda Community Center Solar, Battery Storage, and Roof Replacement Project	Orinda
22-00025	6	2/1/2022	2:00 PM	RFQ for Janitorial Services - City of San Ramon	San Ramon
22-00036	0	2/1/2022	10:00 AM	Sheldon and Bradshaw Roundabout Improvements - Signing and Striping	Elk Grove

PROJECTS OUT TO BID

22-00048	0	2/1/2022	10:00 AM	Golf Management and Reservation System	Elk Grove
22-00066	2	2/1/2022	3:00 PM	RFP for Well Site Feasibility	Sacramento
22-00073	3	2/1/2022	3:00 PM	WUHSD - Wheatland High School Ag Science Building & Ag Mechanics Shop Project	Wheatland
22-00082	0	2/1/2022	10:00 AM	Andros Kaperos Kitchen Mechanical	Yuba City
22-00094	2	2/1/2022	11:00 AM	Electrical and Low Voltage for Classroom Relocation at Robbins Elementary School	Knights Landing
22-00095	2	2/1/2022	11:00 AM	Installation of New Concrete Sidewalks at Robbins Elementary School	Knights Landing
22-00110	0	2/1/2022	3:00 PM	Generators and Automatic Transfer Switches for Ampla Health Multiple Locations	Chico, Colusa, Oroville, Yuba City, Olivehurst, etc
22-00169	0	2/1/2022	3:00 PM	Hillsdale Madison Self Storage (Sub Bids Only)	Sacramento
21-03455	3	2/2/2022	2:00 PM	Coffing Electrical Wire Hoists	Sacramento
21-03632	1	2/2/2022	2:00 PM	Nicholas Park Renovation Project	Sacramento
22-00032	1	2/2/2022	2:00 PM	Roof Replacements and On-Call Roof Maintenance Services	Antioch
22-00032	5	2/2/2022	2:00 PM	Finishing Kitchens at Bel Aire Elementary and Napa Valley Language Academy	Napa
22-00081	0	2/2/2022	2:00 PM	Hospital Bed Replacement Tower (RHT) Project UC Davis Health - Bid Package #RHT 08 Shoring & Underpinning	Sacramento
22-00093	0	2/2/2022	2:00 PM	Buchanan Road Emergency Waterline Repair Project	Pittsburg
22-00100	1	2/2/2022	2:30 PM	RFP Residential Service Line Protection - City of Antioch	Antioch

PROJECTS OUT TO BID

22-00116	0	2/2/2022	2:00 PM	On-Call Traffic Control Services	Sacramento
22-00117	0	2/2/2022	11:00 AM	Elevator Maintenance Services CHP 21C201007 Rebid #2	Sacramento
22-00139	0	2/2/2022	2:00 PM	Sullivan New Restroom Building and Campus Remodel	Fairfield
22-00148	2	2/2/2022	2:00 PM	Tractor Supply Fusion Project (Sub Bids Only)	Yuba City
22-00154	0	2/2/2022	2:00 PM	Florcal HVAC Replacement Project (Sub Bids Only)	Santa Rosa
22-00181	0	2/2/2022	2:00 PM	Warm Springs Fish Hatchery - Refrigeration Maintenance and Repair Rebid	Geyserville
22-00182	0	2/2/2022	2:00 PM	Warm Springs Fish Hatchery - HVAC Maintenance and Repair Rebid	Geyserville
22-00236	0	2/2/2022	12:00 PM	Coast Center Boiler Replacement Project	Fort Bragg
21-00475	2	2/3/2022	2:00 PM	CDOT 02-1H7204 Construct Retaining Wall, Replace Concrete Sidewalk and HMA Paving	Shasta County
21-03017	4	2/3/2022	2:00 PM	Landscaping Services	Sacramento
21-03685	1	2/3/2022	2:00 PM	AC Overlay Project SB1 2022 Phase 1	Sacramento
21-03876	4	2/3/2022	2:00 PM	Sheriff's Office Generator Replacement	Martinez
22-00003	2	2/3/2022	2:00 PM	North Vineyard Station Open Space Preserve Trail and Landscaping Project - Elder Creek Phase 1B	Sacramento
22-00006	3	2/3/2022	2:00 PM	Backyard Water Mains Replacement Project	Elk Grove
22-00013	0	2/3/2022	2:00 PM	Nuisance Abatement Cleanup Services for Shasta County	Shasta County

PROJECTS OUT TO BID

22-00049	3	2/3/2022	2:00 PM	Office Remodel at Alta Mesa Elementary School	Redding
22-00051	2	2/3/2022	2:00 PM	Restroom Remodel at Alta Mesa Elementary School	Redding
22-00062	0	2/3/2022	3:00 PM	Engineering and Right of Way Services for the Stillwater Business Park Phase 2C Projects	Redding
22-00075	2	2/3/2022	5:00 PM	Deer Creek Apartments Construction (No GC Openings / Sub-Bids Only)	Chico
22-00086	3	2/3/2022	3:00 PM	Provide Architectural and Engineering Services for Fire Station 82	Dixon
22-00135	1	2/3/2022	11:00 AM	RFQ for Construction Management, Inspection, and Testing Services for the Third Street Safety Improvements Project	San Rafael
22-00147	1	2/3/2022	2:00 PM	Moraga Road & Hacienda Drainage Project	Moraga
22-00229	0	2/3/2022	2:00 PM	Suisun Marina Dock Box Replacement Project	Suisun City
22-00077	0	2/4/2022	2:00 PM	2021-22 ADA Accessibility and Sidewalk Improvement Project	Healdsburg
22-00105	0	2/4/2022	3:00 PM	Woodland Southeast Area Aquatic Complex	Woodland
22-00114	0	2/4/2022	2:00 PM	Hospital Bed Replacement Tower (RHT) - Bid Package #RHT 06 Drywall, Framing & Fireproofing	Sacramento
22-00149	0	2/4/2022	2:30 PM	UHS Gym Boiler Replacement Project	Ukiah
22-00194	0	2/4/2022	2:00 PM	Adega II (Sub Bids Only)	Rohnert Park
22-00208	0	2/4/2022	1:00 PM	5 New 2021 or 2022 10 Passenger Vans	Sacramento
22-00275	1	2/4/2022	10:00 AM	Red Top Zone II Pump Station (Rebid) (Sub Bids Only)	Fairfield

PROJECTS OUT TO BID

21-03318	0	2/7/2022	2:00 PM	Disaster Recovery Multifamily Housing Program (CDBG-DR) - Shasta Lake	Shasta Lake
21-03905	1	2/7/2022	2:00 PM	RFP Construction Management Services for Moraga Road and Hacienda Drainage Project - Town of Moraga	Moraga
22-00003	5	2/7/2022	12:00 PM	RFP Internal Connections - Network Infrastructure Upgrade for Contra Costa County Library	Various Cities
22-00067	2	2/7/2022	2:00 PM	Soil Remediation - Twin Rivers Triangle	Sacramento
22-00068	2	2/7/2022	2:00 PM	Revenue Vehicle Tire Lease and Services	Sacramento
22-00100	0	2/7/2022	4:30 PM	Preventative Maintenance and Unscheduled As-Needed Repair Services for Two (2) Air Compressors	Sacramento
22-00128	0	2/7/2022	3:00 PM	Request for Proposal - Parks, Facilities, & Recreation Master Plan	Suisun City
22-00249	0	2/7/2022	10:00 AM	Fire Alarm Maintenance and Repair	Mather
22-00263	0	2/7/2022	1:00 PM	Storage Star Self Storage (Sub Bids Only)	Rio Vista
22-00020	0	2/8/2022	2:00 PM	CDOT 02-0J6804 Corrugated Steel Pipe, Geomembrane & Rock Slope Protection	Shasta County
22-00030	0	2/8/2022	2:00 PM	CDOT 01-0K9604 Remove and Place Thermoplastic Traffic Stripe with Micro-Surfacing	Mendocino County
22-00059	0	2/8/2022	2:00 PM	Slope Mowing and Weed Abatement Services	Sacramento
22-00111	1	2/8/2022	2:00 PM	RFP Biological Monitoring Services - Water Reclamation Facility Flood Mitigation Project	Healdsburg
22-00120	2	2/8/2022	2:00 PM	Tara Hills Sewer Replacement	Pinole
22-00129	0	2/8/2022	11:00 AM	Fence Installation Services CHP 21C201006 Rebid #1	Sacramento

PROJECTS OUT TO BID

22-00153	0	2/8/2022	2:00 PM	Structural Aluminum Welding Services for Cantilever Repair	Sacramento
22-00160	0	2/8/2022	3:00 PM	On-Call Roof Maintenance Services for the City of Redding	Redding
22-00168	0	2/8/2022	2:00 PM	Hospital Bed Replacement Tower (RHT) Project - Bid Package #MR 04D	Sacramento
22-00181	1	2/8/2022	2:00 PM	CHP Contra Costa Area Office - Parking Lot Repair Services	Martinez
22-00192	0	2/8/2022	9:00 AM	RFP-Construction Management Services	Marysville
22-00204	1	2/8/2022	3:00 PM	Home 2 Suites Hotel - Fairfield (Sub Bids Only)	Fairfield
22-00207	0	2/8/2022	2:00 PM	Lichen K-8, Kindergarten Playground	Citrus Heights
22-00217	0	2/8/2022	4:00 PM	Inspect, Test & Repair Fuel Storage & Dispensing Devices	Various Cities
21-03157	11	2/9/2022	4:00 PM	Furnish Mobile Generator System North Bay Aqueduct	Solano County
21-03511	20	2/9/2022	1:30 PM	Orinda, Lafayette, and Walnut Creek Water Treatment Plants - Carbonic Acid Storage and Feed Control Systems - EBMUD	Orinda, Lafayette, Walnut Creek
22-00038	1	2/9/2022	2:00 PM	Mangini Ranch Savannah Parkway - Electrical	Folsom
22-00039	1	2/9/2022	2:00 PM	Mangini Ranch Savannah Parkway - Concrete	Folsom
22-00042	2	2/9/2022	2:00 PM	Venetia Valley School Field Restoration Project	San Rafael
22-00056	0	2/9/2022	10:00 AM	San Anselmo School Bike Spine	San Anselmo
22-00144	0	2/9/2022	2:00 PM	Hartley Street Pedestrian Improvement Project	Lakeport

PROJECTS OUT TO BID

22-00165	0	2/9/2022	4:00 PM	Hallway Painting at the John E. Moss Federal Building	Sacramento
22-00174	0	2/9/2022	2:00 PM	CM Services for Bell Avenue Complete Street Rehab	Sacramento
22-00188	0	2/9/2022	12:00 PM	Discovery High School Cosmetology Tenant Improvement	Sacramento
22-00200	0	2/9/2022	2:00 PM	HVAC Retrofit at Alta Mesa Elementary School	Redding
22-00201	0	2/9/2022	2:00 PM	HVAC Retrofit at Parsons Middle School	Redding
22-00202	0	2/9/2022	2:00 PM	Harmony Field Phase 3, Lease Leaseback (Sub Bids Only)	Occidental
22-00220	0	2/9/2022	5:00 PM	RFP-Gym Equipment Purchase and Installation	Marysville
22-00246	0	2/9/2022	2:30 PM	Portable Solar Traffic Signal Supply	Oroville
22-00247	0	2/9/2022	2:00 PM	RFP/Q for Lease Leaseback Construction Services for West Marin Elementary School Improvements	Point Reyes Station
21-03327	4	2/10/2022	2:00 PM	Central Plant Boiler 3 Emission Improvements	Davis
21-03371	2	2/10/2022	4:00 PM	RFP Landscape Maintenance and On-Call Services	Napa
21-03689	2	2/10/2022	3:00 PM	Avenida Folsom Senior Living (Sub Bids Only)	Folsom
22-00071	0	2/10/2022	2:00 PM	RFP Landfill Operations Management	Woodland
22-00101	0	2/10/2022	4:00 PM	Chandon Avenue Orchard Cleanup	Gridley
22-00130	0	2/10/2022	1:00 PM	Roofing Project 2022 for Paradise Unified School District	Paradise

PROJECTS OUT TO BID

22-00140	0	2/10/2022	2:00 PM	On-Call Pavement Restoration Project 2022-2024	Sacramento
22-00158	0	2/10/2022	2:00 PM	Engineering Services for the Chiller Replacement Project	Elk Grove
22-00161	0	2/10/2022	2:00 PM	Scott Road Realignment Project	Folsom
22-00182	2	2/10/2022	5:00 PM	Vivalon / Eden Housing (Whistlestop) Residential Housing (SUB BIDS REQUESTED)	San Rafael
22-00213	2	2/10/2022	2:00 PM	RFP/Q Lease Leaseback Construction Services for the HVAC and Roofing Project at Redwood Middle School and Napa High School	Napa
22-00231	0	2/10/2022	2:00 PM	22000 FLC Equity Center	Sacramento
22-00266	0	2/10/2022	1:00 PM	Fire Behavior Prop - Equipment Only	Redding
21-03666	1	2/11/2022	2:00 PM	E-rate Infrastructure Hardware and Installation Project at Fourteen (14) School Sites	Elk Grove
22-00058	2	2/11/2022	1:00 PM	RFP Infrastructure Plan for Fleet Electrification	Elk Grove
22-00151	0	2/11/2022	10:00 AM	SCUSD - COVID Drinking Fountain Upgrades - Bid Package 1	Sacramento
22-00162	0	2/11/2022	2:00 PM	Scott Road Realignment CM RFP	Folsom
22-00170	0	2/11/2022	3:00 PM	On-Call Drilling and Well Installation Services for City Landfills	Sacramento
22-00186	0	2/11/2022	4:00 PM	Redistricting Services	Elk Grove
22-00196	1	2/11/2022	3:00 PM	Asphalt Concrete	Various Cities
22-00205	0	2/11/2022	12:00 PM	Pool Repair	Petaluma

PROJECTS OUT TO BID

22-00235	0	2/11/2022	3:00 PM	Olivehurst Community Park Spray Park Project	Olivehurst
22-00115	0	2/14/2022	3:00 PM	RFP On-Call Pump Repair Services	Various Cities
22-00141	0	2/14/2022	5:00 PM	RFQ for On-Call Consulting Services - Landscape Architect Services	Martinez
22-00219	0	2/14/2022	4:30 PM	RFP-Animal Care Facility Surveillance Camera Installation Project	Olivehurst
21-00418	4	2/15/2022	2:00 PM	CDOT 04-264724 CIP Bridges, Construct Roadway, Retaining Walls and Modify Electrical	Marin County
21-03642	0	2/15/2022	10:30 AM	Re-Bid - Heating, Ventilation and Air Conditioning (HVAC) Duct Maintenance Services at the Yuba City DMV Field Office	Yuba City
22-00012	0	2/15/2022	2:00 PM	CDOT 02-2H8104 Roadway Excavation, Install Welded Steel Pipe and Alt. Pipe Culvert	Trinity County
22-00114	0	2/15/2022	4:00 PM	RFP Engineering Design Services - Diablo Road Trail Crossing Improvements	Danville
22-00164	0	2/15/2022	2:00 PM	Yolo Bypass West Levee Culvert Replacement Project	Woodland
22-00172	0	2/15/2022	2:00 PM	404 Aviation Boulevard HVAC Retrofit	Santa Rosa
22-00191	1	2/15/2022	1:00 PM	Reclamation District No. 817 - Bear River Setback Levee Project	Sutter County
22-00224	0	2/15/2022	2:00 PM	Wastewater Treatment Plant Sedimentation Basin #2 Concrete Resurfacing - Re-Bid,	Davis
22-00238	0	2/15/2022	4:00 PM	RFQ Testing, Inspections and Plan Review Services	Ukiah
22-00252	0	2/15/2022	2:00 PM	Solar Canopy Lighting Project	Santa Rosa
22-00260	0	2/15/2022	1:00 PM	Lichen K-8, Demolition & Abatement of Flooring	Citrus Heights

PROJECTS OUT TO BID

22-00261	0	2/15/2022	2:00 PM	Lichen K-8, Painting	Citrus Heights
22-00267	0	2/15/2022	2:00 PM	Red Bluff High School - Main Quad Shade Structures	Red Bluff
21-03560	2	2/16/2022	10:00 AM	Vinyl Flooring Installation and Repair	Vacaville
21-03805	7	2/16/2022	2:00 PM	RVSD Headquarters Consolidation Project	San Rafael
22-00028	0	2/16/2022	2:00 PM	CDOT 03-2G0704 Place Polyester Concrete Overlay	Colusa, Glenn, Sac, Sutter and Yolo Counties
22-00076	0	2/16/2022	2:00 PM	Water and Sewer Line Replacement at Crystal Lake Fish Hatchery	Cassel
22-00163	0	2/16/2022	2:00 PM	2022 Water & Sewer Repair & Replacement Project	Woodland
22-00185	2	2/16/2022	2:00 PM	District Wide Fencing Phase 3	Napa
22-00206	0	2/16/2022	3:00 PM	Automotive Franchise Dealership Parts and Services	Sacramento
22-00223	0	2/16/2022	2:00 PM	Temple Avenue Park Improvements	Sacramento
22-00233	1	2/16/2022	11:00 AM	Element Hotel - Sacramento (Sub Bids Only)	Sacramento
22-00268	0	2/16/2022	3:00 PM	Unit 5 HRSG Inlet Expansion Joint Expansion Project	Redding
22-00282	0	2/16/2022	2:00 PM	Northside Park Tennis Court Resurfacing Project	Corning
21-03688	0	2/17/2022	1:00 PM	Yuba College Campus hazardous Materials Abatement Fire Alarm Systems Project	Marysville
22-00036	0	2/17/2022	2:00 PM	CDOT 03-2G3504 HMA (Type A) and Chip Seal	Colusa County

PROJECTS OUT TO BID

22-00119	3	2/17/2022	2:00 PM	California Highway Patrol Academy, Mechanical System Upgrade - Project 1	West Sacramento
22-00126	0	2/17/2022	2:30 PM	Marin Emergency Back-Up Power Project at Key County Facilities, 120 N. Redwood Drive, San Rafael	San Rafael
22-00155	0	2/17/2022	1:00 PM	Surveillance Installation	Fairfield
22-00225	0	2/17/2022	2:00 PM	AC Overlay Project SB1 2022 - Phase 4	Sacramento
22-00228	0	2/17/2022	3:00 PM	City Hall Renovations & Upgrades Project	Willits
22-00244	0	2/17/2022	10:00 AM	Storm Water Device Maintenance	Elk Grove
22-00250	0	2/17/2022	2:00 PM	Vacaville High School Improvements Project	Vacaville
22-00253	0	2/17/2022	2:00 PM	West County Transportation Agency Bus and Automobile Parking Expansion Project	Santa Rosa
22-00265	0	2/17/2022	3:00 PM	Enclave Parcel 85A Folsom Ranch Medical Center - Wet Utilities	Folsom
22-00276	0	2/17/2022	11:00 AM	Ridgeview High School Furniture Supply and Installation - Administration, Multipurpose and Classroom Furniture	Paradise
22-00280	0	2/17/2022	2:00 PM	Manzanita Elementary School Modernization	Redding
22-00283	1	2/17/2022	3:00 PM	SOQ A&E On-Call Roadway Construction Services for District 1	Various Counties
22-00290	1	2/17/2022	4:00 PM	North Creek Crossings Phase II at Meriam Park (No GC Openings / Sub-Bids Only)	Chico
22-00102	1	2/18/2022	2:00 PM	RFQ Martinez Detention Facility (MDF) & West County Detention Facility (WCDF) Security System Upgrade Project	Martinez & Richmond
22-00196	0	2/18/2022	2:00 PM	Replace Chiller Unit	Rancho Cordova

PROJECTS OUT TO BID

22-00251	0	2/18/2022	3:00 PM	RFQ On-Call Traffic Control Services	Sonoma County
22-00177	1	2/21/2022	4:00 PM	Pre-Construction and Lease-Leaseback Services for the Grounds Maintenance Building Project - Thermalito Union School District	Oroville
22-00203	0	2/22/2022	2:00 PM	Roofing Upgrades at Three Sites	Fairfield
22-00210	3	2/22/2022	11:00 AM	Zip Thru Express Car Wash - Brentwood (Sub-Bids Only)	Brentwood
22-00211	0	2/22/2022	4:00 PM	Paradise High School Library-Science Modernization (No GC Openings / Sub-Bids Only / Lease - Leaseback)	Paradise
22-00216	0	2/22/2022	2:00 PM	Hospital Bed Replacement Tower (RHT) Project - Bid Package #RHT 05 Structural Steel and Metal Pan Stairs	Sacramento
22-00231	0	2/22/2022	2:00 PM	Buchanan Field Airport (CCR) Security Upgrades	Concord
22-00249	0	2/22/2022	4:00 PM	RFP Design Services for Lone Tree Way Roadway Improvements - City of Brentwood	Brentwood
22-00286	0	2/22/2022	2:30 PM	Multi-Site HVAC Replacement Project (Rio Linda, Sierra View & Westside)	North Highlands
22-00287	0	2/22/2022	2:15 PM	Multi-Site HVAC Replacement Project (Grant, Grant West, Madison and Ridgepoint)	Sacramento
22-00288	0	2/22/2022	2:00 PM	Multi-Site HVAC Replacement Project (Babcock, Del Paso Heights, Morey Avenue, and Smyth P-6)	Sacramento
22-00042	0	2/23/2022	2:00 PM	CDOT 04-0K0004 Modifying Signal and Lighting System and Minor Concrete	Napa County
22-00134	3	2/23/2022	2:00 PM	East Blithedale Avenue Rehabilitation Project - Phase 2 & 3	Mill Valley
22-00190	2	2/23/2022	10:00 AM	John Muir Elementary School - Measure C - Series E - Roofing Replacement Project	Antioch
22-00210	0	2/23/2022	4:00 PM	Paradise Intermediate School Classroom Modernization (No GC Openings / Sub-Bids Only / Lease - Leaseback)	Paradise

PROJECTS OUT TO BID

22-00271	0	2/23/2022	10:00 AM	Request for Bid for Building for Project Homekey Phase II at Live Oak Apartments	Ukiah
22-00273	0	2/23/2022	10:00 AM	Mendocino Solar Homekey Phase II project	Ukiah
22-00149	2	2/24/2022	2:00 PM	Fire Station #2 & Fire Station 81 Generator Replacements for the Contra Costa County Fire Protection District	Pleasant Hill & Antioch
22-00191	2	2/24/2022	10:00 AM	Antioch Middle School - Measure C - Series E - Boiler/Chiller and Air Handler Rebuild Project at Wings 100 and 400	Antioch
22-00213	0	2/24/2022	5:00 PM	Kensington Drainage Inlet Project	Kensington
22-00215	0	2/24/2022	2:00 PM	Larchmont Community Park Tennis Court Repair Project	Sacramento
22-00226	0	2/24/2022	2:00 PM	AC Overlay Project SB1 2022 Phase 2	Sacramento
22-00259	0	2/24/2022	2:00 PM	Elkhorn Boulevard Extension	Sacramento
22-00262	0	2/24/2022	3:00 PM	Wireless Equipment - E-rate YR 2022 (YR25)	Sacramento
22-00279	0	2/24/2022	3:00 PM	Juniper Elementary School Modernization	Redding
22-00230	1	2/25/2022	4:00 PM	RFP Labor Contract Negotiation Services - MMWD	Corte Madera
22-00145	1	2/28/2022	2:00 PM	Vallejo Community Center Kitchen, Electrical, and ADA Upgrades	Vallejo
22-00189	0	2/28/2022	4:00 PM	Unarmed Security Services (2022)	Vallejo
22-00264	0	2/28/2022	2:00 PM	Construction Services for Lease-Leaseback for Blanche Sprentz Elementary School Addition	Folsom
22-00274	0	2/28/2022	1:00 PM	Ophir Elementary School Pick-Up Area Pavement Improvements	Oroville

PROJECTS OUT TO BID

22-00002	0	3/1/2022	2:00 PM	ISHI Conservation Camp Replace Kitchen (Rebid)	Paynes Creek
22-00150	0	3/1/2022	5:00 PM	Prequalification of Bidders for Butte County SB 863 Jail Project	Oroville
22-00202	0	3/1/2022	3:00 PM	RFQ for Construction Management (CM) Services for Various Measure X Health Care Funded Projects at Contra Costa Regional Medical Center	Martinez
22-00212	0	3/1/2022	2:00 PM	Waterman Water Treatment Plant Ozone System Improvements	Fairfield
22-00192	2	3/3/2022	10:00 AM	Sewer Improvement Project 2021-2022	Tiburon
22-00245	0	3/4/2022	3:00 PM	Northern Distribution Center (NDC) Warehouse Improvement Remodel	West Sacramento
22-00159	1	3/8/2022	2:00 PM	RFP/Q for Lease-Leaseback Construction Services for Foothill High School Aquatic Complex	Sacramento
22-00243	0	3/8/2022	2:00 PM	Shelton Oaks and Rhodes Terrace Landscape Improvement Project (Rebid)	Chico
22-00222	0	3/10/2022	2:00 PM	Manor Tank Rehabilitation Project	Petaluma
22-00078	2	3/11/2022	3:30 PM	RCCC / Main Jail CCTV Maintenance and Software Support	Sacramento
21-03750	6	3/17/2022	10:00 AM	Gladys Drive & Vicinity Main Replacement Project	Pleasant Hill
22-00250	0	3/17/2022	2:45 PM	Fairfax Library Garden Improvement Project	Fairfax
22-00289	0	3/22/2022	2:00 PM	Job Order Contract (JOC) 33, 34, 35, 36	Sacramento
21-03613	0	4/1/2022	5:00 PM	CDBG-DR Multifamily Housing Program - City of Oroville (Rebid)	Oroville
21-03846	1	5/24/2022	2:00 PM	Standard Sewer Rehabilitation Project	El Cerrito

PROJECTS OUT TO BID

22-00221	0	6/30/2022	5:00 PM	Disaster Recovery Multifamily Housing Program (DR-MHP) (RFP #2)	Butte County
21-03108	0	10/1/2022	2:00 PM	CUPCCAA for Evergreen Union School District 2021/2022	Cottonwood
21-03231	0	10/3/2022	2:00 PM	CUPCCAA Greater Hayfork Valley Park and Recreation District 2022	Hayfork
21-03245	0	10/3/2022	2:00 PM	CUPCCAA Corning Union Elementary School District 2022	Corning
21-03263	0	10/3/2022	2:00 PM	CUPCCAA for Redding / Shasta Union Elem / Igo-Ono-Platina USD 2022	Shasta County
21-03269	0	10/3/2022	2:00 PM	CUPCCAA for Shasta-Tehama-Trinity Joint Community College District 2022	Redding
21-03325	0	10/31/2022	2:00 PM	CUPCCAA for the Shasta County Office of Education 2022	Redding
21-03332	0	10/31/2022	2:00 PM	CUPCCAA for Shasta Union High School District 2022	Redding
21-03344	0	11/1/2022	2:00 PM	CUPCCAA for Cottonwood Union School District 2022	Cottonwood
21-03346	0	11/1/2022	2:00 PM	CUPCCAA for Red Bluff Joint Union High School 2022	Red Bluff
21-03347	0	11/1/2022	2:00 PM	CUPCCAA Oroville Union High School District 2022	Oroville
21-03363	0	11/1/2022	2:00 PM	CUPCCAA for Bella Vista Elementary School District 2022	Bella Vista
21-03364	0	11/1/2022	2:00 PM	CUPCCAA for Shasta-Trinity Regional Occupational Program 2022	Redding
21-03392	0	11/1/2022	2:00 PM	Shasta-Tehama-Trinity Joint Community College District Measure H Bond Projects 2022 Prequalification	Redding
21-03459	0	11/1/2022	2:00 PM	CUPCCAA for Enterprise Elementary School District 2022	Redding

PROJECTS OUT TO BID

21-03466	0	11/1/2022	2:00 PM	CUPCCAA for Trinity Alps Unified School District 2022	Redding
21-03475	0	11/1/2022	2:00 PM	CUPCCAA for Red Bluff Union Elementary School District 2022	Red Bluff
21-03490	0	12/1/2022	2:00 PM	CUPCCAA - Yuba County Office of Education 2021-2022	Marysville
21-03502	0	12/1/2022	2:00 PM	CUPCCAA for Corning Union High School District 2022	Corning
21-03506	0	12/1/2022	2:00 PM	CUPCCAA-Wheatland High School	Wheatland
22-00175	0	12/1/2022	2:00 PM	CUPCCAA for Junction Elementary School District 2022	Palo Cedro
21-03340	0	12/30/2022	2:00 PM	CUPCCAA for Maxwell Unified School District 2022	Maxwell
21-03575	0	12/30/2022	2:00 PM	Notice Inviting Contractors 2022	Ukiah
21-03452	0	12/31/2022	2:00 PM	CUPCCAA for Franklin Elementary School District - 2022	Yuba City
22-00034	0	12/31/2022	2:00 PM	CUPCCAA for Tri-County Schools Insurance Group	Yuba City
22-00156	0	12/31/2022	2:00 PM	CUPCCAA for Sonoma County Water Agency	Sonoma County
22-00217	0	12/31/2022	2:00 PM	CUPCCAA for Sutter County Development Services Department 2022	Yuba City

LEGAL NOTICES

Sonoma County • Notice of Completion

Date	Record	Owner	Contractor	Project Address/Area
12/27/2021	2021138743	City Ventures Homebuilding	City Ventures Homebuilding	251 Gambrel Circle, Santa Rosa
12/27/2021	2021138757	Sectarian Properties	Blue Mountain Const Services	29 Yarrow Way, Santa Rosa
12/27/2021	2021139057	Penn Grove Mountain LLC	Willowglen Homes	1774 Wildflower Way, Rohnert Park
12/28/2021	2021139550	RPX 114 Lots LLC	RPX 114 Lots LLC	5756 Cassandra Place, Rohnert Park
12/28/2021	2021139813	City Ventures Homebuilding	City Ventures Homebuilding	231 Gambrel Circle, Santa Rosa
12/28/2021	2021139819	City Ventures Homebuilding	City Ventures Homebuilding	233 Gambrel Circle, Santa Rosa
12/29/2021	2021140212	KB Home South Bay Inc	KB Home South Bay Inc	5858 Kittyhawk Place, Rohnert Park
12/29/2021	2021140251	City Ventures Homebuilding	City Ventures Homebuilding	253 Gambrel Circle, Santa Rosa
12/30/2021	2021140655	County of Sonoma	MIK Construction	343 Casa Manana Rd, Santa Rosa
12/30/2021	2021140674	City Ventures Homebuilding	City Ventures Homebuilding	247 Gambrel Circle, Santa Rosa
12/30/2021	2021140678	City Ventures Homebuilding	City Ventures Homebuilding	249 Gambrel Circle, Santa Rosa
12/30/2021	2021140685	KB Home South Bay Inc	KB Home South Bay Inc	5850 Kittyhawk Place, Rohnert Park
12/30/2021	2021140716	Gregory Owen	Silvermark Construction Services	3608 Fir Ridge Dr, Santa Rosa
12/30/2021	2021140766	Sectarian Properties Inc	Blue Mountain Const Services	67 Myrsine Way, Santa Rosa
12/30/2021	2021140821	Richmond American Homes	Richmond American Homes	97 Jagla St, Cotati

Sonoma County • Claim of Lien

Date	Record	Claimant	Value	Owner
12/27/2021	2021138739	Fisch Brothers Drilling	11,147.00 against	John Zona
12/27/2021	2021138983	Timberline Wall Systems	41,003.23 against	Danco Builders Northwest
12/28/2021	2021139736	Bravo Restoration & Const	56,933.58 against	Don Lawson
12/29/2021	2021140118	David Foster	12,000.00 against	Steve Wilburn
12/30/2021	2021140950	Marny Day	68,752.16 against	Robert Jacob

Sonoma County • Release of Lien

Date	Record	Claimant	Value	Owner
12/29/2021	2021139945	PG Trim	against	City Ventures
12/29/2021	2021140253	Pace Supply Corp	against	Kim Gordacan
12/29/2021	2021140480	ABC Supply Co	against	Gregory Moore

Sonoma County • Notice of Completion

Release of LienMendocino County • Claim of Lien

Date	Record	Claimant	Value	Owner
1/10/2022	00501		against	Artead Builders Inc
1/12/2022	00673		against	Michael Chittaro