



NEWS

INFO

BIDS



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Four Construction Technology Trends in 2021 I anticipate we'll also see the efficient use of

By Sumit Oberoi

This year will be a year like no other for the construction industry, with the landscape evolving rapidly in a post-COVID world and technology set to support innovation and operational efficiencies for businesses in increasingly important ways.

The adoption of technology is accelerating due to both demand and necessity, with construction businesses across Asia Pacific managing old and new challenges. These include evolving safety and distancing requirements; supporting remote workers; ever-changing operational, supplier and project management needs; and a renewed focus on the environment with increased sustainability across project lifecycles.

Technology will support the construction industry in elevating all these factors, enabling better integration across the different phases of the construction model towards a new way of operating. This will help to create safer and more productive workplaces, a more resilient sector, and upskilling of the workforce.

any government COVID-19 stimulus funds being invested in innovation to improve operations including procurement, construction, and facility management. Here are four construction technology trends to watch in 2021:

1. Subcontractor management platforms will increase in popularity

To date, much of the construction industry across Asia Pacific has widely adopted construction point solutions to address basic needs and to engage and manage subcontractors across their projects, creating operational inefficiencies and potentially costly development delays.

Construction management platforms will emerge post COVID-19 for head contractors and specialist contractors to manage business requirements through a seamless integration and aggregation of design and field data to control the process. The right subcontract management platform will enable the industry to move from fragmented, project-centric internal platforms in their businesses to strong internal platforms with



a more standardised and integrated approach. This will enable improvement in margins and increased understanding of real project costs.

In 2021, we'll likely also see increasing take up of software that enables preconstruction teams to

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Rumson Sea Bright Bridge Replacement

County of Monmouth Contract No. F-99-2020 Bid Date: March 24, 2021 Subcontracting opportunities include but are not limited to electrical and mechanical bridge

controls, paint, drainage, concrete, field office, CPM scheduling, civil general contracting, construction engineering, fencing, fuel, haul and dispose, MPT, office trailer fit out, painting, signs, structural steel, surveying, waterproofing, vibration monitoring, miscellaneous metals, bridge railing, landscaping, hazmat removal, bridge demolition, and trucking. Please see contract documents for further opportunities. Interested firms please contact john.papagiannakis@skanska.com • EOE/M/F/Vet/Disabled

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IS SOLICITING COST PROPOSALS FROM NEW YORK STATE CERTIFIED

DBE SUBCONTRACTORS AND VENDORS **Harold Structures Eastbound Re-Route Project**

MTA Construction and Development Contract No. CH058B Bid Date: April 2, 2021 Description of project: The work involves design-build of a new tunnel and approach structures for a grade-separated

crossover, including modification of the underpinning pier(s) and construction of new pier(s) for the existing Honeywell Street bridge, demolition of existing track work and installation new track, including special track work, and demolition of existing and installation of new traction power elements such as the cabling, contact and messenger wires, feeder cables and their supporting structures. The work will be performed in an active railroad interlocking and will require close coordination with the ongoing train operations and force account work performed by Amtrak, LIRR, and other East Side Access contractors. Many bidding opportunities are available: trucking, soil hauling and disposal, containers,

excavation, structural concrete, precast concrete, standpipe, utilities, MPT, electrical, catenary, miscellaneous metals, steel, pile driving, micropiles, line striping, rebar furnish and install, waterproofing, demolition, support of excavation, precast barrier, trackwork, track removals, third rail, concrete ties, rail, fence, erosion control, trailers, cleaning, environmental testing, fill material supply, contaminated soil, geotechnical instrumentation and monitoring, survey, photography, rodent control, castings, monitoring wells, dewatering, material testing, temporary steel. If you are interested in bidding on this project, please contact Skanska's Outreach Coordinator: Rosemary.Nagle@skanska.com \bullet EOE/M/F/Vet/Disabled

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New Jersey Department of Transportation, Pulaski Contract 8B NJDOT Contract No. 054123300 Bid Date: April 22, 2021 Subcontracting opportunities include but are not limited to soil erosion and sediment control,

traffic control, pipe/drainage structures, earthwork-excavation, earthwork-embankment, asphalt/ pavement, fence, sidewalk and curbs, traffic railing, traffic striping, traffic signs, electrical, landscaping, engineering, demolition, hazmat, paint, foundations/piles, reinforcing steel, concrete-structural, waterproofing, steel repairs, bearings, joints, concrete deck, and jacking systems. Please see contract documents for further opportunities. $Interested\ firms\ please\ contact\ john.papagiannakis@skanska.com \bullet EOE/M/F/Vet/Disabled$

NORTHEAST EVENTS FOR YOUR BUSINESS on starting or maintaining your business? Hear



susan.mazza@sba.gov

Tuesday, March 30, 2021, 11:30 am-1:00 pm Online Main Sponsor(s): US Small Business Administration Contact: Susan Mazza, 802-828-4422,

Fee: Free; registration required The SBA Vermont District Office hosts a free weekly webinar from 11:30 am to 1:00 pm

Tuesdays to discuss Paycheck Protection Program forgiveness. Topics include criteria, the process, changes, and more. To access the webinar by phone, call 1-202-765-1264 and enter the code 986 011 495#. For more information, email susan.mazza@sba.gov. Webinar direct link (copy and paste link into browser address bar): http://ow.ly/uj2850DRyxt The SBA Vermont District Office provides financial services, consulting, and educational assistance to the small business community throughout the state. SBA and SOS Monthly Webinar Thursday, April 1, 2021, 9:00 am-11:00 am

New Hampshire Secretary of State Corporation Division

Contact: Miguel Moralez, 603-225-1601, miguel.moralez@sba.gov

Fee: Free; registration required Starting a new business? Looking for capital and finance options? Looking for general advice

and the New Hampshire Secretary of State Corporation Division. This workshop (currently held online during the pandemic) is offered on the first Thursday of every month. To join this free webinar, copy and paste the link below into your browser, then register for tickets for the date of your choice to receive the access code. https://www.eventbrite.com/e/monthlyworkshop-on-sba-programs-resources-at-sostickets-138501643143 Marketing Your Business to the Federal Government Webinar

from representatives from the local SBA office

Online Main Sponsor(s): US Small Business Administration,

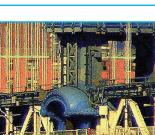
Wednesday, April 7, 2021, 11:00 am-12:00 pm

Tampa Bay Women's Business Centre Contact: Lonnie Koyama, 772-466-3176,

leon.koyama@sba.gov Fee: Free; registration required

This online class focuses on improving your probability of being "found" by federal contracting offices and large federal prime contractors.

The discussion includes: which website is used by contracting entities to source contractors; which NAICS codes and how many should you use; what is a good Capability Statement; what is most important to a contracting officer and Main Sponsor(s): US Small Business Administration, selecting official; how to improve your website. Lonnie Kovama is a Lead Economic Development Specialist for the US SBA's South Florida District Office. Lonnie is an accomplished business developer with extensive experience in both the private and public sectors. He has wide-ranging proficiency as a business owner, corporate multiunit manager, general manager, and consultant.





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