THE TOP 500

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Designing for the New Normal

The ENR Top 500 Design Firms spent 2020 adapting to a pandemic. How will they evolve to take on what comes next? By Jonathan Keller



ETHE TOP 500

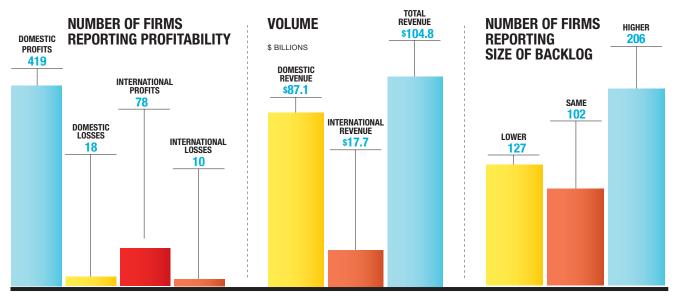
here are dates that stick in the collective memory: 1776, 1861, 1929 and now 2020, which could well be a year that future generations in the construction industry look back on as a major turning point. The social, economic and cultural ramifications of COVID-19 won't be fully understood for years to come, but the challenge of the pandemic has caused rapid change across the design sector.

Even so, the revenue shortfall many observers had predicted for design firms has not happened to the extent feared, according to results of the 2021 Top 500 Design Firms ranking. The aggregate revenue for listed firm actually rose to a record \$104.77 billion in 2020—an increase of 1.48%.

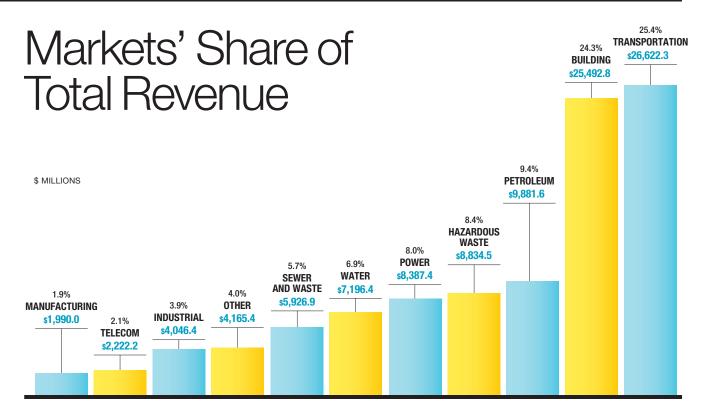
However, the raw numbers don't tell the whole story. The 2021 list features the return of Fluor Corp., which was unable to release financials for last year's ranking due to a federal probe of project charges; and Worley, which failed to file in 2020. Their inclusion added more than \$6 billion to the total. The median revenue for firms actually fell, to \$64.95 million on this year's ranking from \$67.94 million for the 2020 list—a drop of 4.4%. Backlogs took the biggest hit. Almost three times as many firms are reporting a lower backlog compared to a year ago, with 127 noting a decline this year versus just 45 on the 2020 ranking.

A notable absence this year is KBR Inc., which opted not to file a top design firms survey for its 2020 results, due to its "current business profile as a high-end solutions-oriented organization," the company told ENR. KBR was ranked third on last year's Top 500 list.

2020-2021 at a Glance



OVERVIEW



A New Way to Work

At the beginning of the pandemic, firms were forced to make what was for many a radical change in the way they worked. "Like most practices, we took our operations virtual over a weekend," says Jenna Knudsen, CO Architects' managing principal. "We went from 95% of our staff working in one office space to 120 people working from 120 different locations." At first the challenge was technological. While some of CO's operations were digital, others such as accounting were paper-based, and had to make a rapid transition.

"This has been one of the fastest technology transfers in my career," says Jerry Holder, Garver's senior vice president and director of transportation. "Many firms had no intention of making such a transition [but] they adapted at a surprisingly fast rate."

However, it quickly became apparent that the real challenge of the pandemic was less about the technology and more about the people. Firms needed to fin a way to do business while helping employees deal with the stress and isolation of a pandemic. "It was the collaborative, human connection side of it that's very dif**477** Top 500 Firms also sent in a survey last year

58.1% Report revenue rose between 2019 and 2020.

18.7% Report revenue fell by 10% or more between 2019 and 2020. ficult," says Nick Leahy, co-CEO of Perkins Eastman. Kumar Buvanendaran, president and CEO of Prime AE Group, adds that "COVID-19 has probably had more permanent psychological changes in our operations than tangible." He says COVID-19 forced a "cultural reset" at the firm. "We are reminded of what matters most—the safety, health and happiness of our employees," the executive points out.

Firms worked to ameliorate the effects of the pandemic on employees' physical and mental health via outreach. "Normalizing the conversation and reducing the stigma around mental health is crucial," says Steve Demetriou, Jacobs' chair and CEO. During the pandemic, the firm launched its Mental Health Matters resilience program, which features live webinars on relaxation, coping mechanisms and physical health.

The program is an offshoot of Jacobs' Mental Health Matters effort, which created 1,900 trained mental health "champions" throughout the global organization. "We equipped our Positive Mental Health Champions with materials to assist employees with COVID-19-related mental health concerns," Demetriou says.

PROFESSIONAL Domestic Staff Hiring

154

187

INCREASE DECREASE STAYED THE SAME PROFESSIONAL

INTERNATIONAL

STAFF HIRING

19

35

28

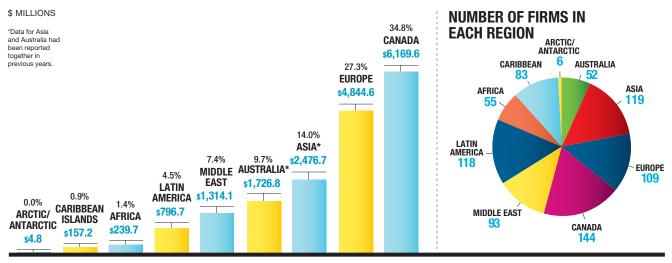
enr.com April 26/May 3, 2021 - ENR - 41

(MEASURED IN

SOURCE: ENR

FIRMS REPORTING)

International Market Analysis



Direct benefits provided another avenue for firms to assist their employees. "We set up Care.com benefits that help our employees more easily access childcare in response to ever-changing impacts on schools and day cares," says Kathleen Abbott, Arcadis' environment business line president. The firm also developed a health and safety app to allow employees to report and evaluate symptoms of COVID-19.

Congruex has offered employees paid time off to get the COVID-19 vaccine. "Due to the nature of our work, we find it extremely important to protect ourselves, our customers and our communities against the continued spread of the coronavirus," stresses Rob Reynolds, Congruex's chief information officer.

Work from home has created challenges beyond the logistics of supplying, engaging and coordinating a remote workforce. The high profile hacking of Zaha Hadid Architects, soon after the start of the pandemic in April 2020, highlighted the need for a robust cybersecurity infrastructure. Firms are also exposed through their third party vendors, as in the recent hacking of Arup's third party payroll provider, Symatrix.

"The SolarWind and Microsoft Exchange hacks have really disrupted federal and commercial markets," says Demetriou of Jacobs. Costs are rising as firms need to upgrade legacy systems and add cyber "sensors" to their



"Cyber insurance has increased 400%. Many clients are asking for greater limits and specific coverages,"

Steve Lane , CEO of SSR networks, not to mention offensive cyber "threat hunt" teams. According to Demetriou, "Our teams proactively and iteratively search through networks to detect and isolate threats. An active cyber defense is vital."

Other cyber security-related costs are rising as well. "Cyber insurance has increased 400%. Many clients are asking for greater limits and specific coverages," says Steve Lane, CEO of SSR. But clients are unwilling to pay for those increased costs, he adds. That cost is eaten by the firm. Companies that work with the U.S. Defense Dept. are being required to achieve Cybersecurity Maturity Model Certification, which aims to reduce their vulnerabilities. Building out infrastructure to satisfy that certification is yet another expense. "The regulations and requirements are incredibly rigorous and strict and have impacted many vendors and partners we conduct business with," says Prime AE's Buvanendaran.

Generally firms have adapted well to the reality of remote work. Creative use of video has helped firms check in on their employees and maintain company culture. "Some of our offices have done virtual murder mysteries," says Louis Armstrong, president and CEO of Kleinfelder. Virtual bingo and comedy shows have been on the menu over lunch at Pape Dawson.

Many more firms have discovered surprising benefits to remote work. "With our digital tools, we are now





JACOBS is co-designing Houston's Northeast Water Purification Plant, which will deliver 320 million gallons of safe water to the city each day.

OVERVIEW

building cross-office teams remotely," says Dana L. Harbaugh, NAC Architecture president and CEO. It allows the firm "to offer our clients the experience needed for their unique projects." This has helped NAC level workloads across offices, he adds.

Work from home has provided a reduction in some costs, particularly business travel. And lower levels of business travel look like they are here to stay. "One of the lessons from COVID has been the realization that a part of our 'typical' business travel can be eliminated using virtual communication tools," says B. Narayanan, president and CEO of Carollo Engineers. Reduced travel has also helped firms cut their carbon emissions. "Our reduced emissions have enabled us to meet our goal of becoming a carbon-neutral firm in 2021," says CallisonRTKL president and CEO Kim Heartwell.

Deciding if, when and how to bring people back into the office is top of mind for many executives. CO's Knudsen says "20% of our staff have never worked in a physical office together and the other 80% will have worked remotely for 18 months." The firm will make that transition slowly and methodically, she says.

Some employees would prefer to stay remote. "Surveys of our staff indicate more than one-third wish to continue working from home after we permanently return to the offices, at least part time," says Cuningham CEO Tim Dufault. The company is moving to full time hoteling in all workstations. "There is a necessity to make the desk solution as flexible as possible and able to accommodate any team member at any given time," he adds.

Most design firms say they will bring employees back into the office when it's feasible to do so, but many will be offering some sort of remote work option. A poll conducted for the American Institute of Architects' February 2021 Architectural Billings Index showed that only 56.5% of firms expect employees to work from the office every day, down from 74.4% pre-pandemic. Flexibility seems to be the key. "[It] will be a hybrid," says Armstrong of Kleinfelder. "But I think that hybrid will look different in many of our locations." He cites the differences between urban and suburban environments as a factor. "You have to take into consideration [employee] living situations," says Leahy of Perkins Eastman. For example, many New York City students have been home, studying remotely.

Firms are taking a hard look at what that new office space will look like. "We are exploring how it can be configured to support more collaborative/teamwork areas vs. a focus on the individual desks," says Dufault. Leahy agrees: "We need many more meeting spaces, bigger spaces [and] better video conferencing facilities."

Downsizing space also seems to be a prominent option for firms. Almost 30% of companies that responded to AIA's survey said they would need less office



COVID-19 is a universal concerr for design firms. Yet often overlooked is the pandemic's impact on employees.

A company-wide survey at Ardurra (No. 190) revealed nearly 40% of the firm's 500-plus employees battled anxious feelings about work and loneliness during the pandemic's early stages. The firm also saw an uptick in the use of staff mental health services. Putting heads together on a plan to help employees, leadership introduced a free subscription to the Calm meditation app to encourage teams to put mental health first. More than 300 employees responded.

"It's not just about engineering and work, it's about feeling good where you are at," explains CEO Ernesto Aguilar about the firm's investments in employee mental health. "I think a lot of people saw it as a way the company is thinking about them during these weird times."

The Calm app guides users through meditation, reads soothing stories for sleep and includes instructional podcasts that focus on handling stress and resetting the mind. "It takes a while but it does work," says Aguilar, who meditates every day. Since introducing the app, the firm reported a major increase in employee productivity, and already has plans to make the app available for another year. The firm also plans to

make work from home a permanent option for all employees.

"One of the things that we are most proud of is that our turnover rate is extremely low," says Aguilar. He believes small gestures have a big impact. "We send a signal to the employees that we care about their personal lives."

Beyond mental health, Ardurra is also working to establish a greater connection among the firm's more than 30 offices. Early last spring, the company celebrated its inaugural "Ardurra Day" with a virtual happy hour, and unveiled a top-down outreach program to foster "meaningful conversations" among staff.

Despite the pandemic, Ardurra acquired two Florida-based engineering firms specializing in water, wastewater and public works markets—Constantine Engineering Inc., and Pigeon-Roberts & Associates LLC.

"Last year was an incredible year for us," says Aguilar. "Our backlog has grown tremendously. Profitability is probably the best year we had. So, it's worked."

The Top 20 Design Firms by Sector

1	TRANSPORTATION	2		INDUSTRIAL PROCESS/ PETROLEUM	3		GENERAL BUILDING
RANK 2021 2		RAN 2021	IK 2020	Top 20 Revenue: \$11.3 Billion Top 20 Market Share: 81.3%		ANK 2020	Top 20 Revenue: \$ 9.6 billion Top 20 Market Share: 37.7%
1	1 AECOM	1	**	FLUOR CORP.	1	1	AECOM
2	2 JACOBS	2		WORLEY	2	2	GENSLER
3	3 HNTB COS.	3		WOOD	3	3	JACOBS
4	4 WSP USA	4	5	JACOBS	4	4	PERKINS&WILL
5	5 PARSONS	5	6	BECHTEL	5	7	KIMLEY-HORN
6	6 HDR	6	11	KIEWIT CORP.	6	5	STANTEC INC.
7	7 STANTEC INC.	7	3	S&B ENGINEERS AND CONSTRUCTORS LTD.	7	6	HDR
8	10 KIMLEY-HORN	8		BURNS & MCDONNELL	8	8	НКЅ
9	9 SNC-LAVALIN INC.	9		HARGROVE ENGINEERS + CONSTRUCTORS	9	9	НОК
10	8 STV GROUP INC.	10	9	GOLDER	10	12	TERRACON CONSULTANTS INC.
11	11 T.Y. LIN INTERNATIONAL	11	13	GULF INTERSTATE ENGINEERING CO.	11	11	SKIDMORE OWINGS & MERRILL
12	12 MICHAEL BAKER INTERNATIONAL	12		CRB	12	13	WSP USA
13	14 MOTT MACDONALD	13	16	EN ENGINEERING LLC	13	16	DLR GROUP
14	13 GANNETT FLEMING	14		IPS-INTEGRATED PROJECT SERVICES LLC	14	**	CALLISONRTKL
15	** FLUOR CORP.	15	**	KPFF CONSULTING ENGINEERS	15	20	CANNONDESIGN
16	16 JOHNSON MIRMIRAN & THOMPSON INC.	16	15	SNC-LAVALIN INC.	16	14	PERKINS EASTMAN
17	15 RS&H INC.	17	14	AEGION CORP.	17	15	SMITHGROUP
18	** EXP	18	12	TRC COS.	18	18	TETRA TECH INC.
19	18 RK&K	19	**	STANTEC INC.	19	19	IBI GROUP INC.
20	17 WOOD	20		EXP	20	**	THORNTON TOMASETTI

space compared with before the pandemic, according to its chief economist, Kermit Baker. "Some fairly significantly less," he adds.

"We have multiple offices that are nearing the end of leases and have taken a very different approach to assessing their space needs for the future," says Mike Medici, president and managing partner at SmithGroup. In the meantime, many firms are continuing to pay for unproductive space. "The additional cost of cleaning/disinfecting these spaces is not recoverable," says Cuningham's Dufault. Landlords have been understandably reluctant to allow a change in lease durations, he adds.

Design firms are also applying a new line of thinking to their designs for their clients. "The idea that being in an office is not important because of your desk, but because of your ability to work and socialize with others, face-toface," says Victor Vizgaitis, principal and chair of architecture for Sasaki. "There is a relationship between experience and place," adds Diane Hoskins, co-CEO of Gensler. "In the post-pandemic market, the real estate that provides the essential experiences that we can't replicate virtually or have delivered to our homes will be the most in demand."

Diversity, equity and inclusion (DEI) have always been a challenge for the design sector, but 2020 was different. "Following the brutal killing of George



"The real estate that provides the essential experiences that we can't replicate virtually or have delivered to our homes will be the most in demand."

Diane Hoskins, co-CEO of Gensler Floyd, this past year was a time for learning, reflection and leading the change," says Hoskins.

The Struggle for Diversity

There is plenty of work to do. According to the U.S. Bureau of Labor Statistics, Black workers make up 12.1% of all U.S. workers but only 6% of the architectural, engineering and related services group. Among professional and technical services fields tracked by the bureau, only scientific research and veterinary services have a smaller percentage of Black workers.

Women are also underrepresented, making up 46.8% of the U.S. workforce, but only 27% of the architectural, engineering and related services group. Only landscaping and waste management have lower proportions of women in professional and technical services.

Many clients are concerned. "Clients [are] asking for specifics on our firm's approach, philosophy and the action plans we have put in place to address justice, equity, diversity and inclusion (JEDI) issues," says Enrique Suarez, corporate marketing leader, HED.

Firms are responding. "We have created and filled a new role of diversity, equity and inclusion manager," says Woodard & Curran CEO Alyson Watson. The firm has also activated employee resource groups and established



4		HAZARDOUS WASTE 5			POWER	6		WATER
RANK 2021 2020		Top 20 Revenue: \$8.0 Billion Top 20 Market Share: 90.4%	RAI 2021		Top 20 Revenue: \$6.1 Billion Top 20 Market Share: 72.4%		NK 2020	Top 20 Revenue: \$5.3 Billion Top 20 Market Share: 74.3%
1	1	JACOBS	1	1	BURNS & MCDONNELL	1	1	TETRA TECH INC.
2	2	AECOM	2	2	BLACK & VEATCH	2	3	AECOM
3	3	ARCADIS NORTH AMERICA	3	3	POWER ENGINEERS INC.	3	2	JACOBS
4	5	TETRA TECH INC.	4		SARGENT & LUNDY	4	6	CDM SMITH
5	4	LEIDOS	5		TRC COS.	5	5	HDR
6	**	FLUOR CORP.	6	6	KIEWIT CORP.	6	8	STANTEC INC.
7	**	TRC COS.	7	11	JACOBS	7	4	BLACK & VEATCH
8	8	BECHTEL	8		AECOM	8	7	ARCADIS NORTH AMERICA
9	6	WOOD	9		LEIDOS	9	10	CAROLLO ENGINEERS INC.
10	9	GHD INC.	10		WSP USA	10	11	MICHAEL BAKER INTERNATIONAL
11	10	GEOSYNTEC CONSULTANTS	11		TETRA TECH INC.	11	13	BROWN AND CALDWELL
12	7	PARSONS	12	12	HDR	12	15	GHD INC.
13	11	SNC-LAVALIN INC.	13	18	NV5 GLOBAL INC.	13	17	GANNETT FLEMING
14	12	TERRACON CONSULTANTS INC.	14	17	WOOD	14	12	HAZEN AND SAWYER
15	16	WSP USA	15	15	ENERCON	15	16	WOOD
16	14	LANGAN	16	**	WORLEY	16	18	FREESE AND NICHOLS INC.
17	13	CDM SMITH	17	14	STANTEC INC.	17	**	MOTT MACDONALD
18	18	BURNS & MCDONNELL	18	19	WILLDAN	18	**	NV5 GLOBAL INC.
19	17	HALEY & ALDRICH INC.	19	20	ZACHRY GROUP	19	14	DEWBERRY
20	15	BROWN AND CALDWELL	20		ULTEIG ENGINEERS INC.	20	19	GEI CONSULTANTS INC.

a three-year plan to address topics including recruiting and mentorship. "We aren't where we need to be yet, but we are truly committed to making the changes we need to make to get there," adds Watson. Woodard & Curran also collaborated with RS&H and VHB to form the Design Professionals Coalition Diversity and Inclusion Working Group, under the aegis of the American Council of Engineering Companies. The group published a report highlighting best practices around DEI initiatives.

Industry executives are aware that progress needs to be measurable. "The implementation of our Strategies to Fight Racism [program] and the creation of global race and diversity committees in every region ensure that our commitment is more than just words," says Hoskins. Those bodies set measurable milestones and craft a diversity report.

Firms are also putting their money where their mouth is. "We developed the Emerging Black Architects Scholarship to create new pathways into the profession and reduce barriers for students in need of funding to continue their education," says Sharron van der Meulen, partner at ZGF Architects. The company is also hosting two students at its Washington, D.C., and Los Angeles offices as part of the National Organization of Minority Architects Foundation scholarship effort. SmithGroup's



"Clients are asking for specifics on our firm's approach, philosophy and the action plans we have put in place to address justice, equity, diversity and inclusion issues."

Enrique Suarez, corporate marketing leader of HED Equity, Diversity and Inclusion scholarship program is now in its fourth year.

Another area of focus has been establishing relationships with historically Black colleges and universities. "Record numbers of companies have approached [the National Society of Black Engineers (NSBE)] to partner," says Karl Reid, senior vice provost and chief inclusion officer at Boston's Northeastern University. "Engineering firms had really not explored it previously," he adds. Reid, formerly executive director of the NSBE, has seen an uptick in engagement with other underrepresented groups as well, including institutions serving Latino and tribal student communities.

Reid stresses the importance of engaging with candidates from minority groups and representative institutions early in the pipeline. "The companies that are really strategic form relationships early on. They're not going to cherry-pick at the end of the pipeline and say, 'OK, where are your seniors?" He cites corporations such as Honeywell in its support of NSBE's K-12 program, called NSBE Jr., as a way to "widen the pipe" for engineers of color.

Firms are also thinking about the way they interview. "We are developing an equitable interview process in which interviewers are better prepared to find the best fit while exploring a diverse pool of candidates," says Dino

The Top 20 Design Firms by Sector

7	SEWER AND WASTE	SEWER AND WASTE 8		TELECOMMUNICATIONS			MANUFACTURING
RANK 2021 2020	Top 20 Revenue: \$3.9 Billion Top 20 Market Share: 65.7%	RANK 2021 2020 RANK				ANK 2020	Top 20 Revenue: \$1.5 Billion Top 20 Market Share: 77.1%
1 1	JACOBS	1	1	JACOBS	1	2	JACOBS
2 2	TETRA TECH INC.	2		BLACK & VEATCH	2	3	WOOD
3 3	AECOM	3		TOWER ENGINEERING PROFESSIONALS	3	4	GHAFARI ASSOCIATES LLC
4 5	BROWN AND CALDWELL	4		BURNS & MCDONNELL	4	5	SSOE GROUP
5 6	HDR	5	6	EXP	5	**	EXYTE US INC.
6 9	HAZEN AND SAWYER	6	**	CONGRUEX	6	14	BURNS & MCDONNELL
7 4	CDM SMITH	7		CORGAN	7	**	WARE MALCOMB
8 7	BLACK & VEATCH	8	12	KCI TECHNOLOGIES INC.	8	7	GOLDER
9 10	CAROLLO ENGINEERS INC.	9	18	ESD	9	6	CHA CONSULTING INC.
10 11	SCS ENGINEERS	10	8	HDR	10	16	LEIDOS
11 8	STANTEC INC.	11	10	ECS	11	19	RS&H INC.
12 12	WOODARD & CURRAN	12	**	WSP USA	12	**	POND
13 13	GHD INC.	13	13	AECOM	13	**	MCKIM & CREED INC.
14 14	GEOSYNTEC CONSULTANTS	14		BECHTEL	14	17	SNC-LAVALIN INC.
15 **	ARCADIS NORTH AMERICA	15	17	KIMLEY-HORN	15	10	MATRIX TECHNOLOGIES INC.
16 15	BURNS & MCDONNELL	16	16	ADVANTAGE ENGINEERS	16	20	ECS
17 16	GREELEY AND HANSEN	17	19	SALAS O'BRIEN	17	**	COFFMAN ENGINEERS INC.
18 18	LJA ENGINEERING	18	15	WILLDAN	18	15	BRPH ARCHITECTS ENGINEERS INC.
19 17	WOOD	19	11	VANDERWEIL ENGINEERS	19	**	THE RUDOLPH LIBBE COS. INC.
20 **	KIMLEY-HORN	20	**	TERRACON CONSULTANTS INC.	20	**	AECOM

DeFeo, managing partner at AKF Group. The firm aims to ameliorate unconscious bias by designating a group of interviewers to review candidates.

The switch to virtual meetings has facilitated another kind of equity. "[They] are enabling greater access and inclusivity for community stakeholders to provide inputno matter where the stakeholders live, their access to transportation, their income level, ethnicity or ability to speak English," says Diana Mendes, corporate president of infrastructure and mobility equity at HNTB. The firm has developed the Public Involvement Management Application in conjunction with the Iowa Dept. of Transportation to foster transparent communication about transportation infrastructure projects. Virtual public meetings "allow the public to research the project material at their own pace and when it is convenient to them," says Garver's Holder. "As opposed to the one evening at the local high school between 6 to 9 p.m.-and if you had to take your kid to soccer practice, well, you just missed your chance," he adds.

The Talent Gap Widens

Acquiring, developing and retaining talent has long been a challenge for the industry, but the pandemic is increasing the difficulty for many firms. "Many young



"Where it may not have been feasible to bring an up-and-coming team member to a client meeting in the past, considering time and travel costs, it is now much easier to include them in a virtual meeting."

Bill Ashworth, COO of VHB professionals exited the profession [during the pandemic], and as markets begin to take off, everyone will be looking for talent in a smaller pool," says Dufault of Cuningham. He expects the shortage to be felt most keenly at mid-level positions.

Entry level candidates will likewise be hard to come by. "Universities are not producing enough graduates in key disciplines to accommodate industry needs," says Steve Davidson, executive vice president of American Structurepoint. That shortage may have been exacerbated by the pandemic. "There was a not insignificant percentage of students that took a semester or a year off," says Patrick Sheehan, president and CEO of GZA. "It'll be interesting to see what impact that has on engineering graduation rates over the next couple of years."

With supply down and demand on the rise, labor costs are increasing. "Everyone is giving their existing staff a raise because they don't want to lose them," says Gannett Fleming chairman and CEO Robert M. Scaer. "We haven't seen increases like this since before the Great Recession," says Bryan P. Powell, COO of Westwood, adding that labor costs are rising at a much greater rate than fees the marketplace will bear. With a possible boost in work from the looming federal infrastructure bill, "competition for talent will be fierce,"

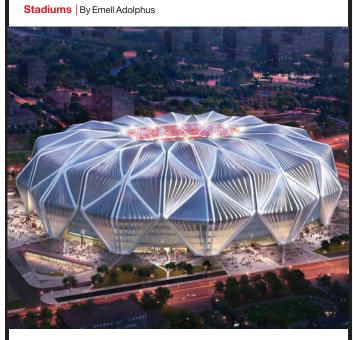
WSP acquired kW Mission Critical Engineering, No. 383 on last year's Top 500 Design Firms list.

says Kevin Fitzpatrick, president and CEO of Alfred Benesch & Co.

Still, while many firms focused on retaining talent during the pandemic, some have been able to expand. "We hired a significant number of new employees in 2020—increasing staff by more than 25% overall," says Matthew Oberts, senior vice president of SSOE. It was not alone. "We hired more new staff in 2020 than in the two prior years combined," says B. Narayanan of Carollo Engineers. The firm went into the pandemic with a goal of simply avoiding layoffs, but found an opportunity to strengthen its ranks. "Not surprisingly, there has been some excellent talent available in the market during this period," Narayanan adds.

CO Architects has also increased staff by 20% in the last year. "A benefit to the remote work environment is the ability to expand our pool of candidates outside of Southern California," says Knudson. "Since location is not a factor right now, we hired people in every U.S. time zone." With no need to relocate, new hires have been able to start earlier, she adds. Garver has found similar benefit to remote work. "It has allowed us to put staff in locations where we can find the talent as opposed to limiting our searches to a certain office location," says Holder. "In some areas of the country it is very difficult to find certain talents," he adds.

While remote work has facilitated recruitment efforts, it has created complications when it comes to mentoring



In Guangzhou, China, Gensler's "lotus crown" design for a \$1.7-billion soccer stadium provides 1.6 million sq ft in retail and recreational space. Planned seating capacity allows for up to 100,000 people. The stadium's bloom-like roof is a cultural nod to Chinese values of "nobleness, tenacity and unity," according to the firm (**No. 14**).

The Top 50 Designers in International Markets

R/ 2021	2020	
1	1	AECOM
2	**	FLUOR CORP.
3	2	JACOBS
4	4	TETRA TECH INC.
5	5	GOLDER
6	7	WOOD
7	**	WORLEY
8	6	INTERTEK-PSI
9	11	EXP
10	10	PARSONS
11	8	BLACK & VEATCH
12	9	BECHTEL
13	14	HDR
14	12	T.Y. LIN INTERNATIONAL
15	13	IBI GROUP INC.
16	15	GHD INC.
17	16	GENSLER

RA 2021	NK 2020	
18	18	KOHN PEDERSEN FOX ASSOCIATES PC
19	22	CDM SMITH
20	19	SKIDMORE OWINGS & MERRILL
21	**	CALLISONRTKL
22	28	MOTT MACDONALD
23	24	MORRISON HERSHFIELD
24	20	PERKINS&WILL
25	23	НОК
26	36	INTEGRAL GROUP
27	26	ARUP
28	27	NORR
29	29	PERKINS EASTMAN
30	32	POPULOUS
31	25	AEGION CORP.
32	17	ARCADIS
33	34	PAGE
34	43	KIEWIT CORP.

RA 2021	NK 2020	
35	35	SARGENT & LUNDY
36	21	BURNS & MCDONNELL
37	38	GEOSYNTEC CONSULTANTS
38	33	THORNTON TOMASETTI
39	31	WATG
40	30	HKS
41	41	IPS-INTEGRATED PROJECT SERVICES LLC
42	42	STANLEY CONSULTANTS
43	**	WSP USA
44	46	POWER ENGINEERS INC.
45	39	NBBJ
46	44	GANNETT FLEMING
47	**	COWI NORTH AMERICA
48	**	THE MILLER HULL PARTNERSHIP LLP
49	48	DAY & ZIMMERMANN
50	**	NV5 GLOBAL INC.

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The Top 100 Pure Designers

RANK		FIRM TYPE
1	JACOBS	EAC
2	HDR	EA
3	WSP USA	E
4	STANTEC INC.	EA
5	HNTB COS.	EA
6	GENSLER	Α
7	KIMLEY-HORN	E
8	ARCADIS NORTH AMERICA	E
9	TRC COS.	E
10	INTERTEK-PSI	0
11	LEIDOS	E
12	TERRACON CONSULTANTS INC.	E
13	EXP	EA
14	NV5 GLOBAL INC.	E
15	GHD INC.	E/ENV
16	MOTT MACDONALD	E
17	GANNETT FLEMING	EA
18	MICHAEL BAKER INTERNATIONAL	EA
19	PERKINS&WILL	А
20	POWER ENGINEERS INC.	E
21	STV GROUP INC.	EA
22	T.Y. LIN INTERNATIONAL	EA
23	SARGENT & LUNDY	E
24	DEWBERRY	EA
25	BROWN AND CALDWELL	E
26	НОК	AE
27	ARUP	E
28	HKS	А
29	GEOSYNTEC CONSULTANTS	E
30	WILLDAN	E
31	IBI GROUP INC.	AE
32	KLEINFELDER	EA
33	RS&H INC.	EA
34	KCI TECHNOLOGIES INC.	EC
35	SKIDMORE OWINGS & MERRILL	AE

RANK		FIRM TYPE
36	JOHNSON MIRMIRAN & THOMPSON INC.	EA
37	LANGAN	E
38	CHA CONSULTING INC.	EA
39	HAZEN AND SAWYER	E
40	VHB	E
41	LJA ENGINEERING	E
42	CARDNO INC.	E
43	WOOLPERT INC.	AE/GE
44	DLR GROUP	AE
45	RK&K	E
46	THORNTON TOMASETTI	EA
47	CALLISONRTKL	А
48	GREENMAN-PEDERSEN INC. (GPI)	E
49	CANNONDESIGN	AE
50	SMITHGROUP	AE
51	PERKINS EASTMAN	А
52	ECS	E
53	CONSOR ENGINEERS LLC	E
54	EN ENGINEERING LLC	E
55	WOODARD & CURRAN	E
56	ZGF ARCHITECTS LLP	Α
57	ENERCON	E
58	NBBJ	Α
59	OLSSON INC.	E
60	IMEG CORP.	E
61	KPFF CONSULTING ENGINEERS	E
62	KOHN PEDERSEN FOX ASSOCIATES PC	Α
63	POND	EA
64	STANLEY CONSULTANTS	EA
65	TRANSYSTEMS	E
66	GEI CONSULTANTS INC.	E
67	UNIVERSAL ENGINEERING SCIENCES	GE
68	GRESHAM SMITH	AE
69	CORGAN	A
70	VOLKERT INC.	E

RANK		FIRM TYPE
71	DAVID EVANS ENTERPRISES INC.	E
72	PENNONI	E
73	GULF INTERSTATE ENGINEERING CO.	EC
74	LEO A DALY	AE
75	HGA	AE
76	CIVIL & ENVIRONMENTAL CONSULTANTS	E
77	MEAD & HUNT INC.	EA
78	SAM LLC	Е
79	MOFFATT & NICHOL	E
80	POPULOUS	А
81	HALFF ASSOCIATES INC.	EA
82	FOTH COS.	E
83	ATWELL LLC	E
84	FREESE AND NICHOLS INC.	EA
85	GARVER	E
86	WHITMAN REQUARDT AND ASSOCIATES	EA
87	PGAL	AE
88	COLLIERS ENGINEERING & DESIGN	Е
89	BARR ENGINEERING CO.	E
90	РВК	AE
91	ALFRED BENESCH & CO.	E
92	MERRICK & CO.	EA
93	BRAUN INTERTEC CORP.	E
94	WISS JANNEY ELSTNER ASSOCIATES	EA
95	BGE INC.	E
96	NELSON WORLDWIDE	AE
97	SALAS O'BRIEN	EA
98	WARE MALCOMB	AE
99	AFFILIATED ENGINEERS INC.	E
100	WESTWOOD PROFESSIONAL SERVICES	Е

KEY TO TYPE OF FIRM

A=architect, E=engineer, EC=engineer-contractor AE=architect-engineer, EA=engineer-architect ENV=environmental, GE=geotechnical engineer

L=landscape architect, P=planner and O=other.

Other combinations are possible. Firms classified themselves.

employees. "In the studio, if you're mentoring somebody you can guide them very quickly. It's happening in front of their eyes," says Leahy of Perkins Eastman. That same process can't happen outside of the studio, he believes. Although technology such as sketching apps have come a long way, "online drawing together in a convincing way is still lacking," says Sasaki's Vizgaitis.

Other firms are seeing developmental opportunities in remote work. "Where it may not have been feasible to bring an up-and-coming team member to a client meeting in the past, considering time and travel costs, it is now much easier to include them in a virtual meeting," says Bill Ashworth, COO at VHB. Richard Clarke, senior



For expanded content on ENR's Top Lists, see ENR. com/toplists. design principal at EYP, agrees: "They are getting more exposure with project teams and more direct interaction with clients. It's been a really positive impact."

Work from home has also changed the onboarding process. Gannett Fleming's process was location specific says CEO Scaer. It has since redesigned and standardized its program across all offices. SSOE management started a "meet and eat" program over FaceTime. "We get to know new team members in a casual setting," says SSOE's Oberts. The firm also provides lunch.

Use of online platforms Zoom and Teams has also caused firms to rethink who does their training. "We can now connect any expert with any of our employees, with-



TERRACON has developed TARGETID, a field data collection tool for capturing testing and inspection data.

out concern for geographic barriers," explains Jim Haynes, chief administrative officer of POWER Engineers. It has also facilitated cross-training. "Our engineers work on projects throughout the state and across civil disciplines, sharing best practices to improve project design," says Pape Dawson CEO Sam Dawson. Crosstraining helps the firm be flexible in the face of market shifts, he adds.

Planning for an Unknown Future

For many firms the biggest challenge for this year is uncertainty. "Will the world reopen in 2021?" asks Sasaki's Vizgaitis. "Will clients respond to that by re-engaging planners, designers, builders? Or will they continue to hold off?" Matt McElvogue, director of building enclosure services at Terracon, agrees. "For possibly the first time in modern history, we are not trying to study trends but are trying to predict the consequences of dramatic shifts in dependent industries," he contends.

Some leaders are not sanguine. "2021 is sizing up to be a year when many projects are on hold and there are limited new project opportunities with the green light to go ahead," says Erik Ring, director of engineering at LPA Design. "Those opportunities will be subject to increased competition. Adds Buvanendaran of Prime AE: "As an industry, 2021 will be a rebuilding year. We are all navigating cautiously but have significant work to do to get back on fiscal track."

Other firms are worried about rising costs. "The global supply chain remains vulnerable to disruption, which was illustrated during the pandemic and most recently by the Suez Canal accident," says Iver Skavdal, executive general manager, USA, at GHD. Those disruptions have pushed up material costs, he adds.

Sasaki's Vizgaitis is also seeing rising costs: "Bottlenecks in manufacturing and accessibility of materials and labor seems to be driving up costs, despite a market expectation that early lack of construction work would push them in the other direction." This may slow down the market again, he warns.

Dawson adds: "We anticipate a greater emphasis on value engineering to balance budgets as clients are facing escalated contractor and material costs."

Replacing backlog is another problem. "Clients realize that 2021/22 budgets will not be as healthy as the recent past," says David Wantman, CEO of WGI Inc. Previously robust backlogs have shrunk and sales could be problematic from the second quarter through year-end. "Fluctuating revenue streams at the state and local level left many programs in flux in the last year," says Malcolm Dougherty, national practice executive at Michael Baker International. The passage of a robust infrastructure bill would help alleviate some of those

Movers and Shakers | By Emell Adolphus Designers Rising High



The design market has seen its share of ups and down in the last five years. Likewise, the Top 500 Design Firms list has seen firms rise and fall.

One of those rising is Garver (No. 106), which has jumped 60 places since 2017. The firm's revenue has grown from under \$80 million in 2017 to almost \$180 million on this year's list.

Garver's success is driven by its people, says President and CEO Brock Hoskins. "Our people have a passion for excellence, are driven by the willingness to perform and want to earn and maintain the role of being each client's most trusted advisor," he says. Hoskins sees his role as providing the tools to help them succeed. The challenge now is in keeping up with a rapidly changing market.

"[Presidential] executive orders seem to be making changes happen quicker than any time we have seen in the past," says Jerry Holder, senior vice president and director of transportation at Garver. "We have been told to slow down on some planning studies because our client is worried that the work we are doing based on today's requirements may not apply in the near future."

Similarly, Tower Engineering Professionals (No. 135) empowers its employees to set company growth. Tower's revenue has grown to \$133.5 million on the 2021 list, from \$46 million in 2017. The company, started in 1997, found a niche in hiring engineers unafraid to climb 400-ft-tall cell towers. Since then, employees have chased new heights.

"They are competitive as hell and not afraid to take risks. That core culture exists today, and it just exudes," says CEO and co-founder Andrew T. Haldane. "I am not going to say we weren't afraid of a pandemic. But, it takes a lot to faze these guys."

During years of growth, Tower purchased a site acquisition firm in 2017, a fiber company in 2018 and a Canadian engineering firm in 2019.

"Over 20-plus years, we've looked to add different service lines to complement those core services in the telecom industries," says Haldane. Additionally, Tower developed a land surveying business and added two geotechnical labs on opposite coasts to handle telecommunications.

The Top 500 Dialogue

Do you see any existing or new technologies that are helping the design process?



KUMAR BUVANENDARAN, CEO PRIME AE GROUP Baltimore

Adaptation of software like Open Roads creates design efficiencies, especially the ability to make changes to the design and quickly understand the impacts of those changes.



MATTHEW OBERTS, SENIOR VP SSOE GROUP Toledo, Obio

We're employing the use of Cintoo Cloud, a 3D mesh technology that enhances the value of laser scanning data in BIM, providing the ability to quickly load large data sets to iPads and laptops.



JERRY HOLDER, SENIOR VP GARVER Little Rock, Ark.

The ability to gather information through LIDAR and drones is changing the efficiency with which we can obtain information and is a game changer from a cost and a safety standpoint.



JENNA KNUDSEN, PRINCIPAL CO ARCHITECTS Los Angeles

We've been using Miro, a digital white board. It's the best tool we've found to recreate a pin-up or white board with the ability for everyone to comment, sketch and inform the design process.





ERNESTO PACHECO, DIR. OF VISUALIZATION CANNONDESIGN New York City

Our partners are moving forward with the adoption of the Universal Scene Description file format and Material Definition Language to allow for true interoperability among all design applications.

ERNESTO AGUILAR, CEO ARDURRA GROUP Tampa, Fla.

We have seen a significant increase in the use of alternative project delivery methods, which we attribute to the increase in cost control and certainty, as well as the ability to expedite the

Are you seeing more or less use of alternative



schedule.

DAVID WANTMAN, CEO WGI West Palm Beach, Fla.

We are seeing much more time and effort in contract language that affords protection to team members. Litigation expenses are landing in the laps of insurance carriers. Premiums are escalating rapidly.





SHARRON VAN DER MEULEN, PARTNER ZGF ARCHITECTS Portland, Ore.

We are seeing more methods of project delivery, particularly in health care but not limited to that market. Owners are keen on finding ways to reduce risk and have more certainty in costs and schedule.



STEVE MCELLIGOTT, MARKET LEADER VHB Watertown Mass

Alternative delivery is really becoming preferred delivery. Clients who hadn't used alternative delivery in the past are starting to use it. DOTs are predominantly looking toward alternative delivery to accelerate projects and transfer risk.



BRIAN GERSTMAR, CEO NORR Chicago

Integrated Project Delivery (IPD) is on the rise. The benefits of this method are coming to light for critical projects that have been delayed due to the pandemic.













WOOLPERT announced a partnership with MSD Partners, an SEC-registered investment advisor located in New York City.

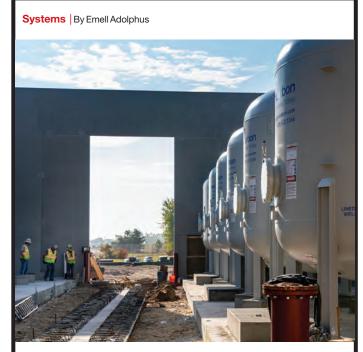
concerns. He also hopes for federal guidance on alternatives to the gas tax. "[It's] becoming less reliable with more fuel-efficient vehicles and less travel overall," Dougherty says.

Still, there are opportunities to be had. The rise of telehealth and need to develop new solutions for hospitals are key drivers. HGA partnered with the Boldt Co. to develop the STAAT Mod, a modular critical care solution for hospitals. "It's a repeatable solution and can be adapted and assembled in many different arrangements," depending on the needs of the institution, says Scott Lindvall, the firm s COO. A unit is currently in place in Northside Hospital Gwinnett in Lawrenceville, Ga.

Firms also anticipate trends emerging in the wake of the single-family housing boom. "We are seeing substantial market growth from our clients in education," says Christopher M. Huckabee, CEO of design firm Huckabee. Housing starts are at "historic levels," he says. Corporate relocation has also factored in. "Surban" neighborhoods also continue to grow in popularity.

Clients also want to invest in energy transition and sustainability. "Solar and storage is a big play now," says Ray Kowalik, CEO of Burns & McDonnell. He also sees widespread interest in renewable alternatives to fossil fuels. "Another game-changer for our practice is the waste-toenergy market," says American Structurepoint's Davidson. It is working to develop many such waste-to-energy sites, he says. Kowalik sees subsidies from state and national governments as helping to drive investment in developing low-carbon feedstocks for renewable fuels.

The shift to electric vehicles is also generating opportunities. "Traditional OEMs are looking to modify existing facilities," says SSOE's Oberts. He also sees greenfield facilities for new EV manufacturers "and the demand to produce lithium-ion batteries to power them." More electrification will mean more stress o current generation and transmission infrastructure, notes Kowalik, who sees continued and growing in-



Barr Engineering Co. **(No. 110)** is designing a drinking water treatment plant that will use greensand filters to clean 2.2 million gallons of water per day for residents of Bemidji, Minn.

vestment in energy storage batteries and in upgrades to electricity delivery systems.

Ultimately, many see the post-pandemic new normal, whatever form it takes, as an opportunity. "The AEC industry must recognize the connection between sustainability and the long-term value of the built environment," says Andy Cohen, co-CEO of Gensler. Environmental, social and governance considerations are business imperatives, he says. "Buildings and developments that do not support health and wellness will lose value because people will refuse to occupy them."

How To Read the Tables

KEY TO TYPE OF FIRM

A architect, E engineer, EC engineer-contractor, AE architect-engineer, EA engineer-architect, ENV environmental, GE geotechnical engineer, L landscape architect, P planner and O other. Other combinations are possible. Firms classified themselves.

Companies are ranked according to revenue for design services performed in 2020 in \$ millions (*). Those with subsidiaries are indicated by (†). For information on subsidiaries and where each fir worked outside of the U.S., see www.enr.com. **Firms not ranked last year. Some markets may not add up to 100% due to omission of "other" miscellaneous market category and rounding. NA-Not available.

General Building as a category includes commercial buildings, offices, stores, educational facilities, government buildings, hospitals, medical facilities, hotels, apartments, housing, etc.

Hazardous Waste includes chemical and nuclear waste treatment, asbestos and lead abatement, etc.

Industrial Process comprises pulp and paper mills, steel mills, nonferrous metal refineries, pharmaceutical plants, chemical plants, food and other processing plants, etc.

Manufacturing includes auto, electronic assembly, textile plants. etc.

Petroleum includes refineries, petrochemical plants, offshore facilities, pipelines, etc.

Power comprises thermal and hydroelectric power plants, waste-to-energy plants, transmission lines, substations, cogeneration plants, etc.

Sewerage / Solid Waste includes sanitary and storm sewers, treatment plants, pumping plants, incinerators, industrial waste facilities, etc.

Telecommunications comprises transmission lines and cabling, towers and antennae, data centers, etc.

Transportation includes airports, bridges, roads, canals, locks, dredging, marine facilities, piers, railroads, tunnels, etc.

Water Supply includes dams, reservoirs, transmission pipelines, distribution mains, irrigation canals, desalination and potability treatment plants, pumping stations, etc.

The Top 500 List

RAN 2021		FIRM	FIRM TYPE	2020 REVE TOTAL	NUE \$ Mil . INT'L	GENERAL	MANUFACTUR	POWER	WATER SUD.	SEWER / Wing	INDUS. / PEN	TRANSPORT	HAZARDOLIC	TELECOM
1	1	JACOBS, Dallas, Texas [†]	EAC	10,187.5	2,909.0	8	7	3	8	7	11	28	22	5
2	2	AECOM, Los Angeles, Calif.	EA	7,862.2	3,606.4	21	0	4	13	4	1	42	14	1
3	**	FLUOR CORP., Irving, Texas [†]	EC	3,881.1	2,962.4	0	0	0	0	0	80	9	10	0
4	А	TETRA TECH INC., Pasadena, Calif.	E	2,985.0	840.0	9	1	8	43	12	2	5	20	0
5	ד **	WORLEY, Houston, Texas [†]	EC	2,503.0	413.1	0	0	7	0	0	91	0	0	0
6	6	HDR, Omaha, Neb. [†]	EA	2,360.9	312.8	21	0	10	10	11	2	43	1	2
7	5	WOOD, Houston, Texas	EC	2,300.9	500.5	4	6	7	4	3	53	10	10	0
8	7		E	2,041.1	33.7	14	0	13	4	0	2	61	7	3
9	7 9	WSP USA, New York, N.Y.			55.4	14	2	42	2	4			5	7
10	_	BURNS & MCDONNELL, Kansas City, Mo. ⁺	EAC EA	1,866.8 1,820.4	0.0	28	1	42 9	13	10	17 6	10 29	1	0
+	8	STANTEC INC., Irvine, Calif. [†]												1
11	12	PARSONS, Centreville, Va. [†]	EC	1,453.4	335.9	6	0	0	3	0	1	73	15	0
12	14	HNTB COS., Kansas City, Mo.	EA	1,451.2	4.3	2	0	0	2	1	0	95	0	
13	11	BLACK & VEATCH, Overland Park, Kan. ⁺	EC	1,347.4	332.8	7	0	43	15	15	6	1	1	11
14	10	GENSLER, Los Angeles, Calif.	A	1,320.2	222.5	92	0	0	0	0	0	6	0	2
15	17	KIMLEY-HORN, Raleigh, N.C.	E	1,227.7	5.2	44	0	4	3	5	0	41	0	4
16	13	ARCADIS NORTH AMERICA, Highlands Ranch, Colo.	E	1,095.0	60.0	4	0	0	15	8	0	10	63	0
17	16	SNC-LAVALIN INC., Tampa, Fla. [†]	EAC	1,092.9	0.0	8	2	3	4	0	14	45	16	0
18	23	KIEWIT CORP., Omaha, Neb. [†]	EC	1,036.4	58.9	4	0	37	2	1	40	16	0	0
19	20	TRC COS., Lowell, Mass.	E	1,031.3	11.2	0	0	43	2	1	12	12	30	1
20	18	GOLDER, Palm Beach Gardens, Fla. [†]	E	995.0	722.6	8	4	9	4	4	27	17	3	0
21	15	INTERTEK-PSI, Arlington Heights, III. [†]	0	909.4	400.0	25	12	1	0	1	55	6	0	0
22	21	LEIDOS, Reston, Va.	E	885.8	13.7	0	4	30	0	0	0	0	66	0
23	19	BECHTEL, Reston, Va. [†]	EC	864.0	320.0	1	0	3	0	0	51	6	34	6
24	22	TERRACON CONSULTANTS INC., Olathe, Kan.†	E	833.0	2.0	40	1	11	3	2	5	18	16	4
25	25	CDM SMITH, Boston, Mass. [†]	EC	779.5	143.7	0	0	0	34	26	0	27	13	0
26	29	EXP, Chicago, III.	EA	716.5	370.9	29	0	2	4	3	15	33	0	13
27	27	NV5 GLOBAL INC., Hollywood, Fla. [†]	E	707.7	18.9	30	0	29	10	2	0	26	2	0
28	26	GHD INC., Irvine, Calif. ⁺	E/ENV	673.0	232.9	17	0	1	14	14	5	10	36	0
29	30	MOTT MACDONALD, Iselin, N.J. [†]	E	653.0	107.1	2	0	5	12	7	16	56	1	0
30	33	GANNETT FLEMING, Camp Hill, Pa.	EA	651.3	29.9	14	0	4	14	6	7	55	0	0
31	31	MICHAEL BAKER INTERNATIONAL, Pittsburgh, Pa. [†]	EA	601.7	11.5	16	0	1	17	0	2	61	2	1
32	28	PERKINS&WILL, Chicago, III. [†]	A	595.3	96.1	93	0	0	0	0	0	7	0	0
33	34	POWER ENGINEERS INC., Hailey, Idaho	E	577.0	32.5	0	0	91	0	0	9	0	0	0
34	32	STV GROUP INC., New York, N.Y. [†]	EA	566.5	14.6	15	0	0	0	0	0	85	0	0
35	38	T.Y. LIN INTERNATIONAL, San Francisco, Calif. [†]	EA	522.5	272.2	9	0	0	2	2	0	87	0	0
36	37	SARGENT & LUNDY, Chicago, III. [†]	E	520.5	58.8	0	0	92	0	0	2	0	6	0
37	36	DEWBERRY, Fairfax, Va. [†]	EA	463.1	0.0	29	0	5	15	9	0	37	0	4
38	40	BROWN AND CALDWELL, Walnut Creek, Calif. [†]	E	448.1	0.0	0	0	0	22	63	0	0	16	0
39	35	HOK, St. Louis, Mo.	AE	447.3	85.3	88	0	0	0	0	0	12	0	0
40	39	ARUP, New York, N.Y. [†]	E	424.7	68.7	45	0	0	2	0	5	45	0	4
41	42	HKS, Dallas, Texas	A	420.2	40.1	100	0	0	0	0	0	0	0	0
42	46	GEOSYNTEC CONSULTANTS, Boca Raton, Fla. [†]	E	395.4	53.2	0	0	12	7	21	3	1	55	0
43	41	WILLDAN, Anaheim, Calif.	E	391.4	0.0	39	0	32	0	0	0	14	0	9
44	24	S&B ENGINEERS AND CONSTRUCTORS LTD., Houston, Texas [†]	EC	377.0	0.0	0	0	0	0	0	95	5	0	0
45	44	IBI GROUP INC., Columbus, Ohio	AE	376.6	251.7	67	0	0	0	1	0	12	0	0
46	63	KLEINFELDER, San Diego, Calif. [†]	EA	350.6	15.0	13	1	22	11	10	17	23	0	0
47	48	RS&H INC., Jacksonville, Fla. [†]	EA	350.0	0.0	7	9	0	0	0	0	84	0	0
48	54	KCI TECHNOLOGIES INC., Sparks, Md. [†]	EC	344.4	0.0	10	0	8	4	3	0	52	1	17
49	43	SKIDMORE OWINGS & MERRILL, New York, N.Y. [†]	AE	340.8	122.0	84	0	0	0	0	0	16	0	0
50	51	CAROLLO ENGINEERS INC., Walnut Creek, Calif.	E	330.5	0.0	0	0	0	40	60	0	0	0	0

#65 CANNONDESIGN is designing the LAC + USC Restorative Care Village in L.A. It will provide interim care for the homeless discharged from hospitals.

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52 53 LANGAN, Parsippany, N.J. [†] E 323.0 8.0 56 0 7 0 0 2 53 50 CHA CONSULTING INC, Abany, N.Y. [†] EA 318.2 4.7 41 11 11 11 1 3 5 54 56 HAZEN AND SAWYEN, N.Y. E 303.8 2.0 0 0 0 2.9 71 0 0 9 55 65 HAZEN AND SAWYEN, N.Y. E 303.8 2.0 0 0 0 2.9 0 0 0 2.9 0 0 0 1 3 0 9 66 67 WB, Walertown, Mass E 2.93.1 0.0 0 0 11 1 1 16 16 11 1 1 16 16 10 0 0 0 0 0 0 0 10 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 32 0 27 1 0 0 0 0 0 0 0 0 0 0 59 3 0 49 0 1 18 0 0 23 0 0 0 0 0 13 0 1 1 0 0 72 0 0 3 0 0 13 11 20 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
53 60 CHA CONSULTING INC., Albany, NY.† EA 318.2 4.7 41 11 11 1 3 5 54 56 HAZEN AND SAWYER, New York, NY. E 303.8 2.0 0 0 2.9 71 0 55 47 HARGOVE ENGINEERS - CONSTRUCTORS, Mobile, Ala.† EC 295.7 0.0 0 1 3 0 0 96 56 55 VHB, Watertown, Mass. E 294.9 0.0 0 0 13 24 3 58 49 CARDNO INC., Lone Tree, Colo. E 288.2 8.2 27 0 11 1 1 16 59 72 WOOLPERT INC., Dayton, Ohio ¹ AE/OE 283.2 6.3 17 0 3 0 <td>27 1 0 0 0 0 0 0 0 59 3 0 49 0 1 18 0 0 23 0 0 0 0 0 13 0 1 1 0 0 72 0 0 3 0 0 13 11 20 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td>	27 1 0 0 0 0 0 0 0 59 3 0 49 0 1 18 0 0 23 0 0 0 0 0 13 0 1 1 0 0 72 0 0 3 0 0 13 11 20 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
54 56 HAZEN AND SAWYER, New York, N.Y. E 303.8 2.0 0 0 0 29 71 0 55 47 HARGROVE ENGINEERS + CONSTRUCTORS, Mobile, Ala. ¹ EC 295.7 0.0 0 1 3 0 0 96 56 57 HB, Waterhown, Mass. E 294.9 0.0 0 0 1 3 0 0 96 57 65 LJA ENGINEERN (Houston, Texas ¹ E 298.2 82.2 27 0 1 1 1 16 57 05 LJA ENGINEERN (Loon Tree, Colo. E 288.2 82.2 27 0 1 1 1 16 57 WOOLPERT INC, Dayton, Ohio ¹ AE/CE 283.6 6.3 17 0 <td>0 0 0 0 0 0 59 3 0 49 0 1 18 0 0 23 0 0 0 0 0 13 0 1 1 0 0 72 0 0 3 0 0 13 11 20 3 0 0 0 0 0 13 0 0</td>	0 0 0 0 0 0 59 3 0 49 0 1 18 0 0 23 0 0 0 0 0 13 0 1 1 0 0 72 0 0 3 0 0 13 11 20 3 0 0 0 0 0 13 0 0
56 47 HARGROVE ENGINEERS + CONSTRUCTORS, Mobile, Ala. ! EC 295.7 0.0 0 1 3 0 0 96 56 57 VHB, Watertown, Mass. E 294.9 0.0 26 0 8 0 3 0 57 65 LA ENGINEERING, Houston, Texas [†] E 298.1 0.0 0 0 1 <	0 0 0 59 3 0 49 0 1 18 0 0 23 0 0 0 0 0 23 0 0 0 0 0 13 0 1 1 0 0 72 0 0 3 0 0 13 11 20 83 0 0 0 0 9
55 VHB, Watertown, Mass. E 294.9 0.0 26 0 8 0 3 0 57 65 LJA ENGINEERING, Houston, Texas [†] E 289.1 0.0 0 0 13 24 3 58 49 CARONO INC, Lone Tree, Colo. E 288.2 8.2 27 0 11 1 1 16 59 72 WOOLPERT INC, Dayton, Ohio [†] AE/GE 283.6 6.3 17 0 3 0 7 0 60 10 LR GROUP, Minneapolis, Minn. AE 275.0 10.4 100 0	59 3 0 49 0 1 18 0 0 23 0 0 0 0 0 23 0 0 0 0 0 13 0 1 1 0 0 72 0 0 3 0 0 13 11 20 83 0 0 0 0 9
57 65 LJA ENGINEERING, Houston, Texas [†] E 289.1 0.0 0 0 13 24 3 58 49 CARDNO INC., Lone Tree, Colo. E 288.2 8.2 27 0 11 1 1 16 57 65 LJA ENGINEERING, Houston, Texas [†] E 288.2 8.2 27 0 11 1 1 16 58 49 CARDNO, INC., Lone Tree, Colo. E 288.6 6.3 17 0 3 0 7 0 60 61 DLR GROUP, Minneapolis, Minn. AE 279.5 10.4 100 0	49 0 1 18 0 0 23 0 0 0 0 0 13 0 1 1 0 0 72 0 0 0 0 0 3 0 0 13 11 20 83 0 0 0 0 9
58 49 CARDNO INC., Lone Tree, Colo. E 288.2 8.2 27 0 11 0 3 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1	18 0 0 23 0 0 0 0 0 86 0 0 13 0 1 1 0 0 72 0 0 0 0 0 3 0 0 13 11 20 83 0 0 0 0 9
59 72 WOOLPERT INC., Dayton, Ohio [†] AE/GE 283.6 6.3 17 0 3 0 7 0 60 61 DLR GROUP, Minneapolis, Minn. AE 279.5 10.4 100 0	23 0 0 0 0 0 86 0 0 13 0 1 1 0 0 72 0 0 0 0 0 3 0 0 13 11 20 83 0 0 0 0 9
60 61 DLR GROUP, Minneapolis, Minn. AE 279.5 10.4 100 0 0 0 0 0 61 62 RK&K, Baltimore, Md. E 276.1 0.0 3 0 0 3 7 2 62 SK&K, Baltimore, Md. E 276.1 0.0 3 0 0 0 0 0 0 2 63 ** CALLISONRTKL, Baltimore, Md. A 273.0 111.6 99 0	0 0 0 86 0 0 13 0 1 1 0 0 72 0 0 0 0 0 3 0 0 0 0 0 13 11 20 83 0 0 0 0 9
61 62 RK&K, Baltimore, Md. E 276.1 0.0 3 0 0 3 7 2 62 57 THORNTON TOMASETTI, New York, N.Y. EA 275.0 52.2 84 0 1 0 0 2 63 ** CALLISONRTKL, Baltimore, Md. A 273.0 111.6 99 0 <t< td=""><td>86 0 0 13 0 1 1 0 0 72 0 0 0 0 0 3 0 0 0 0 0 13 11 20 83 0 0 0 0 9</td></t<>	86 0 0 13 0 1 1 0 0 72 0 0 0 0 0 3 0 0 0 0 0 13 11 20 83 0 0 0 0 9
62 57 THORNTON TOMASETTI, New York, N.Y. EA 275.0 52.2 84 0 1 0 0 2 63 ** CALLISONRTKL, Baltimore, Md. A 273.0 111.6 99 0	13 0 1 1 0 0 72 0 0 0 0 0 3 0 0 0 0 0 13 11 20 83 0 0 0 0 9
63 ** CALLISONRTKL, Baltimore, Md. A 273.0 111.6 99 0 0 0 0 64 64 GREENMAN-PEDERSEN INC. (GPI), Babylon, N.Y. E 269.1 0.0 14 0 8 1 1 22 65 67 CANNONDESIGN, New York City, N.Y.† AE 269.0 5.0 100 0 0 0 0 0 0 0 66 58 SMITHGROUP, Detroit, Mich. AE 267.2 3.1 97 0 <td>1 0 0 72 0 0 0 0 0 3 0 0 0 0 0 13 11 20 83 0 0 0 0 9</td>	1 0 0 72 0 0 0 0 0 3 0 0 0 0 0 13 11 20 83 0 0 0 0 9
64 64 GREENMAN-PEDERSEN INC. (GPI), Babylon, N.Y. E 269.1 0.0 14 0 8 1 1 2 65 67 CANNONDESIGN, New York City, N.Y.† AE 269.0 5.0 100 <	72 0 0 0 0 0 0 3 0 0 0 0 0 0 0 0 0 13 11 20 0 0 83 0 0 0 9
65 67 CANNONDESIGN, New York City, NY. [†] AE 269.0 5.0 100 0 0 0 0 0 66 58 SMITHGROUP, Detroit, Mich. AE 267.2 3.1 97 0	0 0 0 3 0 0 0 0 0 13 11 20 83 0 0 0 0 9
66 58 SMITHGROUP, Detroit, Mich. AE 267.2 3.1 97 0 0 0 0 0 0 67 60 PERKINS EASTMAN, New York, N.Y.† A 264.0 66.1 100 0 <t< td=""><td>3 0 0 0 0 0 0 13 11 20 0 83 0 0 0 0 0 9 9</td></t<>	3 0 0 0 0 0 0 13 11 20 0 83 0 0 0 0 0 9 9
67 60 PERKINS EASTMAN, New York, N.Y. [†] A 264.0 66.1 100 0 <th< td=""><td>0 0 0 13 11 20 83 0 0 0 0 9</td></th<>	0 0 0 13 11 20 83 0 0 0 0 9
68 69 ECS, Chantilly, Va. [†] E 261.5 8.3 26 7 4 3 9 2 69 125 CONSOR ENGINEERS, Houston, Texas [†] E 258.7 5.2 0 0 0 17 0 0 70 66 EN ENGINEERING LLC, Warrenville, III. [†] E 256.7 2.6 0 0 25 0 1 66 71 68 WOODARD & CURRAN, Portland, Maine E 253.9 0.0 2 1 0 22 50 4 72 86 ZGF ARCHITECTS LLP, Portland, Ore. A 245.5 2.7 79 0 <t< td=""><td>13 11 20 83 0 0 0 0 9</td></t<>	13 11 20 83 0 0 0 0 9
69 125 CONSOR ENGINEERS, Houston, Texas [†] E 258.7 5.2 0 0 17 0 0 70 66 EN ENGINEERING LLC, Warrenville, III. [†] E 256.7 2.6 0 0 25 0 1 66 71 68 WOODARD & CURRAN, Portland, Maine E 253.9 0.0 2 1 0 22 50 4 72 86 ZGF ARCHITECTS LLP, Portland, Ore. A 245.5 2.7 79 0	83 0 0 0 0 9
70 66 EN EGINEERING LLC, Warrenville, III.† E 256.7 2.6 0 0 25 0 1 66 71 68 WOODARD & CURRAN, Portland, Maine E 253.9 0.0 2 1 0 22 50 4 72 86 ZGF ARCHITECTS LLP, Portland, Ore. A 245.5 2.7 79 0	0 0 9
71 68 WOODARD & CURRAN, Portland, Maine E 253.9 0.0 2 1 0 22 50 4 72 86 ZGF ARCHITECTS LLP, Portland, Ore. A 245.5 2.7 79 0 0 0 0 0 0 0 73 74 SCS ENGINEERS, Long Beach, Calif.† ENV 239.2 2.3 0 <	
72 86 ZGF ARCHITECTS LLP, Portland, Ore. A 245.5 2.7 79 0 0 0 0 0 73 74 SCS ENGINEERS, Long Beach, Calif.† ENV 239.2 2.3 0 0 0 0 80 0 74 87 ENERCON, Kennesaw, Ga.† E 230.4 60.0 0	
73 74 SCS ENGINEERS, Long Beach, Calif. [†] ENV 239.2 2.3 0 0 0 0 80 0 74 87 ENERCON, Kennesaw, Ga. [†] E 230.4 6.0 0 0 74 0 16 33 75 76 NBBJ, Seattle, Wash. A 226.3 32.2 100 0	1 20 0
74 87 ENERCON, Kennesaw, Ga.† E 230.4 6.0 0 74 0 16 3 75 76 NBBJ, Seattle, Wash. A 226.3 32.2 100 0	20 0 0
75 76 NBBJ, Seattle, Wash. A 226.3 32.2 100 0 0 0 0 0 0 76 94 OLSSON INC., Lincoln, Neb. E 224.4 0.0 57 0 6 8 2 0 77 84 IMEG CORP., Rock Island, III. E 224.0 0.0 91 3 0 0 0 2 78 80 KPFF CONSULTING ENGINEERS, Seattle, Wash. E 223.9 3.3 70 7 2 3 0 0 0 79 79 KOHN PEDERSEN FOX ASSOCIATES PC, New York, N.Y. A 219.4 165.6 90 0 <t< td=""><td>0 20 0</td></t<>	0 20 0
76 94 OLSSON INC., Lincoln, Neb. E 224.4 0.0 57 0 6 8 2 0 77 84 IMEG CORP., Rock Island, III. E 224.0 0.0 91 3 0 0 0 2 78 80 KPFF CONSULTING ENGINEERS, Seattle, Wash. E 223.9 3.3 70 7 2 3 0 0 0 0 79 79 KOHN PEDERSEN FOX ASSOCIATES PC, New York, N.Y. A 219.4 165.6 90 0 0 0 0 0 0 38 80 78 POND, Peachtree Corners, Ga. EA 218.7 4.3 29 13 0 0 0 38 81 90 PAGE, Washington, D.C. [†] AE 206.2 59.8 91 3 0<	0 5 1
77 84 IMEG CORP, Rock Island, III. E 224.0 0.0 91 3 0 0 0 2 78 80 KPFF CONSULTING ENGINEERS, Seattle, Wash. E 223.9 3.3 70 7 2 3 0	0 0 0
78 80 KPFF CONSULTING ENGINEERS, Seattle, Wash. E 223.9 3.3 70 7 2 3 0 0 79 79 KOHN PEDERSEN FOX ASSOCIATES PC, New York, N.Y. A 219.4 165.6 90 0 <t< td=""><td>15 1 7</td></t<>	15 1 7
79 KOHN PEDERSEN FOX ASSOCIATES PC, New York, N.Y. A 219.4 165.6 90 0	4 0 0
80 78 POND, Peachtree Corners, Ga. EA 218.7 4.3 29 13 0 0 0 38 81 90 PAGE, Washington, D.C. [†] AE 206.2 59.8 91 3 0	18 0 0
81 90 PAGE, Washington, D.C. [†] AE 206.2 59.8 91 3 0 0 0	10 0 0
	19 0 0
82 89 STANLET GUNSULTANTS, MUSCAUTIE, TOWAT EA 204.0 35.0 21 0 31 13 0 0	2 0 3 31 0 0
83 85 TRANSYSTEMS, Kansas City, Mo. E 203.8 0.0 0 0 0 0 0 0 0 0	
	100 0 0
	14 26 0 18 2 0
85 175 UNIVERSAL ENGINEERING SCIENCES, Orlando, Fla. ^T GE 203.3 0.0 54 3 1 0 2 4 86 83 GRESHAM SMITH, Nashville, Tenn. AE 203.0 1.8 46 7 0 0 12 2	18 2 0 33 0 0
R7 75 ZACHRY GROUP, San Antonio, Texas [†] EC 202.3 0.0 0 60 0 40 7 0 0 0 40 7 0 0 12 22	0 0 0
88 82 CORGAN, Dallas, Texas A 200.8 5.1 39 0 0 0 0 0	27 0 33
89 95 VOLKERT INC., Mobile, Ala. E 199.5 0.0 7 0 13 0 2 0	78 0 0
90 102 DAVID EVANS ENTERPRISES INC., Portland, Ore. [†] E 197.8 1.0 17 0 3 3 0	53 0 0
91 96 PENNONI, Philadelphia, Pa. [†] E 197.2 0.0 48 0 12 2 0 3	29 0 6
91 30 1 (11) 12 20 40 0 12 2 0 33 92 71 GULF INTERSTATE ENGINEERING CO., Houston, Texas EC 195.3 0.0 0 0 0 0 0 100	0 0 0
93 104 LEO A DALY, Omaha, Neb. [†] AE 194.8 7.3 47 0 0 23 10 3	15 0 0
94 114 HGA, Minneapolis, Minn. AE 194.5 3.1 86 1 1 0 0 0	0 0 0
95 70 AEGION CORP., Chesterfield, Mo. [†] EC 194.1 60.6 2 0 0 2 24 71	2 0 0
96 99 CIVIL & ENVIRONMENTAL CONSULTANTS INC., Pittsburgh, Pa. E 193.9 0.0 35 0 7 2 18 19	3 13 0
97 111 MEAD & HUNT INC., Middleton, Wis. EA 191.5 0.0 8 0 1 3 4 7	
98 93 SAM LLC, Austin, Texas E 191.1 0.0 5 0 26 1 0 23	75 0 1
99 92 MOFFATT & NICHOL, Long Beach, Calif. [†] E 191.1 15.5 0	75 0 1
100 73 POPULOUS, Kansas City, Mo. A 187.8 62.7 0	75 0 1

RA		FIRM	FIRM TYPE	2020 REVEN	<mark>VUE \$ Mil</mark> . INT'L	GENERAL D.	MANUFACTION	BUNNG BUNNG	WATER SUpri	SEWER / WAS	Vous, , Dr.	TRANSPODE	HAZARDOULS	^{TELECOM}
	2020		_		í									
101 102	106	CRB, Kansas City, Mo. [†]	EA	187.5	17.5	0 17	0	0	0 13	0	99 9	0 39	0	1
	106 97	HALFF ASSOCIATES INC., Richardson, Texas	EA	186.5	0.0		3	1		11			0	0
103	97 121	FOTH COS., De Pere, Wis. [†]	-	185.3	1.2	0			0	13	53	19	6	0
104	121 91	ATWELL LLC, Southfield, Mich. [†]	E	183.0	0.0	42 3	1	33 0	0 43	7 32	15 2	1	0	0
105		FREESE AND NICHOLS INC., Fort Worth, Texas	EA	183.0	0.0	3						14		
106	122	GARVER, North Little Rock, Ark.		179.9	0.0		0	0	17	13	0	61	0	0
107	109	WHITMAN REQUARDT AND ASSOCIATES LLP, Baltimore, Md.	EA	179.7	0.0	22	0	0	10	8	0	58	0	0
108	81	PGAL, Houston, Texas	AE E	179.2	0.0	34 34	0	0	0	0 13	0 10	66	0	0
109 110	108 100	COLLIERS ENGINEERING & DESIGN, Red Bank, N.J.	E	176.9 175.1	0.0 12.9	34 0	0	5 21	6 19	0	10	21 3	1 14	0
111	134	BARR ENGINEERING CO., Minneapolis, Minn. PBK, Houston, Texas	AE	173.1	0.0	100	0	0	0	0	0	0	0	0
112	119	ALFRED BENESCH & CO., Chicago, III.	E	174.0	0.0	7	0	0	4	4	0	85	0	0
112	143	MERRICK & CO., Greenwood Village, Colo. [†]	EA	169.5	15.2	65	6	10	9	4	2	2	0	0
114	98	BRAUN INTERTEC CORP., Bloomington, Minn.	E	168.9	0.0	38	0	4	2	1	24	28	0	0
115	103	WISS JANNEY ELSTNER ASSOCIATES, Northbrook, III.	EA	168.8	4.4	59	0	4	2	0	24	11	0	0
116	123	BGE INC., Houston, Texas	E	167.7	4.4	0	0	0	18	27	0	0	0	0
117	77	NELSON WORLDWIDE, Minneapolis, Minn.	AE	164.0	2.9	100	0	0	0	0	0	0	0	0
118	147	SALAS O'BRIEN, Santa Ana, Calif. [†]	EA	160.2	1.2	61	11	2	0	0	0	1	0	25
119	135	WARE MALCOMB, Irvine, Calif.	AE	160.2	11.4	70	28	0	0	0	2	0	0	0
120	145	EA ENGINEERING SCIENCE AND TECHNOLOGY INC. PBC, Hunt Valley, Md.	ENV	159.4	0.0	0	0	9	8	19	16	6	42	0
120	118	AFFILIATED ENGINEERS INC., Madison, Wis.	E	158.5	0.0	79	1	13	0	0	4	0	42	3
122	127	WESTWOOD PROFESSIONAL SERVICES, Minneapolis, Minn.	E	158.3	0.0	31	0	57	7	2	0	3	0	0
122	115	IPS-INTEGRATED PROJECT SERVICES LLC, Blue Bell, Pa. [†]	EA	156.5	37.8	0	0	0	0	0	100	0	0	0
123	105	S&ME INC., Raleigh, N.C.	E	156.4	0.0	41	6	9	3	4	10	24	2	1
125	120	SWCA ENVIRONMENTAL CONSULTANTS, Phoenix, Ariz.	ENV	153.7	0.0	6	0	46	5	1	27	5	0	0
126	110	GZA, Norwood, Mass. [†]	EC	150.8	0.0	20	0	11	12	1	4	16	36	0
127	130	SSOE GROUP, Toledo, Ohio [†]	EA	150.6	14.3	22	50	4	0	0	23	0	0	0
128	126	H.W. LOCHNER INC., Chicago, III.	E	149.2	0.0	0	0	0	0	0	0	100	0	0
129	113	SIMPSON GUMPERTZ & HEGER, Waltham, Mass.	E	149.0	14.4	0	0	0	0	0	0	0	0	0
130	124	HALEY & ALDRICH INC., Burlington, Mass. [†]	E	145.2	0.0	23	0	5	0	0	0	12	60	0
131	117	PAPE-DAWSON ENGINEERS INC., San Antonio, Texas	E	144.0	0.0	65	4	0	7	1	0	20	0	0
132	136	WALTER P MOORE, Houston, Texas	E	143.9	1.5	63	0	0	6	2	0	30	0	0
133	139	SHORT-ELLIOTT-HENDRICKSON INC., St. Paul, Minn.	EA	142.9	0.0	0	0	0	0	0	0	0	0	0
134	128	MORRISON HERSHFIELD, Atlanta, Ga. [†]	EA	141.4	104.2	34	0	1	2	4	0	38	0	21
135	133	TOWER ENGINEERING PROFESSIONALS, Raleigh, N.C.	E	133.5	3.0	0	0	0	0	0	0	0	0	100
136	149	PSOMAS, Los Angeles, Calif.	E	132.0	0.0	23	0	1	20	8	3	42	3	0
137	129	DLZ CORP., Columbus, Ohio†	EA	131.0	10.0	17	0	10	12	17	7	33	4	0
138	166	PARAMETRIX, Seattle, Wash.	E	129.9	0.0	7	0	0	6	13	1	69	1	0
139	163	ULTEIG ENGINEERS INC., Fargo, N.D.	E	127.8	0.0	0	0	85	1	1	0	11	0	0
140	137	HENDERSON ENGINEERS INC., Lenexa, Kan. [†]	EC	127.8	0.0	97	0	0	0	0	0	3	0	0
141	150	NORR, Chicago, III.†	AE	127.7	67.1	93	0	0	0	0	0	7	0	0
142	131	WESTON & SAMPSON, Reading, Mass. [†]	E	126.9	0.0	0	0	1	22	38	0	12	9	0
143	151	MESA ASSOCIATES INC., Madison, Ala.	E	126.3	0.0	0	0	77	0	0	0	0	0	15
144	154	BOWMAN CONSULTING GROUP, Reston, Va.	E	125.1	0.0	53	0	2	7	7	13	14	0	3
145	116	GAI CONSULTANTS INC., Homestead, Pa. [†]	E	125.0	0.0	12	0	43	3	1	3	37	1	0
146	132	EYP ARCHITECTURE & ENGINEERING, Albany, N.Y.	AE	125.0	0.0	96	0	0	0	0	0	0	0	0
147	140	PARTNER ENGINEERING AND SCIENCE INC., Torrance, Calif.	ENV	124.7	0.0	82	0	0	0	0	0	0	18	0
148	156	SYSKA HENNESSY GROUP, New York, N.Y. [†]	E	119.2	4.5	56	0	1	0	0	2	16	0	25
149	148	MCKIM & CREED INC., Raleigh, N.C.	E	118.4	0.0	2	23	13	12	14	13	16	0	0
150	155	BOLTON & MENK INC., Mankato, Minn.	E	117.6	0.0	0	0	0	5	16	0	33	0	0

PENNONI is the design firm for the new 12-acre Park at Penn's Landing along the Delaware River in the heart of Philadelphia.

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RA			FIRM	2020 REVEN		GENERAL	MANUFACTION	SMIHO.	WATER SUD.	SEWER / WAS	MDUS. PER	TRANSPOOL EUM	HAZARDOULS.	TELECOM
	2020		TYPE	TOTAL	INT'L									
151	159	TIMMONS GROUP, Richmond, Va.	E	116.5	0.0	76	0	12	3	3	0	7	0	0
152	141	GPD GROUP, Akron, Ohio	EA	115.7	0.0	38	0	14	0	8	3	16	0	22
153	190	PRIMORIS, Dallas, Texas	EC	115.1	11.2	0	0	13	0	0	87	0	0	0
154	164	COFFMAN ENGINEERS INC., Seattle, Wash.	E	113.6	3.1	57	17	0	4	16	4	1	0	0
155	138	BKF ENGINEERS, Redwood City, Calif.	E	113.0	0.0	71	2	0	0	4	0	23	0	0
156	158	JONESICARTER, Bellaire, Texas	E	113.0	0.0	45	0	0	9	18	0	19	0	0
157	169	AMERICAN STRUCTUREPOINT, Indianapolis, Ind.	EA	111.3	0.0	21	5	0	6	9	0	57	0	3
158	254	BL COS. INC., Meriden, Conn.	EA	110.6	0.0	77	0	3	0	0	5	12	1	0
159	171	RABA KISTNER INC., San Antonio, Texas [†]	E	109.9	0.0	30	4	0	3	0	1	62	0	0
160	152	HARDESTY & HANOVER LLC, New York, N.Y.	E	109.3	1.5	0	0	0	0	0	0	100	0	0
161	178	EWINGCOLE, Philadelphia, Pa.	AE	108.9	0.0	66	0	0	0	0	34	0	0	0
162	146	GHAFARI ASSOCIATES LLC, Dearborn, Mich.	EA	108.9	9.5	14	74	0	0	0	0	12	0	0
163	173	LABELLA ASSOCIATES D.P.C., Rochester, N.Y. ⁺	EA	108.4	2.6	33	2	5	6	12	4	10	29	0
164	168	HUITT-ZOLLARS INC., Dallas, Texas	EA	108.3	0.0	34	0	0	8	13	0	45	0	0
165	165	FLAD ARCHITECTS, Madison, Wis. [†]	AE	107.7	0.0	100	0	0	0	0	0	0	0	0
166	170	THE BURKE GROUP LTD., Rosemont, III. [†]	E	106.9	0.0	11	6	4	5	2	7	19	0	4
167	181	INTEGRAL GROUP, Oakland, Calif.	E	106.2	77.3	95	1	0	0	0	0	4	0	0
168	174	ELECTRICAL CONSULTANTS INC., Billings, Mont. [†]	E	105.0	0.0	0	0	95	0	0	5	0	0	0
169	184	HASKELL, Jacksonville, Fla. [†]	EAC	104.8	3.5	16	4	0	0	4	59	16	0	0
170	167	LPA INC., Irvine, Calif.	AE	103.0	0.0	100	0	0	0	0	0	0	0	0
171	161	BARGE DESIGN SOLUTIONS, Nashville, Tenn. [†]	EA	101.7	0.0	19	16	0	8	12	1	20	3	7
172	172	HANSON PROFESSIONAL SERVICES INC., Springfield, III.	E	100.7	2.6	14	0	9	3	6	2	65	0	0
173	153	HMC ARCHITECTS, Ontario, Calif.	A	100.3	0.0	100	0	0	0	0	0	0	0	0
174	142	VANDERWEIL ENGINEERS, Boston, Mass.	E	100.1	0.0	46	0	18	0	0	0	1	0	35
175	187	WGI INC., West Palm Beach, Fla.	EA	100.0	0.0	68	0	0	1	1	0	30	0	0
176	176	COBB FENDLEY & ASSOCIATES INC., Houston, Texas	E	99.7	0.0	1	0	2	3	3	3	68	0	20
177	182	BR+A CONSULTING ENGINEERS, Boston, Mass.	E	99.6	0.0	100	0	0	0	0	0	0	0	0
178	185	STRAND ASSOCIATES INC., Madison, Wis.	E	96.0	0.0	2	0	0	11	34	7	41	0	0
179	160	KLJ, Bismarck, N.D.	E	94.8	0.0	1	0	1	3	2	19	59	0	10
180	202	DOWL, Seattle, Wash.	E	94.0	0.0	6	0	0	12	1	5	75	0	1
181	183	WUNDERLICH-MALEC ENGINEERING INC., Eden Prairie, Minn.	EA	93.7	1.0	2	1	0	0	0	97	0	0	0
182	189	CUNINGHAM GROUP ARCHITECTURE INC., Minneapolis, Minn.	A	93.1	0.0	100	0	0	0	0	0	0	0	0
183	225	BURGESS & NIPLE INC., Columbus, Ohio	EA	92.2	0.0	6	0	0	7	26	0	56	2	1
184	177	TECTONIC ENG'G CONSULT., GEOLOGISTS & SURVEYORS, Mountainville, N.Y.	E	91.8	0.0	25	0	4	1	1	0	50	1	17
185	210	WSB, Minneapolis, Minn.	E	91.2	0.0	7	0	0	11	14	16	51	1	0
186	206	CENTURY ENGINEERING INC., Hunt Valley, Md.	E	91.2	0.0	8	2	0	0	0	0	76	0	0
187	162	HED, Southfield, Mich.	AE	90.9	0.0	100	0	0	0	0	0	0	0	0
188	204	HR GREEN INC., Cedar Rapids, Iowa	E	89.2	0.0	10	0	0	6	22	2	46	0	3
189	207	WILSON & CO. INC. ENGINEERS & ARCHITECTS, Albuquerque, N.M.	EA	88.6	0.0	10	1	2	7	3	1	71	0	0
190	263	ARDURRA GROUP INC., Tampa, Fla. [†]	E	88.5	0.0	19	0	0	37	37	1	6	0	0
191	203	HUCKABEE, Fort Worth, Texas [†]	AE	88.5	0.0	100	0	0	0	0	0	0	0	0
192	219	NINYO & MOORE GEOTECH. & ENVIRO. SCIENCES, San Diego, Calif.	GE	87.0	0.0	34	0	6	9	7	1	31	8	1
193	208	ESD, Chicago, III.	E	86.8	0.0	36	0	0	0	0	0	0	0	64
194	231	BRPH ARCHITECTS ENGINEERS INC., Melbourne, Fla. [†]	EA	86.2	0.0	33	22	0	0	0	0	0	0	0
195	179	CLARK NEXSEN, Virginia Beach, Va. [†]	AE	86.0	4.0	79	0	0	0	0	5	14	0	1
196	192	MCCORMICK TAYLOR INC., Philadelphia, Pa.	E	85.3	0.0	0	0	0	0	0	0	100	0	0
197	191	AO ARCHITECTS, Orange, Calif.	Α	85.2	0.0	100	0	0	0	0	0	0	0	0
198	193	GREELEY AND HANSEN, Chicago, III. [†]	E	85.1	0.0	0	0	0	15	85	0	0	0	0
199	198	SMITH SECKMAN REID INC., Nashville, Tenn.	E	84.9	1.1	72	0	0	7	2	7	13	0	0
200	212	WADE TRIM, Detroit, Mich. [†]	E	84.5	0.0	0	0	1	11	53	11	16	0	0

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	NK 2020	FIRM	FIRM TYPE	2020 REVEN Total	<mark>NUE \$ MIL</mark> . INT'L	GENERAL DI	MANUFACTURE	POWER	WATER SUD.	SEWER / WAS	INDUS, DE	TRANSPORT	HAZARDOUL	TELECOM
201	249	PARKHILL SMITH & COOPER INC., Lubbock, Texas	AE	84.3	0.0	59	0	0	6	13	0	13	0	0
202	223	GOODWYN MILLS AND CAWOOD INC., Montgomery, Ala.	AE	84.1	0.0	57	0	0	11	7	0	12	0	0
203	222	SCHNABEL ENGINEERING, Glen Allen, Va. [†]	GE	84.0	0.0	24	0	2	49	3	0	15	2	0
204	200	HORD COPLAN MACHT, Baltimore, Md.	A	83.0	0.0	100	0	0	0	0	0	0	0	0
205	221	HUMPHREYS & PARTNERS ARCHITECTS, Dallas, Texas [†]	A	82.5	1.5	100	0	0	0	0	0	0	0	0
206	230	NEEL-SCHAFFER INC., Jackson, Miss. [†]	E	82.1	0.0	9	0	0	2	9	0	62	3	3
207	228	FISHBECK, Grand Rapids, Mich.	EA	82.0	0.0	25	2	0	5	15	2	48	3	0
208	226	H2M ARCHITECTS + ENGINEERS, Melville, N.Y. [†]	AE	81.5	0.0	48	0	2	28	8	1	2	11	0
209	196	ELKUS MANFREDI ARCHITECTS, Boston, Mass.	A	81.3	0.0	100	0	0	0	0	0	0	0	0
210	197	LS3P, Charleston, S.C.	A	80.9	0.0	94	1	0	0	0	0	5	0	0
211	217	CP&Y INC., Dallas, Texas [†]	EA	79.1	0.0	2	0	0	12	18	0	56	0	0
212	238	CRAWFORD MURPHY & TILLY INC., Springfield, III.	EA	78.5	0.0	1	0	0	8	9	0	79	0	0
213	232	BERGMANN, Rochester, N.Y.	AE	78.4	0.0	32	16	5	5	0	2	38	0	0
214	**	RSP, Minneapolis, Minn.	AE	78.0	0.0	92	6	0	0	0	0	0	0	0
215	**	CONGRUEX , Boulder, Colo. [†]	EC	78.0	0.0	0	0	0	0	0	0	0	0	100
216	242	PATRICK ENGINEERING INC., Lisle, III.	E	77.9	0.0	0	0	49	1	0	4	40	1	4
217	213	DRMP INC., Orlando, Fla.	E	76.7	0.0	3	0	0	0	0	0	97	0	0
218	188	KTGY ARCHITECTURE + PLANNING, Irvine, Calif.	A	76.6	0.0	100	0	0	0	0	0	0	0	0
219	224	TIGHE & BOND INC., Westfield, Mass.	E	76.6	0.0	22	0	6	24	25	0	7	16	0
220	205	FARNSWORTH GROUP INC., Bloomington, III.	EA	76.4	1.8	47	8	3	3	11	17	11	0	0
221	220	A. MORTON THOMAS AND ASSOCIATES INC., Rockville, Md. [†]	E	76.2	0.0	3	0	0	5	0	0	92	0	0
222	216	SOLOMON CORDWELL BUENZ (SCB), Chicago, III.	A	76.2	1.0	93	0	0	0	0	0	7	0	0
223	201	BCC ENGINEERING INC., Miami, Fla. [†]	E	75.9	0.0	3	0	0	2	0	0	96	0	0
224	245	OHM ADVISORS, Livonia, Mich.	EA	75.3	0.0	14	0	0	12	14	0	51	1	0
225	240	GEOENGINEERS INC., Redmond, Wash.	E	75.0	0.0	29	0	2	11	2	16	10	19	0
226	227	DENNIS GROUP, Springfield, Mass. [†]	EC	74.1	4.3	0	0	0	0	0	100	0	0	0
227	235	COWI NORTH AMERICA, Seattle, Wash.	E	74.1	21.8	0	0	1	0	0	0	99	0	0
228	308	BALLINGER, Philadelphia, Pa.	AE	72.9	0.0	100	0	0	0	0	0	0	0	0
229	180	COOPER CARRY, Atlanta, Ga.	A	72.3	0.0	100	0	0	0	0	0	0	0	0
230	194	WATG, Irvine, Calif.	A	72.2	48.7	100	0	0	0	0	0	0	0	0
231	262	BURNS ENGINEERING INC., Philadelphia, Pa.	E	71.5	0.0	13	0	5	0	2	0	81	0	0
232	186	STUDIOS ARCHITECTURE, Washington, D.C.	A	71.4	11.2	100	0	0	0	0	0	0	0	0
233	252	INFRASTRUCTURE CONSULTING & ENGINEERING PLLC, Columbia, S.C.	E	70.8	0.0	0	0	0	0	0	0	100	0	0
234		SHANNON & WILSON INC., Seattle, Wash.	E	70.2	1.2	0	0	0	0	0	0	0	0	0
235	244	TLC ENGINEERING SOLUTIONS INC., Orlando, Fla.	E	70.0	1.0	94	0	0	0	0	0	6	0	0
236 237	246	PRIME AE GROUP INC., Baltimore, Md. [†]	EA EC	69.5	0.0	30 0	0	0	11	9	0	50 0	0	0
237	306	UNITED E&C INC. , Piscataway, N.J.		68.4	0.0	100	0	0	0	0	0	0	0	0
230	300 **	THE S/L/A/M COLLABORATIVE, Glastonbury, Conn. [†] EXYTE US INC., Albany, N.Y. [†]	AE EC	68.4	0.0	0	100	0	0	0	0	0	0	0
239	200	CMTA INC., Prospect, Ky.	_	68.0		97				0			0	0
240	280 278	J-U-B ENGINEERS INC., Boise, Idaho [†]	EC	67.2 67.0	0.0	97 0	0	0	0	31	0	3 30	0	0
241	236						0	0	0	0	0	0	0	-
242	236 253	WALKER CONSULTANTS, Tampa, Fla. WOLD ARCHITECTS INC., Saint Paul, Minn. [†]	EA AE	66.5 66.0	1.7 0.0	100 100	0	0	0	0	0	0	0	0
243	253 297	CO ARCHITECTS, Los Angeles, Calif.	AE	65.8	0.0	100	0	0	0	0	0	0	0	0
244	297	SYSTRA USA, New York, N.Y.	E	65.5	8.6	001	0	0	0	0	0	100	0	0
245	299 268	STSTRA USA, New YOR, N.T. SHIVE-HATTERY, Cedar Rapids, Iowa	AE	65.4	0.0	64	13	1	3	1	0	14	0	0
240	260	T&M ASSOCIATES, Middletown, N.J. [†]	E	65.1	0.0	6	0	3	15	15	3	25	0	0
247	195	BURROW GLOBAL LLC, Houston, Texas [†]	EA	65.0	0.0	3	0	0	0	0	97	0	0	0
249	199	MIDDOUGH INC., Cleveland, Ohio	EA	65.0	0.0	8	15	17	0	0	60	0	0	0
250	322	DGA PLANNING I ARCHITECTURE I INTERIORS, Mountain View, Calif.	A	65.0	0.0	95	0	0	0	0	0	0	0	5
200			7.1	00.0	0.0	00	0	U	U	0	U	0	0	0

#182 **CUNINGHAM** was part of the development of Concert, a software platform to securely exchange files between non-contracted entities.

						GENERAL BUIL	MANUFACTION	5)mir-	Silo-	SEWER / W.S.	MDUS. , pr-	TRANSPOOL	HAZARDOUL	us waste
	NK 2020	FIRM	FIRM TYPE	2020 REVEN TOTAL	NUE <mark>\$ MIL</mark> . INT'L	GENERAL	MANUFA	POWER	WATER SUD	SEWER ,	NDUS	TRANSP,	HAZARD	TELECOM
251	309	MARK THOMAS, San Jose, Calif.	E	64.9	0.0	0	0	0	0	0	0	0	0	0
252	237	JAROS BAUM & BOLLES, New York, N.Y.	E	64.6	0.0	90	0	0	0	0	0	4	0	5
253	275	WOOD RODGERS INC., Sacramento, Calif.	E	64.6	0.0	5	0	0	27	3	0	26	0	0
254	241	CUSHING TERRELL, Billings, Mont.	EA	64.1	1.1	98	0	0	0	0	0	2	0	0
255	272	TWINING INC., Long Beach, Calif. [†]	GE	64.0	0.0	59	3	0	0	2	0	36	0	0
256	457	HULL & ASSOCIATES LLC, Dublin, Ohio [†]	E	63.9	0.0	9	0	8	11	16	0	4	52	0
257	215	ANVIL CORP., Bellingham, Wash. [†]	E	63.5	0.0	0	0	0	0	0	100	0	0	0
258	**	AKF GROUP, New York, N.Y.	E	63.4	2.1	100	0	0	0	0	0	0	0	0
259	243	SASAKI, Watertown, Mass.	0	63.4	14.4	74	0	0	0	0	0	0	0	0
260	270	LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING INC., Charlotte, N.C.	AE	63.4	0.0	100	0	0	0	0	0	0	0	0
261	257	FEHR & PEERS, Walnut Creek, Calif.	E	62.4	0.0	0	0	0	0	0	0	100	0	0
262	218	AKRF INC., New York, N.Y.	0	62.3	0.0	20	0	6	8	2	0	40	24	0
263	430	V3 COS., Woodridge, III. [†]	E	62.3	2.8	50	0	9	8	0	0	29	0	0
264	264	RETTEW ASSOCIATES INC., Lancaster, Pa. [†]	E	62.2	0.0	14	6	10	0	4	45	9	0	1
265	281	EMH&T, Columbus, Ohio	E	62.1	0.0	71	0	0	3	4	0	22	0	0
266	367	NAC ARCHITECTURE, Spokane, Wash.	Α	62.0	1.6	100	0	0	0	0	0	0	0	0
267	266	OTAK INC., Portland, Ore. [†]	EA	62.0	2.0	47	0	0	7	0	0	45	0	0
268	261	ROSS & BARUZZINI INC., St. Louis, Mo. [†]	E	61.9	2.0	34	0	0	0	0	0	32	0	11
269	291	GEO-LOGIC ASSOCIATES INC., Ontario, Calif. [†]	ENV	61.8	0.0	0	0	0	20	30	9	0	2	0
270	233	MOSELEY ARCHITECTS, Richmond, Va.	AE	61.7	0.0	100	0	0	0	0	0	0	0	0
271	277	CPL - ROCHESTER, Rochester, N.Y.	AE	61.3	0.0	78	0	0	6	4	0	11	0	0
272	298	SRF CONSULTING GROUP INC., Minneapolis, Minn.	E	61.0	0.0	0	0	0	0	0	0	100	0	0
273	255	CORE STATES GROUP, Ambler, Pa.	EA	60.9	0.0	71	17	5	0	0	8	0	0	0
274	301	NOVA ENGINEERING & ENVIRONMENTAL LLC, Kennesaw, Ga.	E	60.5	0.0	55	5	4	0	0	0	23	6	0
275	279	REMINGTON & VERNICK ENGINEERS INC., Haddonfield, N.J.	E	60.3	0.0	7	0	0	6	8	0	11	0	0
276	284	TKDA, Saint Paul, Minn. [†]	EA	60.1	0.0	27	19	1	0	4	2	41	0	0
277	296	MCMILLAN PAZDAN SMITH LLC, Greenville, S.C.	A	60.1	0.0	93	6	0	0	0	0	0	0	0
278	323	ORBITAL ENGINEERING INC., Pittsburgh, Pa.	E	60.0	0.0	0	0	0	0	0	0	0	0	0
279	259	ENSAFE INC., Memphis, Tenn. [†]	ENV	59.6	0.0	3	7	0	4	4	0	0	57	0
280	288	ESP ASSOCIATES INC., Fort Mill, S.C. [†]	0	59.2	0.0	45	0	8	0	0	1	29	0	0
281	294	VLK ARCHITECTS INC., Fort Worth, Texas	A	58.8	0.0	100	0	0	0	0	0	0	0	0
282	286	KISINGER CAMPO & ASSOCIATES CORP, Tampa, Fla. [†]	E	58.5	0.0	0	0	0	0	0	0	100	0	0
283	251	RCM TECHNOLOGIES INC., Pennsauken, N.J. [†]	E	57.7	17.2	2	0	56	0	0	18	24	0	0
284	211	ME ENGINEERS, Golden, Colo. [†]	E	57.6	9.4	99	0	0	0	0	0	1	0	0
285	333	DANNENBAUM ENGINEERING CORP., Houston, Texas	E	57.5	0.0	0	0	0	39	13	0	29	0	0
286	393		EA	57.4	0.0	6	0	0	0	0	0	0	0	4
287	282		AE	56.6	0.0	32	0	0	1	4	8	41	0	0
288	302	ALPHA TESTING INC., Dallas, Texas	GE	56.6	0.0	42	2	0	8	4	5	1	0	1
289	314		E	56.0	0.0	9	0	0	24	14	0	53	0	0
290	**	MAGNUSSON KLEMENCIC ASSOCIATES, Seattle, Wash.	E	55.9	4.5	96	1	0	0	0	0	2	0	0
291	234		A	55.6	15.3	100	0	0	0	0	0	0	0	0
292	318		A	55.4	0.0	100	0	0	0	0	0	0	0	0
293	316		E	55.1	0.0	3	0	2	16	37	1	28	5	0
294	247	HBK ENGINEERING LLC, Chicago, III.	E	54.9	0.0	2	0	47	1	0	10	1	0	28
295	289		A	54.7	0.0	95	0	0	0	0	0	5	0	0
296	327		E	54.4	0.0	0	0	0	42	24	0	30	0	0
297	312	-	E	54.2	0.0	100	0	0	0	0	0	0	0	0
298	315		E	54.1	2.2	92	0	0	0	0	0	0	0	0
299	404		EA	54.0	0.0	100	0	0	0	0	0	0	0	0
300	336	MSA PROFESSIONAL SERVICES, Baraboo, Wis. [†]	EA	52.9	0.0	17	0	0	12	37	0	28	4	0

	.NK 2020	FIRM	FIRM	2020 REVEN	<mark>VUE \$ MIL</mark> . INT'L	GENERAL DI	MANUFACTION	POWER	WATER SUPP.	SEWER / WAS	Mous. , pro	TRANSPORT	HAZARDOULS	TELECOM
301	214	THE THRASHER GROUP INC., Bridgeport, W.Va.	EA	52.8	0.0	29	0	28	17	13	1	10	0	0
302	362	AI ENGINEERS INC., Middletown, Conn.	E	52.5	0.0	17	0	6	9	7	0	61	0	0
302	267	EUA (EPPSTEIN UHEN ARCHITECTS INC.), Milwaukee, Wis.	A	52.3	0.0	86	14	0	0	0	0	0	0	0
304	290	THE MANNIK & SMITH GROUP INC., Maumee, Ohio	E	52.0	0.0	19	15	6	6	10	10	29	4	2
305	285	SME, Plymouth, Mich.	E	52.0	0.0	40	10	12	2	2	6	23	4	2
306	321	ISG, Mankato, Minn. [†]	EA	51.7	0.0	55	6	0	13	9	2	13	0	0
307	239	DAY & ZIMMERMANN, Philadelphia, Pa. [†]	AE	51.6	19.5	95	1	0	0	0	0	4	0	0
308	287	RMA GROUP, Rancho Cucamonga, Calif.	GE	51.3	0.0	38	0	4	3	0	0	55	0	0
309	307	FUSS & O'NEILL INC., Manchester, Conn.	E	51.3	0.0	23	4	3	9	11	10	21	5	0
310	**	P2S INC., Long Beach, Calif.	E	51.2	0.0	87	7	0	0	0	0	6	0	0
311	300	AYERS SAINT GROSS, Baltimore, Md.	A	50.7	5.0	100	0	0	0	0	0	0	0	0
312	317	MORRISON-MAIERLE INC., Helena, Mont. [†]	E	50.2	0.0	25	0	0	3	20	0	42	0	0
313	313	HART HOWERTON, New York, N.Y. [†]	L	50.1	6.1	4	0	0	0	0	0	0	0	0
314	329	AYRES, Eau Claire, Wis.	EA	50.0	0.0	5	0	0	13	6	0	36	0	3
315	343	MARTIN/MARTIN INC., Lakewood, Colo. [†]	E	49.6	0.0	68	9	1	2	6	1	9	0	1
316	337	COLLINS ENGINEERS INC., Chicago, III.	E	49.0	0.0	3	0	1	1	1	1	94	0	0
317	331	WALDEMAR S. NELSON AND CO. INC., New Orleans, La.	EA	49.0	16.5	1	0	1	0	0	65	1	2	0
318	356	WRIGHT-PIERCE, Topsham, Maine	E	48.7	0.0	0	0	0	26	71	0	3	0	0
319	303	PS&S, Warren, N.J.	EA	48.5	0.0	41	0	23	2	7	27	0	0	0
320	338	LOCHMUELLER GROUP INC., Evansville, Ind.	E	48.1	0.0	0	0	0	3	11	0	65	0	0
321	271	MOODY NOLAN, Columbus, Ohio	Α	48.1	0.0	92	0	0	0	0	0	8	0	0
322	364	MITHUN, Seattle, Wash.	A	48.0	0.0	100	0	0	0	0	0	0	0	0
323	350	BINKLEY & BARFIELD INC., Houston, Texas [†]	E	48.0	0.0	0	0	10	11	5	0	33	0	3
324	385	ADVANTAGE ENGINEERS, Columbia, Md. [†]	E	47.9	0.0	0	0	0	0	0	0	0	0	100
325	335	PROFESSIONAL ENGINEERING CONSULTANTS P.A., Wichita, Kan.	E	47.9	0.0	37	12	7	8	6	9	22	0	0
326	347	RATIO, Indianapolis, Ind.	A	47.0	5.0	97	0	0	0	0	0	2	0	0
327	325	MS CONSULTANTS INC., Columbus, Ohio [†]	EA	47.0	0.0	26	0	0	19	8	0	47	0	0
328	304	E4H ENVIRONMENTS FOR HEALTH ARCHITECTURE, Boston, Mass.	A	47.0	0.0	100	0	0	0	0	0	0	0	0
329	382	LHB INC., Duluth, Minn. [†]	EA	47.0	0.0	44	0	0	1	0	26	21	0	0
330	360	I. C. THOMASSON ASSOCIATES INC., Nashville, Tenn.	E	47.0	0.0	75	3	8	0	0	6	6	0	1
331	354	ARM GROUP ENTERPRISES INC., Hershey, Pa. [†]	E	46.9	0.0	12	13	5	2	40	1	17	0	0
332	295	THE BECK GROUP, Dallas, Texas	Α	46.9	0.0	95	0	0	0	0	0	5	0	0
333	332	THOMPSON ENGINEERING, Mobile, Ala.	EA	46.9	0.0	6	4	7	0	0	23	49	3	3
334	328	MCLAREN ENGINEERING GROUP, Woodcliff Lake, N.J. [†]	E	46.8	0.0	30	4	6	0	0	0	59	0	0
335	355	MCADAMS, Durham, N.C.	E	46.7	0.0	95	0	5	0	0	0	0	0	0
336	341	HILLIS-CARNES ENGINEERING ASSOCIATES INC., Annapolis Junction, Md.	E	46.7	0.0	100	0	0	0	0	0	0	0	0
337	334	T2 UTILITY ENGINEERS, Indianapolis, Ind. [†]	E	46.2	0.0	0	0	10	15	0	0	75	0	0
338	**	KIER & WRIGHT, Santa Clara, Calif.	E	46.0	0.0	93	0	4	0	2	0	0	0	1
339	248	TVSDESIGN, Atlanta, Ga.	A	46.0	1.0	100	0	0	0	0	0	0	0	0
340	377	FFKR ARCHITECTS, Salt Lake City, Utah	A	45.8	0.0	100	0	0	0	0	0	0	0	0
341	**	GARY EDWARD HANDEL AND ASSOCIATES ARCHITECTS, New York, N.Y.	A	45.8	1.9	100	0	0	0	0	0	0	0	0
342	273	KIRKSEY ARCHITECTS INC., Houston, Texas	A	45.7	0.0	100	0	0	0	0	0	0	0	0
343	380	MODJESKI AND MASTERS INC., Mechanicsburg, Pa.	E	45.5	0.0	0	0	0	0	0	0	100	0	0
344	353	LIONAKIS, Sacramento, Calif.	AE	45.0	0.0	100	0	0	0	0	0	0	0	0
345	292	WILEYIWILSON, Lynchburg, Va.	AE	44.9	0.0	67	0	10	3	3	7	5	0	4
346	363	SPEC SERVICES INC., Fountain Valley, Calif.	E	44.7	0.0	0	0	0	1	0	41	5	0	0
347	320	DRAPER ADEN ASSOCIATES INC., Richmond, Va.	E	44.2	0.0	57	0	27	5	16	7	0	0	0
348	346	MANHARD CONSULTING LTD, Lincolnshire, III. [†]	E	44.0	0.0	93	0	0	1	2	0	4	0	0
349	265	TPG ARCHITECTURE LLP, New York, N.Y.	A	43.2	2.6	0	0	0	0	0	0	0	0	0
350	366	SUNRISE ENGINEERING INC., Fillmore, Utah	E	43.0	0.0	18	0	12	17	10	7	13	0	0

#244 **CO ARCHITECTS** and Hensel-Phelps will be the design-build team for a 595,000-sq-ft medical center project at the University of California-Irvine.

RA	NK		FIRM	2020 REVE	NUE \$ MIL.	GENERAL DI	MANUFACTION	POWER	WATER SUD.	SEWER / WAS	MDUS. , Dr.	TRANSPOOL EUM	HAZARDOULS	TELECOM
	2020	FIRM	TYPE	TOTAL	INT'L	GEI	M	104	M	SEI /		E -	₩,	<u>I</u> EI
351	371	PBS ENGINEERING AND ENVIRONMENTAL INC., Portland, Ore.	E	42.9	0.0	35	5	3	3	6	1	20	25	0
352	**	THE RUDOLPH LIBBE COS. INC., Walbridge, Ohio [†]	EC	42.9	0.0	38	44	2	0	0	5	11	0	0
353	403	BEAM LONGEST & NEFF, Indianapolis, Ind.	E	42.7	0.0	0	0	0	0	16	0	84	0	0
354	324	BSA LIFESTRUCTURES, Indianapolis, Ind.	AE	42.6	0.0	100	0	0	0	0	0	0	0	0
355	399	HOUSTON ENGINEERING INC., Fargo, N.D.	E	42.3	0.0	0	0	0	11	4	0	14	0	0
356	381	TAIT, Santa Ana, Calif.	EA	42.3	0.0	61	0	8	1	5	1	7	0	17
357	408	KAPUR & ASSOCIATES INC., Milwaukee, Wis.	L	42.0	0.0	6	0	0	1	4	24	60	1	4
358	351	GEOCON, San Diego, Calif.	GE	41.7	0.0	69	3	0	3	3	5	16	0	1
359	387	HUBBELL ROTH & CLARK INC., Bloomfield Hills, Mich.	EA	41.7	0.0	6	0	0	13	25	5	48	0	0
360	406	HERBERT ROWLAND & GRUBIC INC., Harrisburg, Pa.	E	41.5	0.0	22	0	0	21	19	0	29	0	0
361	410	CPH INC., Sanford, Fla.	EA	41.4	1.7	32	0	0	15	23	0	11	0	0
362	421	BOHANNAN HUSTON INC., Albuquerque, N.M.	E	41.4	0.0	0	0	0	0	0	0	0	0	0
363	375	RDG PLANNING & DESIGN, Des Moines, Iowa [†]	A	41.0	0.0	93	0	0	0	0	0	1	0	0
364	330	SUMMIT DESIGN AND ENGINEERING PLLC, Hillsborough, N.C.	EA	41.0	0.0	19	0	2	1	1	0	76	0	1
365	342	BHDP ARCHITECTURE, Cincinnati, Ohio	A	40.6	0.0	87	13	0	0	0	0	0	0	0
366	374	GRAEF, Milwaukee, Wis.	EA	40.3	0.0	38	21	0	6	8	2	24	0	0
367	**	STEINBERG HART, San Jose, Calif. [†]	A	40.1	1.3	100	0	0	0	0	0	0	0	0
368	**	M&S ENGINEERING LLC, Spring Branch, Texas	E	40.0	0.0	8	0	75	5	0	0	8	0	0
369	340	DAVIS PARTNERSHIP ARCHITECTS, Denver, Colo.	A	39.6	0.0	100	0	0	0	0	0	0	0	0
370	400	COMMONWEALTH ASSOCIATES INC., Jackson, Mich.	E	39.3	0.0	0	0	100	0	0	0	0	0	0
371	391	BOSWELL ENGINEERING INC., South Hackensack, N.J.	E	39.3	0.0	5	0	19	5	4	0	66	2	0
372	423	RRC POWER & ENERGY LLC, Round Rock, Texas	0	39.1	0.0	0	0	100	0	0	0	0	0	0
373	310	FENTRESS ARCHITECTS, Denver, Colo.	A	39.0	0.0	26	0	0	0	0	0	74	0	0
374	349	LANDRUM & BROWN INC., Cincinnati, Ohio†	0	39.0	12.8	1	0	0	0	0	0	99	0	0
375	384 **	HEAPY, Dayton, OhioT	E	38.9	0.0	97	2	0	0	0	0	0	0	1
376		THE MILLER HULL PARTNERSHIP LLP, Seattle, Wash.	A	38.7	21.4	93	2	0	0	3	0	0	0	0
377 378	386 365	GBA (GEORGE BUTLER ASSOCIATES), Lenexa, Kan.T	EA	38.5 38.3	0.0	16 0	0	0	0 24	20 50	13 0	36	2 15	6
379	401	D&B ENGINEERS AND ARCHITECTS P.C., Woodbury, N.Y. MAZZETTI, San Francisco, Calif.	E	38.2	0.0	15	0	0	0	0	0	10 2	0	4
379	319	HUNT GUILLOT & ASSOCIATES L.L.C., Ruston, La.	E	38.2	0.0	0	0	0	0	0	98	0	0	4
381	357	JORDAN & SKALA ENGINEERS, Norcross, Ga.	E	37.9	0.0	100	0	0	0	0	0	0	0	0
382	394	WALLACE MONTGOMERY & ASSOCIATES LLP, Hunt Valley, Md.	E	37.8	0.0	0	0	0	7	1	0	92	0	0
383	396	CTL ENGINEERING INC., Columbus, Ohio [†]	EA	37.7	0.0	36	7	2	11	6	2	31	2	2
384	276	TOLUNAY-WONG ENGINEERS INC., Houston, Texas	GE	37.2	0.0	38	0	0	0	0	54	0	8	0
385	407	ERDMAN ANTHONY, Rochester, N.Y.	E	37.1	0.0	16	0	0	10	0	0	73	0	0
386	432	DEKKER/PERICH/SABATINI LTD., Albuquerque, N.M.	AE	37.0	0.0	100	0	0	0	0	0	0	0	0
387	369	BALA CONSULTING ENGINEERS, King of Prussia, Pa.	E	36.9	0.0	84	0	0	0	0	0	7	0	8
388	467	MACGREGOR ASSOCIATES ARCHITECTS INC., Atlanta, Ga.	A	36.8	0.0	100	0	0	0	0	0	0	0	0
389	397	MUESER RUTLEDGE CONSULTING ENGINEERS PLLC, New York, N.Y.	E	36.7	1.5	21	10	9	10	10	10	30	0	0
390	412	THE LIRO GROUP, Syosset, N.Y. [†]	EA	36.7	0.0	48	0	0	5	3	0	12	7	13
391	436	HVJ ASSOCIATES, Houston, Texas	E	36.6	0.0	4	0	0	6	3	0	86	0	0
392	422	KRAZAN & ASSOCIATES, Clovis, Calif.	E	36.3	0.0	58	3	4	6	1	5	13	7	3
393	370	BWBR, Saint Paul, Minn.	A	36.3	0.0	87	13	0	0	0	0	0	0	0
394	409	NEWCOMB & BOYD, Atlanta, Ga.	E	36.3	1.1	79	2	0	0	0	0	7	0	12
395	**	ZYSCOVICH ARCHITECTS, Miami, Fla.	A	36.2	0.0	94	0	0	0	0	0	6	0	0
396	411	WK DICKSON & CO. INC., Charlotte, N.C.	E	36.1	0.0	3	0	0	19	34	11	22	0	0
397	466	GFF INC., Dallas, Texas	A	35.9	0.0	100	0	0	0	0	0	0	0	0
398	398	WHITNEY BAILEY COX & MAGNANI LLC, Baltimore, Md.	EA	35.3	0.0	26	0	0	2	0	6	66	0	0
399	459	ARORA ENGINEERS INC., Chadds Ford, Pa.	E	35.2	0.0	4	0	0	0	0	0	96	0	0
400	**	VJS CONSTRUCTION SERVICES, Pewaukee, Wis. [†]	A	35.1	0.0	100	0	0	0	0	0	0	0	0

						GENERAL	MANUFACTION	BNIHO	WATER SUPER	SEWER / WAS	-most	TRANSPODE	HAZARDOUS	on DM
	NK 2020	FIRM	FIRM TYPE	2020 REVE TOTAL	NUE \$ Mil . Int'l	GENEH	MANU	POWER	WATEH	SEWE	INDUS.	TRANS	HAZAH	TELECOM
401	446	BERMELLO AJAMIL & PARTNERS INC., Miami, Fla.	AE	35.0	9.1	17	0	0	0	0	0	8	0	0
402	497	INTEGRUS ARCHITECTURE PS, Spokane, Wash.	AE	35.0	0.0	100	0	0	0	0	0	0	0	0
403	445	KS ENGINEERS P.C., Newark, N.J.	Е	35.0	0.0	0	0	0	0	0	0	100	0	0
404	427	RJN GROUP INC., Wheaton, III.	Е	34.6	0.0	0	0	0	4	96	0	0	0	0
405	368	TREANORHL, Lawrence, Kan.	Α	34.5	0.0	81	10	0	0	0	0	9	0	0
406	376	T. BAKER SMITH LLC, Houma, La.	E	34.5	0.0	14	0	6	4	4	46	20	0	4
407	441	GEOTECHNOLOGY INC., St. Louis, Mo.	GE	34.5	0.0	40	4	3	6	7	1	35	1	0
408	372	NILES BOLTON ASSOCIATES, Atlanta, Ga.	A	34.5	0.0	97	0	0	0	0	0	3	0	0
409	418	G70, Honolulu, Hawaii	0	34.3	0.0	71	0	5	5	0	0	1	0	0
410	379	LEIGHTON GROUP INC., Irvine, Calif. [†]	GE	33.9	0.0	54	0	4	6	0	15	18	3	0
411	447	WIGHT & CO., Darien, III.	AE	33.7	2.2	78	0	0	0	0	0	21	0	1
412	**	THE OSBORN ENGINEERING CO., Cleveland, Ohio [†]	EA	33.2	0.0	43	8	2	9	15	2	11	0	11
413	486	PRIMERA ENGINEERS LTD., Chicago, III.	EA	33.0	0.0	17	0	55	0	0	0	29	0	0
414	402	JLG ARCHITECTS, Grand Forks, N.D.	A	32.9	0.0	100	0	0	0	0	0	0	0	0
415	483	GBBN, Cincinnati, Ohio	A	32.5	4.3	100	0	0	0	0	0	0	0	0
416	388	DES ARCHITECTS + ENGINEERS, Redwood City, Calif.	AE	32.5	0.0	100	0	0	0	0	0	0	0	0
417 418	444 449	BETA GROUP INC., Lincoln, R.I. REBEL DESIGN+GROUP, Marina Del Rey, Calif.	E A	32.4 32.3	0.0 16.6	0 14	0	0	5	25 0	0	54 0	0	0
410	443	THE YATES COS. INC., Philadelphia, Miss. [†]	EC	32.3	0.0	0	0	0	0	0	100	0	0	0
420	426	WENDEL, Williamsville, N.Y. [†]	AE	32.2	0.0	52	0	0	6	11	0	2	0	1
421	451	CTLITHOMPSON INC., Centennial, Colo. [†]	E	32.2	0.0	30	4	1	1	0	0	4	0	1
422	339	ALFATECH CONSULTING ENGINEERS INC., San Jose, Calif. [†]	E	32.1	0.0	67	0	0	0	0	0	0	0	33
423	**	KSA ENGINEERS INC., Longview, Texas	EA	32.1	0.0	7	0	0	16	27	9	37	0	0
424	458	MCCLURE ENGINEERING, Clive, Iowa	E	32.0	0.0	31	0	0	16	13	0	25	0	0
425	413	RRMM ARCHITECTS, Chesapeake, Va.	A	32.0	0.0	100	0	0	0	0	0	0	0	0
426	425	GRW ENGINEERS INC., Lexington, Ky. [†]	EA	31.8	0.0	10	0	0	19	28	0	29	0	0
427	305	MATRIX TECHNOLOGIES INC., Maumee, Ohio	EA	31.7	0.0	0	82	0	0	0	18	0	0	0
428	283	JCJ ARCHITECTURE, Hartford, Conn.	A	31.7	0.0	100	0	0	0	0	0	0	0	0
429	429	LANIER & ASSOCIATES CONSULTING ENGINEERS INC., New Orleans, La.	E	31.6	1.3	0	0	0	0	0	0	100	0	0
430	482	SANBORN HEAD & ASSOCIATES INC., Concord, N.H.	E	31.5	3.1	28	0	10	0	22	0	0	39	0
431	424	METRIC ENGINEERING INC., Miami, Fla.	E	31.5	0.0	0	0	0	0	0	0	0	0	0
432	**	ATCS PLC, Herndon, Va.	E	31.4	0.0	5	0	0	0	4	0	92	0	0
433	415	RDC-S111, Long Beach, Calif.	A	31.2	0.0	100	0	0	0	0	0	0	0	0
434	416	CRAFTON TULL, Rogers, Ark.	EA	31.2	0.0	34	0	0	2	6	29	26	0	0
435	465	KENDALL/HEATON ASSOCIATES INC., Houston, Texas	A	31.0	0.0	100	0	0	0	0	0	0	0	0
436	477	VCB0 ARCHITECTURE, Salt Lake City, Utah	A	31.0	0.0	100	0	0	0	0	0	0	0	0
437	414	FXCOLLABORATIVE, New York, N.Y.	A	30.8	0.0	87	0	0	0	0	0	13	0	0
438	460	KAHLER SLATER, Milwaukee, Wis.T	A	30.7	0.0	100	0	0	0	0	0	0	0	0
439	407	SHEEHAN NAGLE HARTRAY ARCHITECTS LTD., Chicago, III.	A	30.7	6.7	5	0	0	0	0	0	0	0	0
440 441	487 492	E.L. ROBINSON ENGINEERING CO., Charleston, W.Va. ^T CDG ENGINEERS & ASSOCIATES INC., Andalusia, Ala.	E	30.6	0.0	0	0	0	11	11	3	71	0	0
	492 **		E	30.5	0.0	10		0	6	5	61	11		0
442 443	495	THE VERTEX COS. INC., Weymouth, Mass. [†] ALLIIANCE, Minneapolis, Minn.	E A	30.4 30.3	0.0	0 27	0	0	0	0	0	0 73	0	0
443	495 464	SOUDER MILLER & ASSOCIATES, Albuquerque, N.M.	EA	30.3	0.0	27	0	3	22	17	4	10	17	3
444	404 491	DAHLIN GROUP ARCHITECTURE PLANNING, Pleasanton, Calif.	0	30.2	0.0	100	0	0	0	0	4	0	0	0
445	434	MACKAY & SOMPS CIVIL ENGINEERS INC., Pleasanton, Calif.	E	30.0	0.0	0	0	0	0	0	0	0	0	0
447	442	STEWART, Raleigh, N.C.	E	29.7	0.0	81	0	0	0	10	0	9	0	0
448	419	VOCON, Cleveland, Ohio	A	29.5	0.0	100	0	0	0	0	0	0	0	0
449	440	STG DESIGN, Austin, Texas	A	29.3	0.0	100	0	0	0	0	0	0	0	0
450	**	TRAFFIC PLANNING AND DESIGN INC., Pottstown, Pa.	E	29.3	0.0	0	0	0	0	0	0	100	0	0

#256 HULL AND ASSOCIATES was one of three professional services companies acquired by private equity firm Round Table Capital Partners. _

						GENERAL	MANUFACTION	SMINO	WATER SUD.	SEWER / WAS	MDUS, Jor	TRANSPOOL	HAZARDOUL	ous waste
	NK 2020	FIRM	FIRM TYPE	2020 REVEN TOTAL	<mark>iue \$ mil</mark> . Int'l	GENER	MANUF	POWER	WATER	SEWER	Snani	TRANS	HAZAR	TELECOM
451	472	HIGHLAND ASSOCIATES LTD, New York, N.Y.	AE	29.2	0.0	59	4	1	0	0	0	0	0	35
452	500	FGM ARCHITECTS INC., Oak Brook, III.	A	29.2	0.0	100	0	0	0	0	0	0	0	0
453	479	JONES EDMUNDS & ASSOCIATES INC., Gainesville, Fla. [†]	E	29.0	0.0	5	0	0	23	43	2	20	0	0
454	493	GGLO, Seattle, Wash. [†]	0	29.0	0.0	100	0	0	0	0	0	0	0	0
455	475	MCMAHON ASSOCIATES INC., Neenah, Wis.	EA	29.0	0.0	19	3	1	9	43	11	11	0	0
456	433	PLUMMER ASSOCIATES INC., Fort Worth, Texas	E	29.0	0.0	4	0	0	38	46	0	0	0	12
457	431	ESG ARCHITECTURE & DESIGN, Minneapolis, Minn.	A	29.0	0.0	100	0	0	0	0	0	0	0	0
458	**	DONOHUE & ASSOCIATES INC., Sheboygan, Wis.	E	28.9	0.0	0	0	0	7	92	0	1	0	0
459	392	MG ENGINEERING D.P.C., New York, N.Y.	E	28.9	0.0	100	0	0	0	0	0	0	0	0
460	496	FRENCH & PARRELLO ASSOCIATES, Wall Township, N.J.	E	28.8	0.0	37	5	11	4	3	0	22	0	17
461	**	DATTNER ARCHITECTS, New York, N.Y.	A	28.7	0.0	95	0	0	0	0	0	5	0	0
462	**	AHL, Honolulu, Hawaii	A	28.7	0.0	100	0	0	0	0	0	0	0	0
463	**	MILHOUSE ENGINEERING & CONSTRUCTION INC., Chicago, III.	EA	28.5	0.0	14	0	27	0	7	0	28	0	0
464	390	SEPI, Raleigh, N.C.	E	28.5	0.0	7	0	0	0	0	0	93	0	0
465	348	MBH ARCHITECTS, Alameda, Calif.	A	28.4	3.1	100	0	0	0	0	0	0	0	0
466	485	GUERNSEY, Oklahoma City, Okla.	EA	28.3	0.0	36	0	49	5	1	0	3	2	0
467	**	GMB ARCHITECTS - ENGINEERS, Holland, Mich.	AE	27.9	0.0	97	0	0	0	0	3	0	0	0
468	**	BORTON-LAWSON, Wilkes-Barre, Pa.	EA	27.8	0.0	9	5	15	3	2	40	26	0	0
469	478	THE EADS GROUP INC., Altoona, Pa.	EA	27.4	0.0	4	0	0	16	28	8	33	0	0
470	463	TOWERPINKSTER, Kalamazoo, Mich.	AE	27.3	0.0	100	0	0	0	0	0	0	0	0
471	470	CSO, Indianapolis, Ind.	A	27.2	0.0	99	0	0	0	0	1	0	0	0
472	359	C&I ENGINEERING, Louisville, Ky.	E	27.2	0.0	0	0	0	0	0	100	0	0	0
473	453	GRIMM + PARKER ARCHITECTS, Calverton, Md.	A	27.1	0.0	100	0	0	0	0	0	0	0	0
474	489	PCI SKANSKA INC., Evansville, Ind.	EA	27.1	0.0	8	8	28	0	0	55	1	0	0
475	490	LAMP RYNEARSON INC., Omaha, Neb.	E	27.0	0.0	10	0	1	7	28	3	23	0	0
476	**	DOKKEN ENGINEERING, Folsom, Calif.	E	26.5	0.0	0	0	0	0	0	0	100	0	0
477	448	GOETTSCH PARTNERS, Chicago, III.	A	26.3	16.6	100	0	0	0	0	0	0	0	0
478	**	RULE JOY TRAMMELL + RUBIO LLC, Atlanta, Ga.	A	26.0	0.0	100	0	0	0	0	0	0	0	0
479	**	THERMALTECH ENGINEERING INC., Cincinnati, Ohio†	E	25.8	0.0	19	61	0	0	8	12	0	0	0
480	**	RTM ENGINEERING CONSULTANTS LLC, Schaumburg, III.	E	25.8	0.0	100	0	0	0	0	0	0	0	0
481	**	COUGHLIN PORTER LUNDEEN INC., Seattle, Wash.	E	25.7	0.0	100	0	0	0	0	0	0	0	0
482	**	R&M CONSULTANTS INC., Anchorage, Alaska	E	25.5	1.3	11	0	0	2	1	0	85	0	0
483	461	WDG ARCHITECTURE, Washington, D.C. [†]	A	25.4	0.0	100	0	0	0	0	0	0	0	0
484	439		A	25.4	3.0	100	0	0	0	0	0	0	0	0
485	AE A	QUATTROCCHI KWOK ARCHITECTS, Santa Rosa, Calif.	A	25.3	0.0	100	0	0	0	0	0	0	0	0
486 487	454 456	LRK INC., Memphis, Tenn. LORING CONSULTING ENGINEERS INC., New York, N.Y.	A E	25.3 25.3	0.0	100 91	0	0	0	0	0	0	0	0
488	4J0 **	DEVCON CONSTRUCTION INC., Milpitas, Calif.	EC	25.0	0.0	100	0	0	0	0	0	0	0	0
489	**	HARRIS & ASSOCIATES INC., Concord, Calif.	E	23.0	0.0	8	0	1	7	8	0	33	0	0
490	**	DUNHAM ASSOCIATES, Minneapolis, Minn.	E	24.7	0.0	100	0	0	0	0	0	0	0	0
491	**	BUCHART HORN INC., York, Pa. [†]	EA	24.5	3.9	30	0	0	10	21	0	30	3	2
491	**	HUSSEY GAY BELL, Savannah, Ga.	EA	24.5	0.0	47	12	0	10	8	0	12	0	0
492	462	ARRAY ARCHITECTS, Conshohocken, Pa.	A	24.3	0.0	100	0	0	0	0	0	0	0	0
494	**	J.R. FILANC CONSTRUCTION CO. INC., Escondido, Calif.	EC	24.4	0.0	0	0	0	50	50	0	0	0	0
495	**	CARRIER JOHNSON + CULTURE, San Diego, Calif. [†]	A	24.4	0.0	100	0	0	0	0	0	0	0	0
496	**	KSS ARCHITECTS, Princeton, N.J.	A	24.4	0.0	35	65	0	0	0	0	0	0	0
497	**	LANE BISHOP YORK DELAHAY INC., Birmingham, Ala.	EA	24.3	0.0	0	0	0	0	0	0	0	0	0
498	**	H.F. LENZ CO., Johnstown, Pa.	E	24.1	0.0	74	0	0	0	0	10	0	0	17
499	**	HARVARD JOLLY ARCHITECTURE, St. Petersburg, Fla.	A	23.8	0.0	100	0	0	0	0	0	0	0	0
500	**	BSC GROUP, Boston, Mass.	E	23.7	0.0	33	0	32	0	1	0	33	2	0

Where To Find the Top 500

FIRM	RANK	FIRM	RANK	FIRM	RANK	FIRM	RAN
A		CannonDesign	65	Elkus Manfredi Architects	209	Haley & Aldrich Inc.	130
A		Cardno Inc.	58	EMH&T	265	Halff Associates Inc.	102
Advantage Engineers	324	Carollo Engineers Inc.	50	EN Engineering LLC	70	Gary Edward Handel and Associates Architects	341
AECOM	2	Carrier Johnson + CULTURE	495	ENERCON	74	Hanson Professional Services Inc.	172
Aegion Corp. Affili ted Engineers Inc.	95	CDG Engineers & Associates Inc.	441	EnSafe Inc.	279	Hardesty & Hanover LLC	160
Anni teu Engineers inc. AHL	121 462	CDM Smith	25	EUA (Eppstein Uhen Architects Inc.)	303	Hargrove Engineers + Constructors	55
Al Engineers Inc.	302	Century Engineering Inc.	186	Erdman Anthony	385	HED	187
AKF Group	258	CESO Inc. CHA Consulting Inc.	299 53	ESD ESG Architecture & Design	193 457	Harris & Associates Inc. Hart Howerton	489 313
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AlfaTech Consulting Engineers Inc.	422	Clark Nexsen	195	David Evans Enterprises Inc.	90	Haskell	169
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Alpha Testing Inc.	288	CO Architects	244	EXP	26	HBK Engineering LLC	294
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AO Architects	197	Colliers Engineering & Design	109	F		Henderson Engineers Inc.	140
Ardurra Group Inc.	190	Collins Engineers Inc.	316	F		Herbert Rowland & Grubic Inc.	360
ARM Group Enterprises Inc.	331	Commonwealth Associates Inc.	370	Farnsworth Group Inc.	220	HGA	94
Arora Engineers Inc.	399	Congruex	215	Fehr & Peers	261	Highland Associates Ltd.	451
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Barr Engineering Co.	110	CSO	471	FXCollaborative	437	Hunt Guillot & Associates L.L.C.	380
Bartlett & West Inc.	289	Cushing Terrell	254	G		Hussey Gay Bell	492
Barton & Loguidice D.P.C.	293	CTL Engineering Inc.	383	<u>G</u>		HVJ Associates	391
Baxter & Woodman Inc.	296	CTLIThompson Inc.	421	G70	409		
BCC Engineering Inc.	223	Cuningham Group Architecture Inc.	182	GAI Consultants Inc.	145		
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BL Cos. Inc.	158	Dekker/Perich/Sabatini Ltd.	386	Geotechnology Inc.	407	J-U-B Engineers Inc.	241
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Bohannan Huston Inc.	362	DES Architects + Engineers	416	GGLO	454	Jaros Baum & Bolles	252
Bolton & Menk Inc.	150	DeSimone Consulting Engineers	298	Ghafari Associates LLC	162	JCJ Architecture	428
Borton-Lawson	468	Devcon Construction Inc.	488	GHD Inc.	28	JLG Architects	414
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Braun Intertec Corp.	114	WK Dickson& Co. Inc.	396	Golder	20	JoneslCarter	156
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BRPH Architects Engineers Inc.	194	DLZ Corp.	137	GPD Group	152		
BSA LifeStructures	354	Dokken Engineering	476	GRAEF	366	K	
BSC Group	500	Donohue & Associates Inc.	458	Greeley and Hansen	198	Kahler Slater	438
Buchart Horn Inc.	491	DOWL	180	HR Green Inc.	188	Kapur & Associates Inc.	357
Burgess & Niple Inc.	183	Draper Aden Associates Inc.	347	Greenman-Pedersen Inc. (GPI)	64	KCI Technologies Inc.	48
The Burke Group Ltd.	166	DRMP Inc.	217	Gresham Smith	86	Kendall/Heaton Associates Inc.	435
Burns & McDonnell	9	Dunham Associates	490	Grimm + Parker Architects	473	Kier & Wright	338
Burns Engineering Inc.	231	E		GRW Engineers Inc.	426	Kiewit Corp.	18
Burrow Global LLC	248	<u></u>		Guernsey Cult Interatota Engineering Co.	466	Kimley-Horn	15
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Krazan & Associates	392	Mueser Rutledge Consulting Engineers PLLC	389	Ross & Baruzzini Inc.	268	TLC Engineering Solutions Inc.	235
KS Engineers P.C.	403	macoor numbers consulting Lighteers FLLC	003	RRC Power & Energy LLC	372	Tolunay-Wong Engineers Inc.	384
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KTGY Architecture + Planning	218	NAC Architecture	266	RSP	214	TPG Architecture LLP	349
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1		Neel-Schaffer Inc.	206	0 0		Traffic Planning and Design Inc.	450
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LaBella Associates D.P.C.	163	Waldemar S. Nelson and Co. Inc.	317	Rule Joy Trammell + Rubio LLC	478	TRC Cos.	19
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LJA Engineering	57	otar no.	201	Sheehan Nagle Hartray Architects Ltd.	439	VHB	56
LMN Architects	295	Р		Shive-Hattery	246	VIID VJS Construction Services	90 400
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Region Country Company

A. NORTH AMERICA

CANADA

Aegion Corp. Affiliated Engineers Inc. Arcadis North America Arup BL Cos. Inc. Barr Engineering Co. **Bechtel** Bergmann Black & Veatch Burns & McDonnell CDM Smith CHA Consulting Inc. COWI North America CRB CTL/Thompson Inc. **CallisonRTKL** CannonDesign Cardno Inc. Civil & Environmental Consultants Inc. Clark Nexsen Coffman Engineers Inc. **CONSOR** Engineers Core States Group Corgan **Cushing Terrell** D'Amato Conversano Inc. dba DCI Engineers DLR Group Dennis Group **Dunham Associates** EN Engineering LLC **ENERCON** EXP EnSafe Inc. Fishbeck Fluor GEI Consultants Inc. **GGLO** GHD Inc. GZA Gannett Fleming Gary Edward Handel and Associates Architects Genesis AEC Gensler GeoEngineers inc. Geosyntec Consultants Ghafari Associates LLC Golder HDR HGA HKS HNTB Cos. HOK Hanson Professional Services Inc.

Region Country Company

Hardesty & Hanover LLC Hargrove Engineers + Constructors Hazen and Sawyer Henderson Engineers Inc. Highland Associates LTD Humphreys & Partners Architects IBI Group Inc. IMEG Corp. **IPS-Integrated Project Services LLC** Integral Group Jacobs Jaros Baum & Bolles **KPFF** Consulting Engineers Kiewit Corp. Kimley-Horn Kleinfelder Kohn Pedersen Fox Associates PC LANGAN LRK Inc. Landrum & Brown Inc. Lane Bishop York Delahay Inc. Leidos Little Diversified Architectural Consulting Inc. Loring Consulting Engineers Inc. **MBH** Architects **ME** Engineers Macgregor Associates Architects Inc. Magnusson Klemencic Associates Martin/Martin Inc. Matrix Technologies Inc. Merrick & Co. Modjeski and Masters Inc. Moffatt & Nichol Morrison Hershfield Mott MacDonald Mueser Rutledge Consulting Engineers PLLC NBBJ NELSON Worldwide NORR NV5 Global Inc. Page Parsons Partner Engineering and Science Inc. Perkins Eastman Perkins&Will Pond **Populous** RCM Technologies Inc. Rebel Design+Group Robert A.M. Stern Architects Ross & Baruzzini Inc. SCS Engineers SNC-Lavalin Inc. SSOE Group STUDIOS architecture STV Group Inc.

Region Country Company

Region Country Company

SYSTRA USA Salas O'Brien Sanborn Head & Associates Inc. Sargent & Lundy Sasaki Simpson Gumpertz & Heger Skidmore Owings & Merrill Smith Seckman Reid Inc. SmithGroup Solomon Cordwell Buenz (SCB) Stanley Consultants Syska Hennessy Group T.Y. Lin International TPG Architecture LLP TRC Cos. Terracon Consultants Inc. Tetra Tech Inc. The Miller Hull Partnership LLP The Vertex Cos. Inc. Thornton Tomasetti Tower Engineering Professionals **TreanorHL** United E&C Inc. Vanderweil Engineers WSP USA Walker Consultants Walter P Moore Ware Malcomb Wiss Janney Elstner Associates Wood Worley Wright-Pierce Wunderlich-Malec Engineering Inc. ZGF Architects LLP Zachry Group

B. LATIN AMERICA

ARGENTINA Arcadis North America CallisonRTKL Cardno Inc. Fluor Gensler Geosyntec Consultants Moffatt & Nichol Mott MacDonald NELSON Worldwide NORR Sargent & Lundy T.Y. Lin International Thornton Tomasetti Worley

BOLIVIA

Arcadis North America

COWI North America **CallisonRTKL** Golder Merrick & Co. Sargent & Lundy BRAZIL COWI North America **CallisonRTKL** Cardno Inc. Corgan Cushing Terrell Day & Zimmermann Dennis Group Fluor GZA Gensler Geosyntec Consultants Ghafari Associates LLC Golder HGA Henderson Engineers Inc. IBI Group Inc. **IPS-Integrated Project Services LLC KPFF** Consulting Engineers Kimley-Horn Kohn Pedersen Fox Associates PC LANGAN Leidos **MBH** Architects Moffatt & Nichol Mott MacDonald Mueser Rutledge Consulting Engineers PLLC NORR NV5 Global Inc. Newcomb & Boyd Perkins&Will Rebel Design+Group Sargent & Lundy T.Y. Lin International TRC Cos. Thornton Tomasetti Waldemar S. Nelson and Co. Inc. Ware Malcomb Wiss Janney Elstner Associates Wood

CHILE

Worley

Arcadis North America Barr Engineering Co. Bechtel Black & Veatch CDM Smith COWI North America CallisonRTKL

Region Country Company

Cushing Terrell ECS Fluor Gary Edward Handel and Associates Architects Gensler Golder **KPFF** Consulting Engineers Leidos **MBH** Architects Macgregor Associates Architects Inc. Modjeski and Masters Inc. Moffatt & Nichol Mott MacDonald RSP Sargent & Lundy Sasaki Simpson Gumpertz & Heger Vanderweil Engineers Wiss Janney Elstner Associates Wood Worley

COLOMBIA

Arcadis North America Arup Black & Veatch Burns & McDonnell CDM Smith **CallisonRTKL DeSimone Consulting Engineers** Gensler Ghafari Associates LLC Golder Greeley and Hansen Hazen and Sawver IBI Group Inc. **KPFF** Consulting Engineers LANGAN Landrum & Brown Inc. **MBH** Architects Modjeski and Masters Inc. Moffatt & Nichol Mott MacDonald NORR Perkins Eastman Perkins&Will Pond Sargent & Lundy Simpson Gumpertz & Heger T.Y. Lin International Thornton Tomasetti WATG WSP USA Wood Worley

Region Country Company

COSTA RICA

CTL/Thompson Inc. Gensler Hargrove Engineers + Constructors Hart Howerton LANGAN Landrum & Brown Inc. Mott MacDonald Mueser Rutledge Consulting Engineers PLLC RSP Ross & Baruzzini Inc. SmithGroup T.Y. Lin International TRC Cos. Thornton Tomasetti Vanderweil Engineers WSP USA Wiss Janney Elstner Associates

ECUADOR

Arcadis North America Black & Veatch Gensler Golder Greeley and Hansen Hazen and Sawyer KPFF Consulting Engineers Landrum & Brown Inc. Moffatt & Nichol Mueser Rutledge Consulting Engineers PLLC Perkins Eastman Sargent & Lundy TRC Cos. Ware Malcomb

EL SALVADOR

Arcadis North America Black & Veatch CallisonRTKL Fluor Gensler LANGAN Moffatt & Nichol Mott MacDonald RSP Sargent & Lundy Thornton Tomasetti

GUATEMALA

Arcadis North America Black & Veatch CHA Consulting Inc. Gensler Golder Magnusson Klemencic Associates Moffatt & Nichol

Region Country Company

Mott MacDonald Page The Miller Hull Partnership LLP Thornton Tomasetti Ware Malcomb Wood

GUYANA

Day & Zimmermann DeSimone Consulting Engineers Gensler Golder HOK KPFF Consulting Engineers NORR WATG Walter P Moore

HONDURAS

Arcadis North America Burns & McDonnell CHA Consulting Inc. Day & Zimmermann Fluor Gensler HDR **KPFF** Consulting Engineers LANGAN Moffatt & Nichol NV5 Global Inc. Pond Thornton Tomasetti WSP USA Walter P Moore Wiss Janney Elstner Associates Wood

MEXICO

AO Architects Arcadis North America **Barge Design Solutions** Barr Engineering Co. **Bechtel** Bermello Ajamil & Partners Inc. Black & Veatch Burns & McDonnell CHA Consulting Inc. COWI North America **CallisonRTKL** Cardno Inc. Clark Nexsen Coffman Engineers Inc. **Cushing Terrell** Day & Zimmermann **DeSimone Consulting Engineers** Dennis Group

Region Country Company

ECS EN Engineering LLC Fluor GEI Consultants Inc. GZA Gensler Geocon Geosyntec Consultants Ghafari Associates LLC Golder HGA HKS HOK Hanson Professional Services Inc. Hargrove Engineers + Constructors Hart Howerton Haskell Henderson Engineers Inc. IBI Group Inc. IMEG Corp. **IPS-Integrated Project Services LLC KPFF** Consulting Engineers Kiewit Corp. Kimley-Horn Kohn Pedersen Fox Associates PC LANGAN LEO A DALY Lane Bishop York Delahay Inc. Lanier & Associates Consulting Engineers Inc. Leidos **MBH** Architects Magnusson Klemencic Associates Mazzetti Merrick & Co. Moffatt & Nichol Mott MacDonald NELSON Worldwide NINYO & MOORE GEOTECH. & ENVIRO. **SCIENCES** NORR NV5 Global Inc. Page Perkins Eastman Perkins&Will Pond **Populous** Rebel Design+Group SCS Engineers SSOE Group Salas O'Brien Sargent & Lundy Sasaki Sheehan Nagle Hartray Architects Ltd. Simpson Gumpertz & Heger Skidmore Owings & Merrill T.Y. Lin International

Region Country Company

TLC Engineering Solutions Inc. TPG Architecture LLP TRC Cos. Terracon Consultants Inc. The Beck Group The Miller Hull Partnership LLP Thornton Tomasetti WATG WSP USA Waldemar S. Nelson and Co. Inc. Walker Consultants Walter P Moore Ware Malcomb Wiss Janney Elstner Associates Wood Worley

NICARAGUA

Arcadis North America Gensler Golder HKS Landrum & Brown Inc. Moffatt & Nichol Mott MacDonald Sargent & Lundy Thornton Tomasetti

PANAMA

A&P Consulting Transportation Engineers Corp. AO Architects Arcadis North America Black & Veatch **CallisonRTKL** Cushing Terrell Gannett Fleming Gensler Geosyntec Consultants Golder Hart Howerton Hazen and Sawyer Henderson Engineers Inc. LANGAN Magnusson Klemencic Associates Moffatt & Nichol Mott MacDonald Mueser Rutledge Consulting Engineers PLLC Page Sargent & Lundy Simpson Gumpertz & Heger T.Y. Lin International Thornton Tomasetti WATG WSP USA Walker Consultants Walter P Moore

Region Country Company

Ware Malcomb

PARAGUAY

KPFF Consulting Engineers Merrick & Co. Mott MacDonald ZGF Architects LLP

PERU

Arcadis North America **Bechtel** Black & Veatch Cushing Terrell **DeSimone Consulting Engineers** Fluor Gensler Geo-Logic Associates Inc. Geosyntec Consultants Golder Henderson Engineers Inc. Kohn Pedersen Fox Associates PC Martin/Martin Inc. Moffatt & Nichol Mott MacDonald NORR Perkins Eastman Robert A.M. Stern Architects Sargent & Lundy Sasaki Simpson Gumpertz & Heger SmithGroup T.Y. Lin International TLC Engineering Solutions Inc. TRC Cos. Thornton Tomasetti WATG WSP USA Wood Worley

SURINAME

Golder HOK Moffatt & Nichol

URUGUAY

Arcadis North America Gensler Golder Humphreys & Partners Architects MBH Architects Mott MacDonald Newcomb & Boyd SmithGroup Terracon Consultants Inc. Thornton Tomasetti

Region Country Company

VENEZUELA

NV5 Global Inc.

C. CARIBBEAN ISLANDS

CUBA

Black & Veatch Burns & McDonnell Coffman Engineers Inc. Collins Engineers Inc. LEO A DALY LS3P Moffatt & Nichol Newcomb & Boyd Pond TLC Engineering Solutions Inc. Terracon Consultants Inc. Thornton Tomasetti Wood

GREATER ANTILLES

Arcadis North America Bermello Ajamil & Partners Inc. Black & Veatch Burns & McDonnell COWI North America **CallisonRTKL** Cushing Terrell DLZ Corp. Dennis Group EXP Fluor Gensler Golder Hart Howerton Kimley-Horn LANGAN LEO A DALY Modjeski and Masters Inc. Moffatt & Nichol Morrison Hershfield Mott MacDonald Mueser Rutledge Consulting Engineers PLLC NORR NV5 Global Inc. Perkins&Will RSP Rebel Design+Group **SMALLWOOD** Sargent & Lundy Simpson Gumpertz & Heger SmithGroup T.Y. Lin International Thornton Tomasetti WATG Walter P Moore

Region Country Company

Wood

LESSER ANTILLES

Arcadis North America Ardurra Group Inc. BRPH Architects Engineers Inc. Barr Engineering Co. Bermello Ajamil & Partners Inc. Black & Veatch Burns & McDonnell CHA Consulting Inc. COWI North America **CallisonRTKL** Collins Engineers Inc. Corgan DLR Group **DeSimone** Consulting Engineers ECS EXP EYP Architecture & Engineering Fluor Gensler Geosyntec Consultants Ghafari Associates LLC Golder HOK Hanson Professional Services Inc. Hargrove Engineers + Constructors Hart Howerton Integral Group Jaros Baum & Bolles Kimley-Horn LANGAN Landrum & Brown Inc. Leidos Moffatt & Nichol NORR NV5 Global Inc. Parsons Partner Engineering and Science Inc. Perkins Eastman RSP Rebel Design+Group STUDIOS architecture Salas O'Brien Sanborn Head & Associates Inc. Sargent & Lundy Simpson Gumpertz & Heger Solomon Cordwell Buenz (SCB) T.Y. Lin International TLC Engineering Solutions Inc. Terracon Consultants Inc. The Beck Group Thornton Tomasetti Vanderweil Engineers WATG

Region Country Company

Waldemar S. Nelson and Co. Inc. Wiss Janney Elstner Associates

PUERTO RICO

Arcadis North America Bermello Ajamil & Partners Inc. Black & Veatch Burns & McDonnell CDM Smith CRB **CallisonRTKL** Civil & Environmental Consultants Inc. Clark Nexsen Collins Engineers Inc. **Cushing Terrell** DLR Group Dattner Architects David Evans Enterprises Inc. Dav & Zimmermann ECS Farnsworth Group Inc. Flad Architects Fluor Genesis AEC Gensler Golder Hanson Professional Services Inc. Hart Howerton Henderson Engineers Inc. IMEG Corp. KPFF Consulting Engineers Kimley-Horn LANGAN LEO A DALY Merrick & Co. Moffatt & Nichol Mueser Rutledge Consulting Engineers PLLC Newcomb & Boyd Parsons Partner Engineering and Science Inc. Perkins Eastman Perkins&Will Pond RCM Technologies Inc. RSP Rebel Design+Group Sargent & Lundy Smith Seckman Reid Inc. SmithGroup TLC Engineering Solutions Inc. The Vertex Cos. Inc. Thornton Tomasetti Vanderweil Engineers WATG WSP USA Waldemar S. Nelson and Co. Inc.

Region Country Company

Wight & Co. Wiss Janney Elstner Associates Wood

D. EUROPE

ALBANIA Golder KPFF Consulting Engineers WATG

ARMENIA Golder Rebel Design+Group Simpson Gumpertz & Heger TRC Cos.

AUSTRIA Black & Veatch Burns & McDonnell CRB EnSafe Inc. Golder HOK KPFF Consulting Engineers MBH Architects Merrick & Co. Mott MacDonald Perkins Eastman Perkins&Will Rebel Design+Group WATG

AZERBAIJAN

Bechtel Black & Veatch CallisonRTKL Day & Zimmermann Gensler MBH Architects Merrick & Co. Perkins Eastman Sargent & Lundy Wood

BELARUS

Day & Zimmermann MBH Architects Thornton Tomasetti

BELGIUM

Aegion Corp. Arcadis North America CRB CallisonRTKL Coffman Engineers Inc.

Region Country Company

Fluor Gensler Geosyntec Consultants Golder HOK **MBH** Architects Moffatt & Nichol Mueser Rutledge Consulting Engineers PLLC NORR Perkins Eastman Perkins&Will RCM Technologies Inc. Simpson Gumpertz & Heger Skidmore Owings & Merrill SmithGroup Thornton Tomasetti Wood

BOSNIA & HERZEGOVINA

CRB Page

BULGARIA

Black & Veatch CallisonRTKL Fluor Golder HDR HKS MBH Architects TRC Cos. WATG Wood

CROATIA

Black & Veatch CallisonRTKL Gensler Hanson Professional Services Inc. MBH Architects Zachry Group

CZECH REP.

EN Engineering LLC EYP Architecture & Engineering EnSafe Inc. Fluor Gensler Golder Jacobs MBH Architects Mueser Rutledge Consulting Engineers PLLC NORR Perkins Eastman Perkins&Will Rebel Design+Group **Region Country Company**

TRC Cos. Thornton Tomasetti Wood

DENMARK

Aegion Corp. Arcadis North America Bermello Ajamil & Partners Inc. COWI North America Cardno Inc. EnSafe Inc. Fluor Gensler Geosyntec Consultants Golder **IPS-Integrated Project Services LLC** Merrick & Co. Parsons Perkins&Will Rebel Design+Group Sheehan Nagle Hartray Architects Ltd. Skidmore Owings & Merrill TRC Cos. Thornton Tomasetti WSP USA Wood

ESTONIA

LANGAN

FINLAND

CallisonRTKL Cardno Inc. Gensler Ghafari Associates LLC Golder NORR NV5 Global Inc. Perkins&Will Rebel Design+Group Simpson Gumpertz & Heger TRC Cos. Thornton Tomasetti

FRANCE

Arcadis North America Burns & McDonnell COWI North America CRB CallisonRTKL Cardno Inc. Fluor Gensler Geosyntec Consultants Golder HKS

Region Country Company

HOK

Huitt-Zollars Inc. **IPS-Integrated Project Services LLC** Integral Group Jacobs **KPFF** Consulting Engineers Kohn Pedersen Fox Associates PC LANGAN **MBH** Architects **ME** Engineers Martin/Martin Inc. NV5 Global Inc. Parsons Perkins Eastman Perkins&Will **Populous** STUDIOS architecture Sanborn Head & Associates Inc. Sheehan Nagle Hartray Architects Ltd. Simpson Gumpertz & Heger Skidmore Owings & Merrill TRC Cos. Thornton Tomasetti WATG WSP USA Wood

GEORGIA

Burns & McDonnell Gensler Golder Moffatt & Nichol Otak Inc. T.Y. Lin International WATG ZGF Architects LLP

GERMANY

Affiliated Engineers Inc. Bergmann Black & Veatch Buchart Horn Inc. Burns & McDonnell CDM Smith COWI North America CRB **CallisonRTKL** Cardno Inc. Clark Nexsen Coffman Engineers Inc. EYP Architecture & Engineering Fluor Gensler Geosyntec Consultants Ghafari Associates LLC Golder

Region Country Company

HDR HKS HOK IBI Group Inc. **IPS-Integrated Project Services LLC** Jacobs Kohn Pedersen Fox Associates PC **MBH** Architects Martin/Martin Inc. Michael Baker International Moffatt & Nichol NORR NV5 Global Inc. Page Parsons Partner Engineering and Science Inc. Perkins Eastman Perkins&Will Rebel Design+Group Robert A.M. Stern Architects SSOE Group Smith Seckman Reid Inc. TLC Engineering Solutions Inc. TRC Cos. Thornton Tomasetti WSP USA Walker Consultants Ware Malcomb Wiss Janney Elstner Associates Wood Zachry Group

GREECE

COWI North America **CallisonRTKL** Day & Zimmermann Gensler Golder HKS HOK IBI Group Inc. LANGAN **MBH** Architects Michael Baker International Moffatt & Nichol Parsons Perkins Eastman Populous Thornton Tomasetti WATG Wiss Janney Elstner Associates

HUNGARY

Black & Veatch CallisonRTKL Fluor

Region Country Company

Gensler

Ghafari Associates LLC Golder HDR MBH Architects Perkins Eastman Perkins&Will STUDIOS architecture TRC Cos. Thornton Tomasetti Wood

IRELAND

Aegion Corp. Affiliated Engineers Inc. Arcadis North America Black & Veatch Burns & McDonnell CDM Smith COWI North America CRB Cardno Inc. Day & Zimmermann Exvte US Inc. Farnsworth Group Inc. GEI Consultants Inc. Gensler Geosyntec Consultants Ghafari Associates LLC Golder HGA HOK Hardesty & Hanover LLC IBI Group Inc. **IPS-Integrated Project Services LLC** Jacobs **KPFF** Consulting Engineers Kohn Pedersen Fox Associates PC Moffatt & Nichol Parsons Perkins Eastman Perkins&Will **Populous** Robert A.M. Stern Architects SSOE Group STUDIOS architecture Sheehan Nagle Hartray Architects Ltd. TRC Cos. Terracon Consultants Inc. Tetra Tech Inc. Thornton Tomasetti WSP USA Walker Consultants Wood

Region Country Company

ITALY

Arcadis North America Bermello Ajamil & Partners Inc. Burns & McDonnell **CallisonRTKL** Cardno Inc. Clark Nexsen Collins Engineers Inc. Day & Zimmermann EnSafe Inc. Fluor Gensler Ghafari Associates LLC Golder HDR HKS **KPFF** Consulting Engineers Kohn Pedersen Fox Associates PC **MBH** Architects Michael Baker International Moffatt & Nichol NORR NV5 Global Inc. Page Parkhill Smith & Cooper Inc. Perkins & Will Pond Populous Rebel Design+Group Sanborn Head & Associates Inc. Skidmore Owings & Merrill SmithGroup TRC Cos. Thornton Tomasetti WATG Waldemar S. Nelson and Co. Inc. Wiss Janney Elstner Associates Wood

LATVIA

Black & Veatch COWI North America Ghafari Associates LLC LEO A DALY Perkins&Will Wood

LITHUANIA

Black & Veatch Fluor Gensler MBH Architects

MOLDOVA

KPFF Consulting Engineers

Region Country Company

NETHERLANDS

Aegion Corp. Arcadis North America Barr Engineering Co. Black & Veatch Burns & McDonnell CRB **CallisonRTKL** Cardno Inc. Corgan EN Engineering LLC Fluor Gensler Geosyntec Consultants Ghafari Associates LLC Golder HKS HOK Jacobs **MBH** Architects NORR NV5 Global Inc. Perkins&Will Rebel Design+Group Sargent & Lundy Sheehan Nagle Hartray Architects Ltd. TRC Cos. Thornton Tomasetti Ware Malcomb Wiss Janney Elstner Associates Wood Worley

NORWAY

Aegion Corp. Arcadis North America Black & Veatch COWI North America Cardno Inc. Fluor Gensler Golder HGA **MBH** Architects Perkins&Will **Populous** Rebel Design+Group TRC Cos. WATG Wood

POLAND

Black & Veatch Buchart Horn Inc. Burns & McDonnell CDM Smith **Region Country Company**

CallisonRTKL Cardno Inc. Fluor Gensler Goettsch Partners Golder HDR HGA HOK Jacobs **KPFF** Consulting Engineers **MBH** Architects Moffatt & Nichol NORR Page Perkins&Will STUDIOS architecture Sheehan Nagle Hartray Architects Ltd. Skidmore Owings & Merrill Thornton Tomasetti Wiss Janney Elstner Associates Wood Zachry Group

PORTUGAL

CRB CallisonRTKL Dennis Group Fluor Gensler Golder Kohn Pedersen Fox Associates PC **MBH** Architects NORR Rebel Design+Group T.Y. Lin International TRC Cos. Thornton Tomasetti Vanderweil Engineers WATG Wood

ROMANIA

Black & Veatch Cardno Inc. Gensler Golder HOK MBH Architects NORR STUDIOS architecture Sargent & Lundy TRC Cos. Wood

RUSSIA

Barr Engineering Co. Black & Veatch CTL/Thompson Inc. CallisonRTKL Day & Zimmermann **FXCollaborative** Fluor Golder HKS HOK **MBH** Architects Mott MacDonald Perkins Eastman Perkins&Will **Populous** Robert A.M. Stern Architects SSOE Group Simpson Gumpertz & Heger Skidmore Owings & Merrill Terracon Consultants Inc. Thornton Tomasetti WATG Wood

SERBIA

Bechtel CallisonRTKL Gensler Golder HOK Integral Group **MBH** Architects NORR Newcomb & Boyd Perkins&Will RCM Technologies Inc. **SMALLWOOD** Skidmore Owings & Merrill WATG Walter P Moore Wiss Janney Elstner Associates

SLOVAKIA

Black & Veatch Burns & McDonnell Cardno Inc. Gensler KPFF Consulting Engineers MBH Architects Perkins&Will SSOE Group T.Y. Lin International Wood **Region Country Company**

SLOVENIA

Golder HOK MBH Architects NV5 Global Inc. Sargent & Lundy

SPAIN

Aegion Corp. Arcadis North America Barr Engineering Co. Bermello Ajamil & Partners Inc. Black & Veatch COWI North America CallisonRTKL Clark Nexsen Fluor Gensler Golder HKS HOK **IPS-Integrated Project Services LLC** Integral Group **KPFF** Consulting Engineers Kohn Pedersen Fox Associates PC LaBella Associates D.P.C. **MBH** Architects Michael Baker International Moffatt & Nichol NV5 Global Inc. Perkins Eastman Perkins&Will Pond SSOE Group T.Y. Lin International TLC Engineering Solutions Inc. TRC Cos. Thornton Tomasetti WATG WSP USA Wiss Janney Elstner Associates Wood Zachry Group

SWEDEN

Arcadis North America COWI North America Corgan Fluor Gensler Geosyntec Consultants Golder HOK Jacobs LANGAN MBH Architects

Region Country Company

Perkins&Will Rebel Design+Group Sheehan Nagle Hartray Architects Ltd. Skidmore Owings & Merrill TRC Cos. Thornton Tomasetti Wood Zachry Group

SWITZERLAND

Arcadis North America Burns & McDonnell CRB CallisonRTKL Cardno Inc. Corgan Fluor Gensler Geosyntec Consultants HKS HOK **IPS-Integrated Project Services LLC** Jacobs **MBH** Architects NORR Partner Engineering and Science Inc. Perkins&Will Populous Rebel Design+Group Skidmore Owings & Merrill Thornton Tomasetti Wood

UKRAINE

Bechtel Black & Veatch Day & Zimmermann Fluor Golder MBH Architects NORR Page Parsons Perkins Eastman Perkins & Will STUDIOS architecture

UNITED KINGDOM

Aegion Corp. Affiliated Engineers Inc. Arcadis North America BRPH Architects Engineers Inc. Bechtel Black & Veatch Burns & McDonnell CO Architects **Region Country Company**

COWI North America CRB CallisonRTKL Cardno Inc. Corgan **DeSimone Consulting Engineers** Fluor GZA Gensler Geosyntec Consultants Golder HDR HOK Henderson Engineers Inc. IBI Group Inc. **IPS-Integrated Project Services LLC** Integral Group Jacobs **KPFF** Consulting Engineers Kohn Pedersen Fox Associates PC LANGAN LEO A DALY **MBH** Architects **ME** Engineers Martin/Martin Inc. Merrick & Co. Michael Baker International Moffatt & Nichol Mott MacDonald Mueser Rutledge Consulting Engineers PLLC NBBJ NORR NV5 Global Inc. Page Parsons Partner Engineering and Science Inc. Perkins Eastman Perkins&Will Pond **Populous** RCM Technologies Inc. RSP Robert A.M. Stern Architects Sargent & Lundy Sheehan Nagle Hartray Architects Ltd. Simpson Gumpertz & Heger Skidmore Owings & Merrill TPG Architecture LLP TRC Cos. Terracon Consultants Inc. Tetra Tech Inc. Thornton Tomasetti WATG WSP USA Ware Malcomb Wiss Janney Elstner Associates

Wood Worley

E. MIDDLE EAST

AFGHANISTAN

CHA Consulting Inc. Day & Zimmermann EYP Architecture & Engineering Mott MacDonald Sasaki The Miller Hull Partnership LLP Thornton Tomasetti

BAHRAIN

Bechtel CallisonRTKL Clark Nexsen Gensler Golder HDR HOK NV5 Global Inc. Parsons Perkins Eastman Perkins&Will **Populous SMALLWOOD** Skidmore Owings & Merrill Stanley Consultants Syska Hennessy Group WATG Walker Consultants Worley

CYPRUS

AECOM HKS HOK LANGAN MBH Architects NV5 Global Inc. SmithGroup Thornton Tomasetti WATG

IRAQ

Black & Veatch COWI North America Day & Zimmermann EYP Architecture & Engineering Fluor Gensler Ghafari Associates LLC Moffatt & Nichol Parsons **Region Country Company**

RCM Technologies Inc. Sargent & Lundy Thornton Tomasetti WATG

ISRAEL

Affiliated Engineers Inc. Arcadis North America Black & Veatch CDM Smith COWI North America EN Engineering LLC EYP Architecture & Engineering Farnsworth Group Inc. Fluor Gensler HDR HKS Hazen and Sawyer IBI Group Inc. Kohn Pedersen Fox Associates PC LS3P Magnusson Klemencic Associates Moffatt & Nichol Morrison Hershfield Perkins Eastman Perkins&Will Sargent & Lundy Sasaki Simpson Gumpertz & Heger TRC Cos. Thornton Tomasetti WATG WSP USA

JORDAN

Barr Engineering Co. Black & Veatch Day & Zimmermann HOK **KPFF** Consulting Engineers LANGAN Magnusson Klemencic Associates Michael Baker International Perkins Eastman Perkins&Will Ross & Baruzzini Inc. Sargent & Lundy Stanley Consultants Syska Hennessy Group T.Y. Lin International TRC Cos. Vanderweil Engineers WATG

KUWAIT

Region Country Company

Black & Veatch **CallisonRTKL** Fluor Gensler HOK Hanson Professional Services Inc. IMEG Corp. Jacobs Kohn Pedersen Fox Associates PC **MBH** Architects Michael Baker International Moffatt & Nichol Parsons Perkins Eastman Perkins&Will Ross & Baruzzini Inc. Skidmore Owings & Merrill Syska Hennessy Group T.Y. Lin International Terracon Consultants Inc. Thornton Tomasetti WSP USA Walker Consultants Wiss Janney Elstner Associates Wood

LEBANON

KPFF Consulting Engineers NV5 Global Inc. Perkins&Will Sasaki Thornton Tomasetti Wiss Janney Elstner Associates

OMAN

Aegion Corp. Bechtel Black & Veatch **CallisonRTKL** Fluor Gensler Ghafari Associates LLC HOK Parsons Perkins Eastman Rebel Design+Group SMALLWOOD Simpson Gumpertz & Heger Syska Hennessy Group Terracon Consultants Inc. Thornton Tomasetti Wood Worley

PAKISTAN

Barr Engineering Co.

Region Country Company

Black & Veatch CDM Smith HOK Hanson Professional Services Inc. **KPFF** Consulting Engineers NV5 Global Inc. Sargent & Lundy WATG Wood **QATAR** Black & Veatch Burns & McDonnell COWI North America CallisonRTKL Clark Nexsen Cuningham Group Architecture Inc. Day & Zimmermann Fluor HDR HGA HKS HOK Jacobs LEO A DALY **MBH** Architects Michael Baker International Moffatt & Nichol Mueser Rutledge Consulting Engineers PLLC NORR Page Parsons Perkins Eastman Pond Rebel Design+Group Ross & Baruzzini Inc. SYSTRA USA Sargent & Lundy Simpson Gumpertz & Heger SmithGroup Stanley Consultants T.Y. Lin International Thornton Tomasetti WATG Walker Consultants Wight & Co. Wiss Janney Elstner Associates Wood

SAUDI ARABIA

Aegion Corp. Ayers Saint Gross Bechtel Bermello Ajamil & Partners Inc. Black & Veatch Burns & McDonnell

Region Country Company

CallisonRTKL Cooper Carry Corgan DLR Group Day & Zimmermann Fluor GEI Consultants Inc. GZA Gensler Ghafari Associates LLC Golder HDR HKS HOK IBI Group Inc. Integral Group Jacobs **KPFF** Consulting Engineers Kirksey Architects Inc. LANGAN LEO A DALY Landrum & Brown Inc. Leidos **MBH** Architects **ME** Engineers Michael Baker International Moffatt & Nichol Mueser Rutledge Consulting Engineers PLLC NV5 Global Inc. Page Parsons Perkins Eastman Perkins&Will **Populous** Rebel Design+Group Ross & Baruzzini Inc. **SMALLWOOD** SYSTRA USA Sargent & Lundy Sasaki Simpson Gumpertz & Heger Skidmore Owings & Merrill SmithGroup Stanley Consultants Syska Hennessy Group T.Y. Lin International Terracon Consultants Inc. Thornton Tomasetti Vanderweil Engineers WATG Walker Consultants Walter P Moore Ware Malcomb Wood Worley

Region Country Company

TURKEY Bermello Ajamil & Partners Inc. Black & Veatch CHA Consulting Inc. COWI North America Day & Zimmermann Fluor Gensler Ghafari Associates LLC Golder HOK **KPFF** Consulting Engineers LANGAN Leidos **MBH** Architects Michael Baker International Moffatt & Nichol Mott MacDonald Page Parsons Perkins Eastman Perkins&Will Robert A.M. Stern Architects Sargent & Lundy T.Y. Lin International Thornton Tomasetti WATG Wood

U.A.E.

Aegion Corp. Arcadis North America Ardurra Group Inc. **Bechtel** Black & Veatch Burns & McDonnell CDM Smith CallisonRTKL Coffman Engineers Inc. Cushing Terrell DLR Group **DeSimone** Consulting Engineers **ENERCON** Fluor Gannett Fleming Gary Edward Handel and Associates Architects Gensler Ghafari Associates LLC Goettsch Partners Golder HDR HKS HOK Henderson Engineers Inc. IBI Group Inc. Integral Group

Jacobs LANGAN LEO A DALY Landrum & Brown Inc. **MBH** Architects Moffatt & Nichol Mott MacDonald NORR NV5 Global Inc. Page Parsons Perkins Eastman Perkins&Will Rebel Design+Group Ross & Baruzzini Inc. SYSTRA USA Sargent & Lundy Sasaki Skidmore Owings & Merrill Stanley Consultants Syska Hennessy Group T.Y. Lin International Thornton Tomasetti WATG WSP USA Walker Consultants Wood

F. ASIA

BANGLADESH Black & Veatch COWI North America HOK Mott MacDonald Perkins Eastman Sargent & Lundy Skidmore Owings & Merrill Thornton Tomasetti

CAMBODIA

Black & Veatch Gensler Kohn Pedersen Fox Associates PC LANGAN Otak Inc. Perkins Eastman T.Y. Lin International WATG

CHINA (P.R.C.)

AO Architects Affiliated Engineers Inc. Arcadis North America Ayers Saint Gross Black & Veatch **Region Country Company**

CRB **CallisonRTKL** Corgan Cuningham Group Architecture Inc. D'Amato Conversano Inc. dba DCI Engineers DLR Group Dahlin Group Architecture Planning ESD EXP **GBBN** Gary Edward Handel and Associates Architects Gensler GeoEngineers inc. Goettsch Partners Golder Gresham Smith HDR HKS HOK Hanson Professional Services Inc. Hargrove Engineers + Constructors Haskell **IPS-Integrated Project Services LLC** Integral Group Jacobs **KPFF** Consulting Engineers Kohn Pedersen Fox Associates PC LEO A DALY Landrum & Brown Inc. Little Diversified Architectural Consulting Inc. **MBH** Architects Magnusson Klemencic Associates Moffatt & Nichol Mott MacDonald NAC Architecture NBBJ NELSON Worldwide NV5 Global Inc. Perkins Eastman Perkins&Will **Populous** RATIO Robert A.M. Stern Architects SSOE Group Salas O'Brien Sargent & Lundy Sasaki Simpson Gumpertz & Heger Skidmore Owings & Merrill Smith Seckman Reid Inc. SmithGroup Steinberg Hart Syska Hennessy Group T.Y. Lin International TRC Cos. Thornton Tomasetti

Region Country Company

tvsdesign Vanderweil Engineers WATG WSP USA Ware Malcomb Wood ZGF Architects LLP

DIEGO GARCIA

Black & Veatch CallisonRTKL Gensler MBH Architects Perkins Eastman Pond Populous Robert A.M. Stern Architects Thornton Tomasetti Wiss Janney Elstner Associates

HONG KONG (P.R.C.)

Aegion Corp. Arcadis North America **Bechtel** Black & Veatch Burns & McDonnell CallisonRTKL Day & Zimmermann Gensler Golder HKS HOK IBI Group Inc. Jacobs Kohn Pedersen Fox Associates PC LEO A DALY **MBH** Architects Mott MacDonald NBBJ NELSON Worldwide NV5 Global Inc. Parsons Perkins Eastman Perkins&Will **Populous** Robert A.M. Stern Architects Skidmore Owings & Merrill Syska Hennessy Group Thornton Tomasetti Wunderlich-Malec Engineering Inc.

INDIA

Aegion Corp. Arcadis North America Bechtel Black & Veatch **Region Country Company**

CDM Smith CHA Consulting Inc. COWI North America CRB **CallisonRTKL** CannonDesign Corgan DLZ Corp. Fluor Gensler Ghafari Associates LLC Golder HOK Hanson Professional Services Inc. IBI Group Inc. **IPS-Integrated Project Services LLC** Jacobs **KPFF** Consulting Engineers Kohn Pedersen Fox Associates PC LANGAN Landrum & Brown Inc. **MBH** Architects **ME** Engineers Magnusson Klemencic Associates Moffatt & Nichol Mueser Rutledge Consulting Engineers PLLC NBBJ NV5 Global Inc. Newcomb & Boyd Perkins Eastman Perkins & Will **Populous** Ross & Baruzzini Inc. **SMALLWOOD** SSOE Group Sargent & Lundy Skidmore Owings & Merrill Stanley Consultants Syska Hennessy Group T.Y. Lin International Thornton Tomasetti tvsdesign WATG WSP USA Walker Consultants Walter P Moore Wiss Janney Elstner Associates Wood

INDONESIA

AO Architects Aegion Corp. Arcadis North America Bechtel Black & Veatch CallisonRTKL

Region Country Company

Cardno Inc. Fluor GAI Consultants Inc. Gensler Golder Integral Group Jacobs **KPFF** Consulting Engineers Kohn Pedersen Fox Associates PC LANGAN Landrum & Brown Inc. **MBH** Architects Magnusson Klemencic Associates NBBJ NORR NV5 Global Inc. Page Rebel Design+Group Robert A.M. Stern Architects **SMALLWOOD** Sargent & Lundy Skidmore Owings & Merrill T.Y. Lin International TPG Architecture LLP Thornton Tomasetti WATG Waldemar S. Nelson and Co. Inc.

JAPAN

AO Architects Aegion Corp. Arcadis North America **Bechtel** Black & Veatch Burns & McDonnell CHA Consulting Inc. CRB **CallisonRTKL** Cardno Inc. Coffman Engineers Inc. Corgan **Cushing Terrell** Day & Zimmermann Dewberry EYP Architecture & Engineering Gary Edward Handel and Associates Architects Gensler Golder HDR HKS HOK I. C. Thomasson Associates Inc. Integral Group **KPFF** Consulting Engineers Kohn Pedersen Fox Associates PC LEO A DALY

Region Country Company

MBH Architects Michael Baker International Moffatt & Nichol Mott MacDonald NV5 Global Inc. Newcomb & Boyd Parkhill Smith & Cooper Inc. Parsons Perkins Eastman Perkins&Will Pond **Populous** Robert A.M. Stern Architects Simpson Gumpertz & Heger Skidmore Owings & Merrill Smith Seckman Reid Inc. Stanley Consultants TLC Engineering Solutions Inc. Thornton Tomasetti WATG Walter P Moore Wiss Janney Elstner Associates Wood ZGF Architects LLP Zachry Group

KAZAKHSTAN

Black & Veatch CallisonRTKL Fluor Gensler Golder MBH Architects Martin/Martin Inc. NORR Perkins Eastman Robert A.M. Stern Architects Skidmore Owings & Merrill

KOREA, SOUTH

AO Architects Arcadis North America **Bechtel** Black & Veatch Burns & McDonnell CHA Consulting Inc. CRB CallisonRTKL Coffman Engineers Inc. **Cushing Terrell** EXP Fluor Gensler Geosyntec Consultants Golder HDR

Region Country Company

HKS

HOK Jacobs **KPFF** Consulting Engineers Kohn Pedersen Fox Associates PC **MBH** Architects Magnusson Klemencic Associates Michael Baker International Mott MacDonald Mueser Rutledge Consulting Engineers PLLC NBBJ NELSON Worldwide Newcomb & Boyd Parsons Perkins&Will Pond RATIO Robert A.M. Stern Architects Sargent & Lundy Sasaki Simpson Gumpertz & Heger Skidmore Owings & Merrill Smith Seckman Reid Inc. Stanley Consultants Syska Hennessy Group T.Y. Lin International TRC Cos. Terracon Consultants Inc. The Beck Group Thornton Tomasetti tvsdesign WATG Zachry Group

KYRGYZSTAN

Burns & McDonnell Golder

LAOS

Black & Veatch Golder Otak Inc. Perkins Eastman

MALAYSIA

AO Architects Aegion Corp. Arcadis North America Black & Veatch COWI North America CallisonRTKL Fluor Gensler Geosyntec Consultants Golder Haskell

Region Country Company

Jacobs Kohn Pedersen Fox Associates PC LANGAN MBH Architects NV5 Global Inc. Newcomb & Boyd Page Perkins Eastman RATIO Rebel Design+Group Sasaki Skidmore Owings & Merrill T.Y. Lin International WATG Wood

MONGOLIA

Black & Veatch Golder LANGAN NV5 Global Inc. Sargent & Lundy

MYANMAR (BURMA)

Black & Veatch Day & Zimmermann HOK KPFF Consulting Engineers LANGAN Magnusson Klemencic Associates TRC Cos. Thornton Tomasetti ZGF Architects LLP

NEPAL

Landrum & Brown Inc. Magnusson Klemencic Associates Otak Inc. SMALLWOOD Simpson Gumpertz & Heger

PHILIPPINES

AO Architects Black & Veatch Burns & McDonnell COWI North America CallisonRTKL Fluor Gary Edward Handel and Associates Architects Gensler GeoEngineers inc. Ghafari Associates LLC Golder HKS Jacobs KPFF Consulting Engineers

Region Country Company

Kirksey Architects Inc. LANGAN Leidos Magnusson Klemencic Associates Moffatt & Nichol NV5 Global Inc. Perkins&Will **Populous** Ross & Baruzzini Inc. Sargent & Lundy Skidmore Owings & Merrill *SmithGroup* Stanley Consultants T.Y. Lin International Thornton Tomasetti WATG WSP USA Wiss Janney Elstner Associates

SINGAPORE

Aegion Corp. Arcadis North America Bermello Ajamil & Partners Inc. Black & Veatch Burns & McDonnell CallisonRTKL Cardno Inc. Coffman Engineers Inc. Corgan Fluor Gensler Golder HGA HKS HOK Haskell **IPS-Integrated Project Services LLC** Jacobs Kahler Slater Kohn Pedersen Fox Associates PC Landrum & Brown Inc. **MBH** Architects Merrick & Co. Moffatt & Nichol Mott MacDonald NBBJ NV5 Global Inc. Parsons Perkins&Will Populous Sasaki Skidmore Owings & Merrill Syska Hennessy Group T.Y. Lin International Thornton Tomasetti WATG

Region Country Company

WSP USA Wood Worley

SRI LANKA

Black & Veatch CHA Consulting Inc. CallisonRTKL Coffman Engineers Inc. Fluor Gensler Hanson Professional Services Inc. LANGAN Perkins Eastman Skidmore Owings & Merrill T.Y. Lin International Thornton Tomasetti ZGF Architects LLP

TAIWAN

Aegion Corp. Arcadis North America **Bechtel** Black & Veatch Burns & McDonnell **CallisonRTKL** EYP Architecture & Engineering Farnsworth Group Inc. Gary Edward Handel and Associates Architects Gensler Golder Kohn Pedersen Fox Associates PC **MBH** Architects Magnusson Klemencic Associates Merrick & Co. NBBJ Parsons Skidmore Owings & Merrill T.Y. Lin International Thornton Tomasetti WATG WSP USA Wood Zachry Group

THAILAND

AO Architects Aegion Corp. Arcadis North America BRPH Architects Engineers Inc. Bechtel Black & Veatch CHA Consulting Inc. CallisonRTKL EXP Fluor

Region Country Company

Gensler Hart Howerton Jacobs **KPFF** Consulting Engineers Kohn Pedersen Fox Associates PC Leidos **MBH** Architects Mott MacDonald NBBJ Page Perkins Eastman **Populous SMALLWOOD** Skidmore Owings & Merrill Thornton Tomasetti WATG Walter P Moore

UZBEKISTAN

Otak Inc. Sargent & Lundy WATG Wiss Janney Elstner Associates

VIETNAM

AO Architects Barr Engineering Co. Black & Veatch Burns & McDonnell CDM Smith COWI North America **CallisonRTKL** EXP EYP Architecture & Engineering Gary Edward Handel and Associates Architects Gensler Golder HKS **KPFF** Consulting Engineers Magnusson Klemencic Associates Moffatt & Nichol NBB.J NV5 Global Inc. Perkins Eastman **SMALLWOOD** Sargent & Lundy Sasaki Simpson Gumpertz & Heger Skidmore Owings & Merrill T.Y. Lin International Terracon Consultants Inc. Thornton Tomasetti WATG Wood

Region Country Company

G. AUSTRALIA/OCEANIA

AUSTRALIA Aegion Corp. Arcadis North America Bechtel Black & Veatch CDM Smith CHA Consulting Inc. CRB **CallisonRTKL** Coffman Engineers Inc. Corgan Day & Zimmermann Dewberry Fluor Gensler Geosyntec Consultants Golder HDR HKS Integral Group Jacobs **KPFF** Consulting Engineers Kleinfelder LANGAN Landrum & Brown Inc. **MBH** Architects Magnusson Klemencic Associates Moffatt & Nichol Mott MacDonald Perkins Eastman Pond Populous RSP Rebel Design+Group Ross & Baruzzini Inc. SSOE Group Sanborn Head & Associates Inc. Simpson Gumpertz & Heger Skidmore Owings & Merrill Tetra Tech Inc. Thornton Tomasetti

Thornton Tomasetti WSP USA Wood Worley ZGF Architects LLP

AUSTRALIA

Aegion Corp. Black & Veatch Gensler Geosyntec Consultants Golder HDR

Region Country Company

HGA

Jacobs **KPFF** Consulting Engineers Kleinfelder Magnusson Klemencic Associates Merrick & Co. Mott MacDonald Mueser Rutledge Consulting Engineers PLLC NV5 Global Inc. **Populous** Rebel Design+Group Simpson Gumpertz & Heger Terracon Consultants Inc. Tetra Tech Inc. The Miller Hull Partnership LLP Thornton Tomasetti Walker Consultants Walter P Moore ZGF Architects LLP

PACIFIC ISLANDS

CRB Collins Engineers Inc. **Cushing Terrell** Day & Zimmermann ECS Geosyntec Consultants Kleinfelder LEO A DALY Landrum & Brown Inc. Merrick & Co. Moffatt & Nichol Otak Inc. Parsons S&B Engineers and Constructors Ltd. Thornton Tomasetti WATG Wiss Janney Elstner Associates

PAPUA NEW GUINEA

Day & Zimmermann Golder KPFF Consulting Engineers Magnusson Klemencic Associates Moffatt & Nichol Otak Inc. Simpson Gumpertz & Heger Thornton Tomasetti Wood

H. NORTH AFRICA

ALGERIA

LANGAN Perkins Eastman Perkins&Will **Region Country Company**

Sargent & Lundy Thornton Tomasetti

EGYPT

Bechtel Black & Veatch CDM Smith **CallisonRTKL** Day & Zimmermann EYP Architecture & Engineering Fluor Gensler Golder HKS HOK Hargrove Engineers + Constructors LANGAN Moffatt & Nichol NV5 Global Inc. Parsons Perkins Eastman Perkins&Will Sargent & Lundy Sasaki Skidmore Owings & Merrill T.Y. Lin International Thornton Tomasetti WATG Walker Consultants Wood

ETHIOPIA

Arcadis North America CDM Smith Golder Landrum & Brown Inc. Rebel Design+Group SMALLWOOD Sargent & Lundy WATG

LIBYA

Perkins Eastman

MOROCCO

Arcadis North America Barr Engineering Co. Black & Veatch CallisonRTKL Day & Zimmermann FXCollaborative Fluor Golder HOK KPFF Consulting Engineers LANGAN

Magnusson Klemencic Associates Moffatt & Nichol NV5 Global Inc. Perkins Eastman Rebel Design+Group SMALLWOOD T.Y. Lin International The Miller Hull Partnership LLP Thornton Tomasetti WATG Wiss Janney Elstner Associates Worley

NIGER

CHA Consulting Inc. CallisonRTKL Cardno Inc. Day & Zimmermann Day & Zimmermann ECS EN Engineering LLC Gensler Golder HOK KPFF Consulting Engineers **KPFF** Consulting Engineers Magnusson Klemencic Associates Moffatt & Nichol Page Page Perkins Eastman Perkins&Will **SMALLWOOD** Sargent & Lundy Skidmore Owings & Merrill The Miller Hull Partnership LLP Thornton Tomasetti Thornton Tomasetti Walker Consultants Wiss Janney Elstner Associates Worley

SUB-SAHARA

CRB Clark Nexsen Fluor Golder LEO A DALY Terracon Consultants Inc. Waldemar S. Nelson and Co. Inc.

SUDAN

Day & Zimmermann Magnusson Klemencic Associates The Miller Hull Partnership LLP **Region Country Company**

TUNISIA

Gensler Golder KPFF Consulting Engineers Sargent & Lundy

I. CENTRAL AND SOUTHERN AFRICA

ANGOLA

Bechtel CallisonRTKL Sargent & Lundy T.Y. Lin International WATG Wiss Janney Elstner Associates Wood

BENIN

WATG

BOTSWANA

Black & Veatch EYP Architecture & Engineering Fluor Golder TRC Cos. Wood

BURKINA FASO

Golder Page Thornton Tomasetti

CAMEROON

Black & Veatch KPFF Consulting Engineers Sargent & Lundy

CONGO REPUBLIC

Geosyntec Consultants Golder Thornton Tomasetti

D.R. CONGO (ZAIRE) Golder

LANGAN

GABON

Bechtel Day & Zimmermann Golder

GHANA

Gensler

Region Country Company

Golder Moffatt & Nichol Sargent & Lundy Wood

GUINEA

Bechtel Black & Veatch Fluor Golder KPFF Consulting Engineers Moffatt & Nichol Sargent & Lundy Waldemar S. Nelson and Co. Inc.

IVORY COAST

EXP FFKR Architects Golder

KENYA

Black & Veatch CHA Consulting Inc. Golder KPFF Consulting Engineers Merrick & Co. NV5 Global Inc. Rebel Design+Group Sargent & Lundy T.Y. Lin International TRC Cos. Vanderweil Engineers

LESOTHO

LANGAN

LIBERIA

Cardno Inc. Day & Zimmermann Golder Mazzetti Robert A.M. Stern Architects

MALAWI

Day & Zimmermann Magnusson Klemencic Associates The Miller Hull Partnership LLP

MOZAMBIQUE

Black & Veatch Fluor Geosyntec Consultants Golder HDR KPFF Consulting Engineers Moffatt & Nichol **Region Country Company**

Thornton Tomasetti Wiss Janney Elstner Associates

RWANDA

Black & Veatch Cushing Terrell EXP Ghafari Associates LLC Perkins & Will

SENEGAL

Black & Veatch Golder Perkins Eastman Sargent & Lundy

SIERRA LEONE

Golder KPFF Consulting Engineers Wiss Janney Elstner Associates

SOUTH AFRICA

Aegion Corp. Arcadis North America Black & Veatch **CallisonRTKL** FFKR Architects Fluor Gensler Geosyntec Consultants Golder HOK Jacobs **KPFF** Consulting Engineers **MBH** Architects Page Perkins&Will STUDIOS architecture Sargent & Lundy TRC Cos. WATG Wiss Janney Elstner Associates Wood

SWAZILAND

Page

TANZANIA

Cardno Inc. Perkins Eastman Ross & Baruzzini Inc. Sargent & Lundy Syska Hennessy Group T.Y. Lin International

UGANDA

EYP Architecture & Engineering

Region Country Company

KPFF Consulting Engineers Perkins Eastman Wiss Janney Elstner Associates

ZAMBIA

Black & Veatch Fluor Golder

ZIMBABWE

Cushing Terrell Fluor Golder KPFF Consulting Engineers Page

J. ANTARCTIC/ARCTIC

ANTARCTIC/ARCTIC

Golder HDR Leidos Martin/Martin Inc. Merrick & Co. NORR R&M Consultants Inc.

Rank Company Subsidiary

3 Fluor Corp.

Fluor Constructors International Inc. Fluor Enterprises Inc.

5 Worley

Advisian Intecsea Worley Field Services Worley International

6 HDR

HDR Architecture Associates, Inc. HDR Architecture, Inc. HDR China Co. Ltd. HDR Construction Control Corp. HDR Consulting Limited HDR Corp. HDR Corp. Pty. Ltd. HDR Engineering Inc. HDR Environmental, Operations and Construction

HDR GmbH HDR Middle East LLC HDR Security Operations Inc.

9 Burns & McDonnell

AZCO Ref-Chem

10 Stantec Inc.

Stantec Architecture Inc Stantec Consulting Michigan Inc Stantec Consulting Services Inc Stantec Energy and Resources Stantec Planning and Landscape Architecture PC

11 Parsons

Parsons Environment & Infrastructure Parsons Government Services Parsons Transportation

13 Black & Veatch

Black & Veatch Contracting Black & Veatch Management Consulting Black & Veatch Oil & Gas Black & Veatch Power Black & Veatch Special Projects Black & Veatch Telecom Black & Veatch Water

17 SNC-Lavalin

Atkins Energy Federal EPC, Inc. Atkins Energy Global Solutions LLC Atkins HOE Rank Company Subsidiary

Atkins Nuclear Secured, LLC Data Transfer Solutions FAITHFUL + GOULD, INC. Isotek Systems, LLC KENTZ USA INC. SNC-LAVALIN CONSTRUCTORS INC. SNC-LAVALIN ENGINEERS & CONSTRUCTORS INC. - USD SNC-LAVALIN MAJOR PROJECTS (ONTARIO) INC. SNC-LAVALIN PROJECT SERVICES INC. The Atkins North America Holdings Corporation US Energy JVs VALERUS FIELD SOLUTIONS HOLDINGS, LLC

18 Kiewit Corp.

Cherne Contracting Corporation Construction Kiewit Cie Ganotec Inc. Kiewit Building Group Inc. Kiewit Canada Group Inc. Kiewit Energy Group Inc. Kiewit Engineering Group Inc. Kiewit Foundations Co. Kiewit Infrastructure Co. Kiewit Infrastructure South Co. Kiewit Infrastructure West Co. Kiewit Offshore Services Ltd. Kiewit Power Constructors Co. Kiewit Water Facilities South Co. Mass. Electric Construction Co. Peter Kiewit Sons ULC T.E. Ibberson Company TIC - The Industrial Company

20 Golder

ELU Golder HB Golder Associados Mozambique Limitada Golder Associate Colombia S.A.S. Golder Associates (Asia) Pte. Ltd. Golder Associates (Ghana) Ltd. Golder Associates (HK) Limited Golder Associates (Magyarország) Zrt. Golder Associates (NZ) Ltd. Golder Associates (UK) Limited Golder Associates A/S Golder Associates AS (Norway) Golder Associates Africa (Pty.) Ltd. Golder Associates Brasil Consultoria E Projetos Ltda. Golder Associates Consulting India Private Limited Golder Associates Corporation Golder Associates DRC SARL

Rank Company Subsidiary

Golder Associates Engineering Consultancy **Project Import Export Trading** Ltd. Golder Associates Engineering Consulting Ltd. Golder Associates Global Ibérica S.L.U. Golder Associates GmbH Golder Associates Guinea SARLU Golder Associates Inc. Golder Associates International Corp. Golder Associates Ireland Limited Golder Associates Ltd. Golder Associates Mexico S.A. de C.V. Golder Associates Michigan Inc. Golder Associates NC, Inc. Golder Associates OY Golder Associates Peru S.A. Golder Associates Pty. Ltd. Golder Associates S.A. Golder Associates S.A.R.L. Golder Associates s.r.l. Golder Construction (NZ) Limited Golder Construction Inc. PT Geotechnical and Environmental Services Indonesia

21 Intertek-PSI

Intertek MT Group Professional Service Industries, Inc.

23 Bechtel

BNT International Company Bechtel Construction Operation, Inc. Bechtel Corporation Bechtel Global Energy Inc. Bechtel Global Infrastructure & Minerals Inc. Bechtel India Private Ltd. Bechtel Nuclear, Security & Environmental, Inc.

24 Terracon Consultants Inc.

Argus Pacific, Inc. Building Exterior Solutions, Inc. Burleson Consulting, Inc. CHJ Consultants, Inc. Dunkelberger Engineering & Testing, Inc. Earth Exploration, Inc. Environmental Planning Group, Inc. Environmental Services, Inc. GeoCapitol Engineering, LLC GeoConcepts Engineering, Inc. Geotechnical & Environmental Consultants, Inc. Mayes Testing Engineers, Inc. NORCAL Geophysical Consultants, Inc. Neil O. Anderson & Associates, Inc. RGA Environmental, Inc. Skelly & Loy, Inc.

Rank Company Subsidiary

St. John-Mittelhauser & Associates, Inc. Stafford Consulting Engineers, Inc. TAM Consultants, Inc. Terracon Consultants - MI, Inc. Terracon Consultants - NY, Inc.

25 CDM Smith

CDM Constructors Construction CDM Federal Programs Engineering Consulting The Louis Perry Group Engineering Consulting

27 NV5 Global Inc.

Aero-Metric Holdings Corp Alta Environmental, L.P. **Bock & Clark Acquisition Corporation** Bock & Clark Corporation Bock & Clark Environmental, LLC CHI Engineering Services, Inc. Celtic Energy, Inc. CivilSource, Inc. Dade Moeller and Associates, Inc. Energenz Consulting Limited, LLC Energenz Consulting Limited, LTD GeoDesign, Inc. Geospatial Holdings, Inc. Hanna Engineering, Inc. Holdrege & Kull Consulting Engineers and **Geologists** J.B.A. Consulting Engineers, Inc. JBA Consulting Engineers (Asia) Limited JBA Consulting Engineers (Asia) Limited Marron and Associates, Inc. NV5 Consultants, Inc. (Mass. Corporation) NV5 Engineers and Consultants, Inc. NV5 Holdings, Inc. (Delaware Corporation) NV5 LTD (HK) NV5 Northeast, Inc. (Delaware Corporation) NV5 West, Inc. (Delaware Corporation) NV5, Inc. NV5, Inc. (California Corporation) NV5, Inc. (Delaware Corporation) NV5, Inc. (New Jersey Corporation) NV5, LLC (No. Carolina Corporation) Quantum Spatial Canada Quantum Spatial Holdings, Inc. Quantum Spatial Holdings, Inc. Richard D. Kimbell Co. Inc. Sebesta, Inc. The Sextant Group, Inc. WHPacific, Inc.

28 GHD Inc.

GHD Consultants Ltee GHD Consulting Services Inc GHD Engineering Group Inc, GHD Limited

Rank Company Subsidiary

Rank Company Subsidiary

GHD Services Inc

29 Mott MacDonald

Mott MacDonald Alabama, LLC Mott MacDonald Florida, LLC Mott MacDonald Group, Inc. Mott MacDonald I&E, LLC Mott MacDonald NY Inc. Mott MacDonald Operating Services LLC Mott MacDonald, LLC Mott MacDonald, Ltd.

31 Michael Baker International

Baker LPA Architects, P.C. Baker LPA Group, LLP Baker and Associates General Partnership JMA Architects, LLC Michael Baker Engineering, Inc. Michael Baker International Architects, P.C. Michael Baker International, Inc.

32 Perkins&Will

Nelson\Nygaard Consulting Associates Pierre-Yves Rochon Portland

34 STV Group Inc.

STV Architects STV Construction Inc. STV Energy Services, Inc. STV Incorporated

35 T.Y. Lin International

Bon Vietnam Joint Venture Company Limited C.Y.L Engineering Consulting Inc. GPO Group, S.A. IDEAM, S.A. P.T. Konsultant T.Y. Lin International SMA Bersekutu Sdn. Bhd. Sam Schwartz Consulting, LLC T.Y. Lin International T.Y. Lin International Engineering & Architecture, P.C. T.Y. Lin International Engineering Consulting (China) Co., Ltd. T.Y. Lin International Pte. Ltd T.Y. Lin International Sdn. Bhd. T.Y. Lin International Taiwan Consulting Engineers, Inc. T.Y. Lin International Vietnam Co., Ltd. The Municipal Infrastructure Group Ltd. (TMIG)

36 Sargent & Lundy

Sargent & Lundy Engineering Services, Inc. Sargent & Lundy Engineers, Ltd. Sargent & Lundy, L.L.C.

37 Dewberry

Dewberry Architects Inc. Dewberry Design-Builders Inc. Dewberry Engineers Inc.

38 Brown and Caldwell

Brown and Caldwell Constructors Brown and Caldwell Consultants Canada

40 Arup

Arup Advisory Inc. Arup Canada Inc Arup Latin America, SA Arup North America Ltd Arup Services New York Ltd Arup Texas, Inc. Arup USA, Inc Ove Arup & Partners PC

42 Geosyntec Consultants

Enviro Group Limited, Inc. Geosyntec Consultants International, Inc. Geosyntec Consultants Pty. Ltd. Geosyntec Consultants, Ltd. MEC Water Resources, Inc.

44 S&B Engineers and Constructors Ltd.

Ford, Bacon & Davis, LLC S&B Engineers and Constructors, Ltd. S&B Fabrication Services, Ltd. S&B Group International, Ltd. S&B Infrastructure Construction, Ltd. S&B Infrastructure Engineering, Ltd. S&B Infrastructure Private, Ltd. S&B Northeast Operations, Ltd. S&B Pipeline Division, Ltd. S&B Plant Services, Ltd.

46 Kleinfelder

CMWorks, Inc. Gas Transmission Systems, Inc. Industrial Fluid Management, Inc. Kleinfelder Australia Pty Kleinfelder Canada, Inc. Kleinfelder Construction Services Kleinfelder Northeast, Inc. Kleinfelder Southeast, Inc. Kleinfelder, Inc. Poggemeyer Design Group, Inc. The Kleinfelder Group, Inc.

Rank Company Subsidiary

47 RS&H Inc.

RS&H Architects-Engineers-Planners, Inc. RS&H Commercial Realty, Inc. RS&H Michigan, Inc.

48 KCI Technologies Inc.

KCI Communications Infrastructure KCI Environmental Technologies and Construction

49 Skidmore Owings & Merrill

SOM (Europe) LLP SOM Architectural Consulting (Shanghai) Co. Ltd. SOM India Private Limited SOM, Inc.

51 Johnson Mirmiran & Thompson Inc. JMT of New York, Inc.

52 LANGAN

Langan CT, Inc Langan Engineering and Environmental Services, Inc Langan Engineering, Environmental, Surveying and Landscape Architecture, DPC, SA Langan International UK, LTD

Langan International, LLC Langan MI, Inc

53 CHA Consulting Inc.

American Fire CHA Integrated Solutions Reiss Engineering (acquired February 2021)

55 Hargrove Engineers + Constructors

Hargrove Controls + Automation, LLC Hargrove Life Sciences, LLC Tormod, LLC

57 LJA Engineering

Berg Oliver DCBA Horizon Environmental LJA Infrastructure LJA Rail Precision Aerial

59 Woolpert Inc.

CivilTech Engineering Data Cloud Solutions Jviation Rank Company Subsidiary

Southern Mapping Company Woolpert Canada

65 CannonDesign Blue Cottage of CannonDesign Facility Optimization Solutions ModularDesign+

67 Perkins Eastman

BFJ Planning RGR Landscape Russell Design Group Urbanomics

68 ECS

ECS Capitol Services, PLLC ECS Corporate Services, LLC ECS Florida, LLC ECS Mid-Atlantic, LLC ECS Midwest, LLC ECS Southeast, LLP ECS Southwest, LLP

69 CONSOR Engineers

Apex Design, LLC Consor Engineering & Land Surveying - NY, P.C. Consor Engineers, LLC Murraysmith, Inc.

70 EN Engineering LLC

CNA LLC Energy Initiatives Group Kestrel Power Engineering LLC Kestrel Power Engineering LTD Pondhop Automation & Controls QC Data LLC Russell Corrosion Consultants Texas Utility Engineering

73 SCS Engineers

SCS Energy SCS Engineers SCS Field Services

74 ENERCON

Enercon Federal Services

82 Stanley Consultants SCEPSC

SCIPL

Rank Company Subsidiary

85 Universal Engineering Sciences

Contour Engineering, LLC GFA International, Inc. IQC Southwest NOVA Geotechnical & Inspection Services Universal Engineering Sciences, Inc. Wallace-Kuhl & Associates

87 Zachry Group

JV Industrial Zachry Engineering Zachry Industrial Zachry Nuclear

90 David Evans Enterprises Inc.

CivilTech Engineering David Evans and Associates, Inc. Disaster and Emergency Services International LLC Flux Resources, LLC

91 Pennoni

IIS

93 Leo A Daly Lockwood, Andrews & Newnam, Inc.

95 Aegion Corp.

Aegion Coating Services Brinderson LLC Corrpro Companies, Inc. Fibrwrap Construction Services Insituform Technologies Schultz Industrial Services Underground Solutions United Pipeline Systems

99 Moffatt & Nichol

Moffatt & Nichol Information Systems Moffatt & Nichol, Brazil Moffatt & Nichol, Chile Moffatt & Nichol, Colombia Moffatt & Nichol, London Moffatt & Nichol, Panama

101 CRB

CRB Builders, LLC CRB Canada, Inc CRB Germany GmbH CRB Group, Inc Clark, Richardson and Biskup Consulting Engineers Rank Company Subsidiary

103 Foth Cos.

Foth Canada Corp. Foth Infrastructure & Environment LLC Foth Mexico Corp., S. DE R.I.DE C.V. Foth Production Solutions LLC

104 Atwell LLC

RVi Planning and Landscape Architecture Strategic Construction Solutions, Inc.

113 Merrick & Co.

Merrick Canada, ULC

118 Salas O'Brien

Dunlap & Partners Global Engineering Solutions KDW Salas O'Brien KPW Structural Engineering MEP Associates, LLC **OMB** Electrical Engineers **RMS** Engineers Salas O'Brien Engineers, Inc. Salas O'Brien Florida Salas O'Brien South, LLC Salas O'Brien, LLC Stanford White Stephenson Engineering **T-Squared Professional Engineers** Technical Roofing Services Varo Engineers WMA Consulting Engineers

123 IPS-Integrated Project Services LLC.

IPS BioEngineering Technology (Shanghai) Co., Ltd IPS BioPharmaceutical Technology Consulting (Tianjin) LLC IPS International Private Ltd. IPS-Integrated Project Services (Germany) GmbH IPS-Integrated Project Services (Ireland) Limited IPS-Integrated Project Services GmbH IPS-Integrated Project Services Limited IPS-Integrated Project Services Pte. Ltd. IPS-Integrated Project Services, ULC IPS-Mehtalia Pvt. Ltd. IPS-Serviços de Projetos Integrados Ltda. The Cardinal Group USA, LLC

126 GZA

Goldberg-Zoino Associates of New York, P.C. d/b/a GZA GeoEnvironmental of New York

Rank Company Subsidiary

127 SSOE Group

SSOE China Co. Ltd. SSOE Consultancy India Private Ltd SSOE Group Mexico S de RL de DV SSOE Inc. SSOE Systems, Inc. Stevens and Wilkinson

130 Haley & Aldrich Inc.

H&A OF NEW YORK LLP HALEY & ALDRICH CONSTRUCTION SERVICES HALEY & ALDRICH OF MICHIGAN, INC HART CROWSER, A DIVISION OF HALEY & ALDRICH

134 Morrison Hershfield

Morrison Hershfield Corporation Morrison Hershfield Geomatics Morrison Hershfield International Inc. Morrison Hershfield Limited Morrison Hershfield Managers Inc.

137 DLZ Corp.

DLZ American Drilling, Inc. DLZ Illinois, Inc. DLZ Indiana, LLC DLZ Industrial Surveying, Inc. DLZ Industrial, LLC DLZ Kentucky, Inc DLZ Michigan, Inc. DLZ National, Inc. DLZ Ohio, Inc. DLZ Pennsylvania, Inc. DLZ Wisconsin, LLC

140 Henderson Engineers Inc.

Henderson Building Solutions

141 NORR

CION COULTER Corporation NORR Architects & Engineers Limited NORR Architects, Engineers, Planners NORR Associates Inc. NORR Consultants Limited NORR Design Inc. NORR Inc. NORR LLC NORR Limited

142 Weston & Sampson

W&S of North Carolina, Ince Weston & Sampson Architects, Inc. Weston & Sampson CMR, Inc. Rank Company Subsidiary

Weston & Sampson Engineers, Inc. Weston & Sampson Engineers, PC Weston & Sampson Land Surveyors, Inc. Weston & Sampson PE, LS, LA, PC Weston & Sampson PE, LS, LA, PC DBA Weston & Sampson Services, Inc.

145 GAI Consultants Inc.

Bellomo-Herbert & Company, Inc. GAI Consultants - NC, Inc. GAI Consultants of Michigan, PLC GAI Engineering & Surveying Consultants of New York, PC Lotspeich / Associates, Inc. Real Estate Research Consultants, Inc Systems Planning Corporation

148 Syska Hennessy Group

Syska Hennessy Group China, Inc Syska Hennessy Group, Inc

159 Raba Kistner Inc.

Project Control of Texas, Inc. Raba Ingenieros Raba Kistner, Inc.

163 LaBella Associates D.P.C.

Aztech Technologies, Inc. LaBella Engineering, SLU LaBella Environmental, LLC

165 Flad Architects

Flad Architects

166 The Burke Group Ltd.

Camplin Environmental Services Christopher B. Burke Engineering LLC Christopher B. Burke Engineering, Ltd. Emerald Site Services, Ltd. GE Consulting KLOA LAWR Mackie Consultants, LLC SPACECO, Inc. Thomson Surveying, Ltd.

168 Electrical Consultants Inc.

EPC Services Company

169 Haskell

Benham, a Haskell Company Catalyst, a Division of Haskell FreemanWhite, a Haskell Company Seiberling, a Haskell Company

Rank Company Subsidiary

The Haskell de Mexico

171 Barge Design Solutions

Gould Turner Group ResourceTek

190 Ardurra Group

Ardurra Group New York Ardurra Group North Carolina PCA Australia

191 Huckabee

Huckabee

194 BRPH Architects Engineers Inc.

BRPH Architects Engineers, Inc. BRPH Construction Services, Inc.

195 Clark Nexsen

Clark Nexsen Construction Services

198 Greeley and Hansen

Greeley and Hanse Colombia S.A.S. Greeley and Hansen Architects LLC Greeley and Hansen Ecuador CIA LTDA Greeley and Hansen Michigan LLC

200 Wade Trim

Wade Trim Associates, Inc. Wade Trim NY, PC Wade Trim, Inc. (Florida) Wade Trim, Inc. (Michigan) Wade Trim, Inc. (Ohio)

203 Schnabel Engineering

Deere and Ault Consultants, Inc. Schnabel Engineering West, Inc. Schnabel Engineering, LLC Schnabel Real Estate Holdings

205 Humphreys & Partners Architects

Atticus Real Estate Figoten, S.A. Glass Recycled Surfaces HP Civil Engineering HP Landscape HPA Design Group HPA Vietnam Co. Limited

206 Neel-Schaffer Inc.

SoilTech Consultants, Inc. True North Emergency Management

Rank Company Subsidiary

208 H2M architects + engineers

H2M Architects & Engineers H2M Associates H2M architects + engineers

211 CP&Y Inc.

Meeting the Challenge, Inc. The Wallace Group, Inc.

215 Congruex

CHC Consulting, LLC Gudenkauf LLC HHS Construction, LLC Southeast Utilities of Georgia LLC Terra Technologies LLC True North Management Services, LLC WhiteCO LLC

221 A. Morton Thomas and Associates Inc. *AMT, LLC*

223 BCC Engineering Inc.

Lakes Engineering, Inc New Millennium Engineering, Inc

226 Dennis Group

Dennis Brasil Engenharia Ltda Dennis Group Canada, Inc. Dennis Group International, Unipessoal Lda Tech4Food Engineering & Innovation Lda The Dennis Engineering Group, LLC The Dennis Group, Inc.

236 PRIME AE Group Inc.

Braun & Steidl Architects, Inc. GCAG/SCG JV, LLC Gulf Coast Architectural Group, Inc. KB Engineering, PC KB Group of NY, Inc. PRIME AE Group/Gannett Fleming JV PRIME Construction Management & Survey, Inc.

237 The S/L/A/M Collaborative

Construction Services of Somerset, Inc. S/L/A/M Architects, Landscape Architects & Engineers, P.C.

239 Exyte US Inc.

Exyte US Inc.

241 J-U-B ENGINEERS Inc.

Gateway Mapping, Inc. The Langdon Group

Rank Company Subsidiary

243 Wold Architects Inc. Wold Architects Inc.

247 T&M Associates East Coast Drilling, Inc.

248 Burrow Global LLC

Burrow Global Consruction Burrow Global Services Burrow Global Services Burrow Global Services Burrow Global Services Burrow Global Services

255 Twining Inc. *Twining Consulting, Inc.*

Twining, Inc.

- **256 Hull & Associates LLC** Duffield Associates HSW
- 257 Anvil Corp. Doyon Anvil, LLC

263 V3 Cos.

V3 Companies of Canada, Ltd. V3 Companies, Ltd.

264 RETTEW Associates Inc. RETTEW Associates Inc.

267 Otak Inc.

DAY CPM Services, LLC K2 Consultancy Group

268 Ross & Baruzzini Inc.

CAGE, Inc COMGRoup EDI, Ltd Genesis Planning Mitchell Planning

269 Geo-Logic Associates Inc.

Clear Creek Associates Clear Creek Associates Daniel B. Stephens & Associates, Inc. Geo-Logic Associates, Inc. Geo-Logic Peru Kunkel Engineering Group RMC Rank Company Subsidiary

- 276 TKDA Cedar Street Architecture
- **279 EnSafe Inc.** *GR2*
- 280 ESP Associates Inc. Vickrey & Associates, LLC
- 282 Kisinger Campo & Associates Corp KCCS, Inc.
- 283 RCM Technologies Inc. PSR Engineering Solutions d.o.o. Beograd RCM Technologies (USA), Inc. RCM Technologies Canada Corp.

284 ME Engineers

M-E Engineers Limited ME/Vogle Taylor Engineers

289 Bartlett & West Inc.

BW Field Services, LLC BW/Corman Technologies, LLC Civil Associates, Inc SCS, LLC West Dakota Water, LLC

296 Baxter & Woodman Inc.

B&W Natural Resources, LLC Baxter & Woodman Costa Rica Baxter & Woodman/Boller Design Build, LLC Concentric Integration, LLC

300 MSA Professional Services

MSA Professional Services - Champaign, LLC

306 ISG

ISG Field Services, LLC ISGrowth Machine, Inc.

307 Day & Zimmermann

D&Z of Canada Corporation Day & Zimmermann International, Inc. Day & Zimmermann Management Services, Inc. Day & Zimmermann NPS, Inc. The Atlantic Group, Inc.

313 Hart Howerton

Hart Howerton, Ltd Hart Howerton Partners, Ltd

Rank Company Subsidiary

322 Binkley & Barfield Inc. Baseline Corporation

Landev Engineers, Inc. Shine & Associates

325 Advantage Engineers Advantage Engineers Synergy Development Service

326 LHB Inc.

LHB, LLC

327 ms consultants inc.

ms consultants inc.

331 ARM Group Enterprises Inc.

AEC ARM EnerTech Associates, LLC ARM Group LLC CAMCO Geo-Science Engineering & Testing, LLC

334 McLaren Engineering Group

M. G. McLaren Engineering and Land Surveying, PC McLaren Technical Services, Inc.

337 T2 Utility Engineers

T2 Engineering Services, PC T2 UES (MI), Inc.

348 Manhard Consulting, Ltd

Manhard Dallas LLC Manhard.TX LLC

352 The Rudolph Libbe Cos. Inc.

GEM Energy LLC GEM Facility Management GEM Inc. Lehman Daman Ruddolph Libbe Inc. Rudolph Libbe Properties Inc

363 RDG Planning & Design *KBJ Architects LLC*

367 Steinberg Hart

RJC Architects DBA Steinberg Hart San Diego Steinberg Hart New York

Rank Company Subsidiary

374 Landrum & Brown Inc.

KBJ Architects, LLC KBJ-L&B Architects, LLC L&B Architecture, LLC L&B China, LLC L&B Colombia S.A.S. L&B Transportation Technology Consultancy (Shanghai) Co., Ltd. L&B Worldwide Australia PTY LTD Landrum & Brown UK Limited Landrum & Brown Worldwide Services, LLC Trillion Av, LLC

375 HEAPY

HEAPY Solutions Heapy Engineering Indiana LLC

377 GBA (George Butler Associates)

Alynix Compli GBA Builders GBA Systems Integrators Infrastructure Solutions ViroCon

383 CTL Engineering Inc.

Industrial Communication and Sound Vector Engineers, Inc.

390 The LiRo Group

James LaSala and Associates, P.C. LiRo Architects + Planners, P.C. LiRo Engineers, Inc. LiRo GIS, Inc. LiRo Program and Construction Management, PE P.C. Monitor Builders, Inc.

400 VJS Construction Services VJS Lincoln, Inc.

410 Leighton Group Inc.

Leighton Associates, Inc. Leighton Consulting, Inc.

412 The Osborn Engineering Co. OSPORTS

419 The Yates Cos. Inc.

American Industrial Construction, LLC Blaine Construction Corporation Edwards Electric Service, LLC JESCO, Inc.

Rank Company Subsidiary

Merit Electrical, Inc. Superior Asphalt, Inc. W.G. Yates & Sons Construction Company Yates Constructors, LLC Yates Engineers, LLC Yates Services, LLC

420 Wendel

Wendel Architectural Resources, Inc. Wendel Construction, Inc. Wendel Consulting Services, LLC Wendel Energy Services, LLC Wendel Engineering Resources, Inc. Wendel Engineering, PC Wendel WD Architecture, Engineering, Surveying & Landscape Architecture, PC

421 CTL|Thompson Inc.

CTL/Thompson Materials Engineers, Inc.

422 AlfaTech Consulting Engineers Inc. *ATPD, Inc.*

426 GRW Engineers Inc.

Chapman Technical Group GRW Aerial Surveys

440 E.L. Robinson Engineering Co.

EL Robinson Engineering Of Ohio Co.

442 The Vertex Cos. Inc.

Compliance Environmental International Optistar VTX Consulting Services Vertex Ingenieros Consultores Xpera Group

453 Jones Edmunds & Associates Inc. JEACES

454 McMahon Associates Inc.

IPR McMahon, Inc. RW Management

456 GGLO

GGLO

479 ThermalTech Engineering Inc.

ThermalTech Turnkey Solutions, LLC

Rank Company Subsidiary

- **483 WDG Architecture** *WDG Architecture Dallas, PLLC*
- **491 Buchart Horn Inc.** Buchart Horn Architects Buchart Horn, GmbH
- **495** Carrier Johnson + CULTURE Carrier Johnson + CULTURE