

ENR THE TOP 600

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REACHING NEW HEIGHTS

A Tilson Technology Management Inc. electrician climbs a cell tower in Salt Lake City in preparation to install an upgrade.

PHOTO COURTESY OF TILSON TECHNOLOGY MANAGEMENT INC.



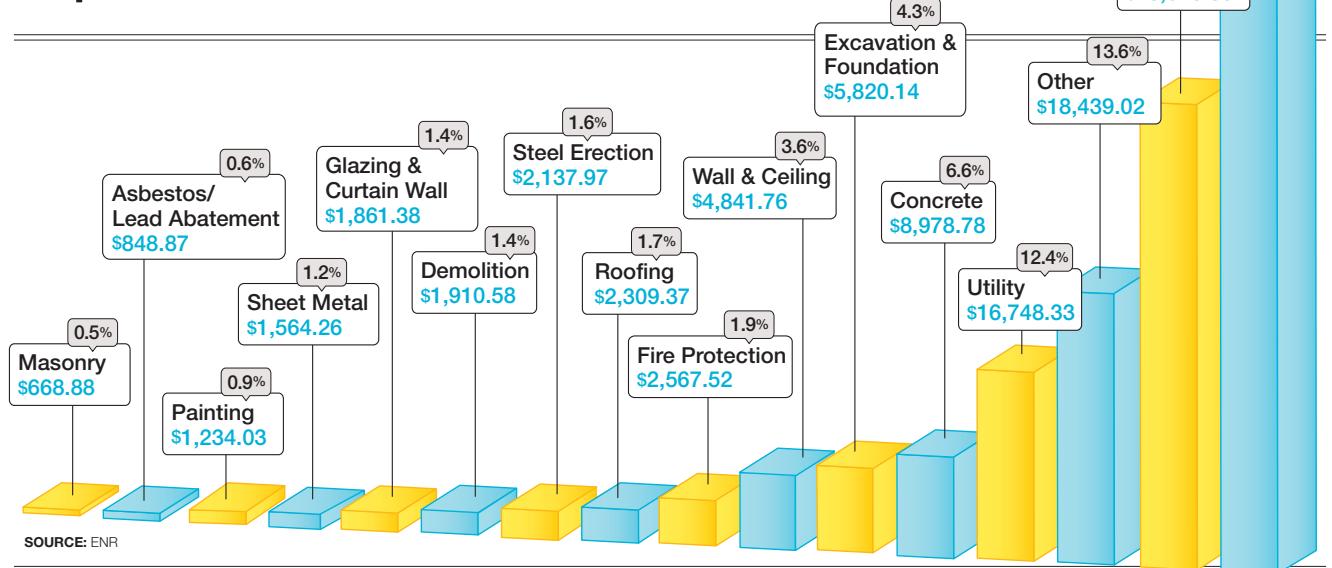
NUMBER 334

How Long Will the Boom Last?

The market continues to grow, but many specialty trade contractors are beginning to look ahead to prepare for an inevitable slowdown. By Gary J. Tulacz



Specialties' Share of Revenue



The Top 600 Specialty Contractors' Profitability

SOURCE: ENR

13

538

Loss in profits
Gain in profits
(Measured in firms reporting)

The Top 600 Specialty Contractors' New Contracts

2018
2019
(Measured in \$ millions)

The market for large specialty contractors has been growing for nearly a decade and most see the current market continuing to be robust. However, there is a general feeling that a downturn may be in the offing and many large firms are watching for, and sometimes finding, cracks in the boom.

The strength of the current market can be seen in the results of this year's ENR Top 600 Specialty Contractors list. As a group, the Top 600 generated revenue of \$135.20 billion in 2018, up 9.0% over \$124.04 billion in 2017 and a 20.1% hike from \$112.72 billion the year before. Revenue for the Top 600 now has risen 103.9%—more than doubling—since the market recovery began in 2011.

The question now becomes whether the market will continue to grow into 2020 and beyond. "The market has been pretty remarkable," says Charles A. Bacon III, CEO of Limbach Facility Services. He says that architects remain busy and there is a steady flow of work in the pipeline, indicating a continuing strong market. "But the economy may go one way or another next year with the elections coming up. We are all wondering when the party will end."

Many contractors are beginning to worry that the market may have run its course and may start declining. "Today's market is unnerving. While we have all seen widespread growth over the past few years, it's



"Today's market is unnerving. While we have all seen widespread growth over the past few years, it's tough to tell what markets will remain stable moving forward."

Coleman Jones,
Director of
Business
Development,
Pioneer Cladding
& Glazing
Systems

tough to tell what markets will remain stable moving forward," says Coleman Jones, director of business development at Pioneer Cladding & Glazing Systems. He says healthcare and education should remain strong, but he worries that the commercial office and multiunit residential may eventually scale back.

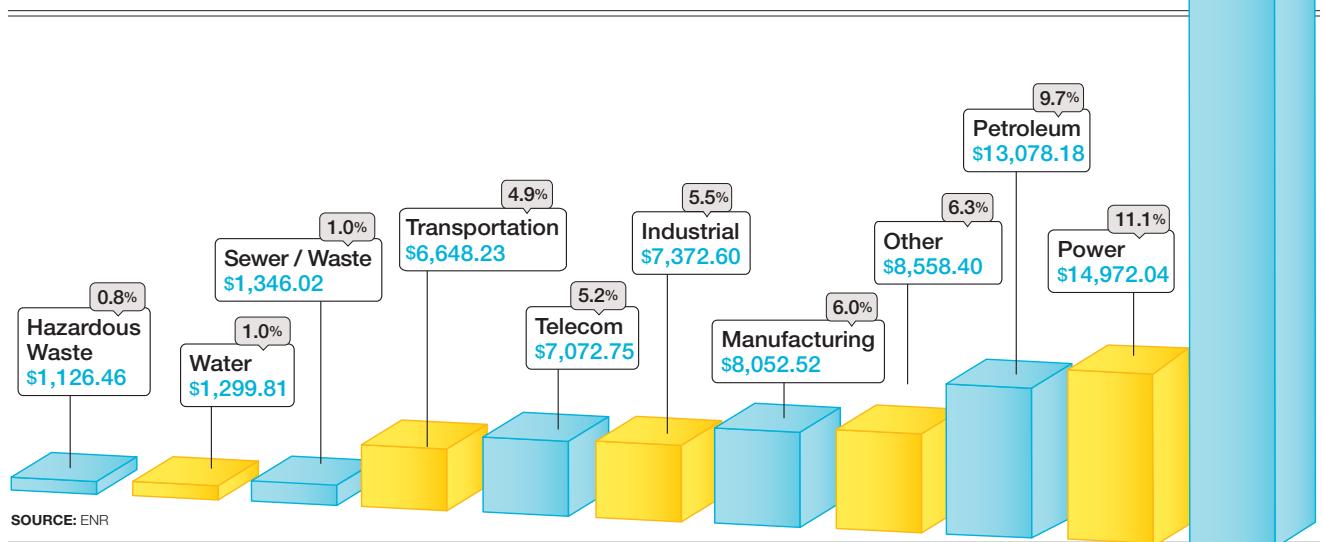
Many executives in the general building market are concerned that the private sector may begin to contract. "We are seeing a pull back on private development, including apartments. To offset that, we have found there are a lot more public projects, schools and water/wastewater projects," says Seth Anderson, CEO of Weifeld Group Contracting.

Preparing for a Slowdown

Many specialty contractors are beginning to prepare for the eventual slowdown in the market. For example, Limbach is putting more emphasis on its service and maintenance group. "On the contracting side, we are slowing that down a little because of the craft shortage," says Bacon. On the other hand, he projects that the firm's service group will grow at a double-digit rate. "We see incredible growth in the service sector."

Limbach is not the only specialty contractor to see strong growth on the service side. "To help us weather the next construction downturn, we have been focusing on growing and strengthening our service and

Markets' Share of Revenue



Comparing the Past Decade's Specialty Contractor Revenue

Measured in \$ billions Source: ENR



tenant fit-out group, because even in a down construction market, people will always need to service their equipment," says Len Monfredo, Executive Vice President, E.M. Duggan Inc. He notes that in a soft economy, many owners scale back or move their operations, providing additional work for E.M. Duggan.

APi Group Inc. also has been preparing for a possible recession. "APi has been able to diversify our business through a mergers and acquisition strategy. Doing this has allowed for a more recession-proof model," says Russ Baker, CEO. He says APi has also focused on growing its service business. "That work not only expands our business offerings, but also will be there regardless of the economic times."

For some contractors, large-scale projects can serve as a buffer against a declining market. "We're fortunate to be among a select group of contractors who can staff and build larger, multiyear capital projects across the U.S., which is a huge advantage as we head into an uncertain market," says Tom Schott, CEO of Cupertino Electric. He says that having the mix of long- and short-term work helps to provide a solid backlog, no matter what direction the market is heading.

Relationships

Most specialty contractors are working hard to maintain good relations with general-contractor clients.

536

Firms on the list
that sent in a
survey in 2018

70.7%

Firms that
increased
revenue in 2018
from 2017

28.9%

Firms that had
lower revenue
in 2018 than in
2017

However, workforce shortages have begun to put a strain on projects. "Relations with general contractors have been stressful due to the workforce shortage in the industry," says Anderson of Weifeld Group. He says that these shortages have resulted in projects running behind, people getting burned out and fingers being pointed. "I have been meeting with our general contractors to really figure out ways we can build back the trust," he says.

GCS also are paying close attention to subs' ability to execute. "As a group, general contractors are doing a much more intensive risk assessment of subcontractors in the pre-contract award phases of a project," says Tom Donnelly, President of BrightView Landscape Development. He says questions about safety records, bonding capacity, workforce availability and balance sheet strength are intense.

This caution is well founded. Many firms are beginning to see competitors take on more work than they can handle. This can cause cash-flow and worker shortage problems. It is said that more contractors fail in a boom market than in a recession because they don't pay attention to their workload. "We do see some of our competitors getting overextended," says Ted Lynch, CEO of Southland Industries. He says that many overstretched contractors end up looking for mergers and acquisitions as an exit strategy when

Wall and Ceiling

Hollywood Style in Florida



KHS&S Contractors (**No. 69**) is wall and ceiling contractor on the \$1.5-billion expansion of the Seminole Hard Rock Hotel & Casino project in Hollywood, Fla. The guitar-shaped facility will open on Oct. 24.

they get into trouble from too much work.

Price-driven bids are a growing problem. "In the near term, we see our competition competing purely on pricing, rather than focusing on delivering value through structural cost reductions," says Jerrit Coward, CEO of Expanse Electrical Co. He says Expanse is unwilling to get into bidding wars but instead works with clients to bring more cost-effective solutions without sacrificing reliability.

Many firms now are being more selective about the clients they pursue. "This includes clients that have a historical book of business that aligns with our core services, as well as new clients where we may be able to offer our services. For Bond, it's not about how many projects we can do. It's about how many clients we can support," says Tony Bond, President, Bond Bros. Civil & Utility Division.

Concern about owners and general contractors is spreading. "We have all become extremely selective in the work we pursue," says Bacon. When he sees sales by a general contractor beginning to spike, he says, "we take that as a warning sign that they may not be able to manage the volume of work."

Bacon says that a GC's site management team is the key to success on any project. "When you see teams you are used to working with, that is fine. But when you see a pick-up team on site, you have to begin to



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Tom Donnelly,
President,
BrightView
Landscape
Development,
Inc.

worry," he says. "You need a great project superintendent to make a project work."

However, Lynch says that Southland Industries is very selective about the GCs they work for. "We stick with a small group of GCs that we know are reliable and deliver quality."

Owners also are presenting new pressures on GCs and specialty contractors. "Customers' and contractors' focus on safety and environmental aspects has affected the industry as a whole. Over the past couple of years, customers have really been focusing on and enforcing their safety and environmental policies," says Emanuel A. Paris IV, senior project manager at Alex E. Paris Contracting Co.

Paris says that "safety first" used to be just a slogan. "However, over the past several years, I think that the customers have really owned up to this statement and are have begun to walk the talk. Contractors are forced to deal with, on a daily basis, the multitude of different safety and environmental regulations/standards." He notes that the paperwork and supervision requirements increase operating costs for the contractors. But more importantly, "if a contractor does not meet certain safety benchmarks, then they may not be allowed to bid projects for certain customers."

A Seat at the Table

The trend toward alternative project delivery is continuing to accelerate, and most subcontractors are happy to gain earlier input into the design process. "We have been a party to several real-deal integrated project delivery (IPD) contracts and like the process," says Lynch. "IPD finally gives the trade contractor a seat at the table."

Lynch says Southland's in-house engineering group is a valuable addition to such delivery systems as design-build and IPD. But he cautions that GCs and specialty contractors have to be careful to make sure all the partners have experience in a collaborative contracting approach. "Some firms that aren't experienced in IPD contracts can bring the whole process down. It is up to the experienced partners to make sure everyone is on the same page."

The increasing use of design-build is key for getting the team together. "We have seen projects try many different ways of execution—and when we use the design-build approach, it empowers us to make sure we deliver the right product for the right price," says Anderson of Weifeld Group. "I can see these as benefits if the intentions are right. IPD and public-private partnerships (P3s) will have the same problems as any other delivery methods if the trust isn't there or the intention behind the delivery isn't right," he says.

The Top 600 Dialogue

What steps are you taking to recruit and/or retain workers?



**EARL C. "DUKE" AUSTIN JR., CEO
QUANTA SERVICES**
Houston

We have incrementally invested more than \$100 million over the last five years in workforce development and training initiatives—to continue to address the craft-skilled workforce shortage for us and across the industry.



**SETH ANDERSON, CEO
WEIFIELD GROUP CONTRACTORS**
Centennial, Colo.

With the Associated General Contractors of Colorado, we are making a big push to work with school districts in bringing back programs to help people develop their technical skills. There aren't enough people to fill the trades.



**DAN LYKKEN, VICE PRESIDENT
HERMANSON CO.**
Kent, Wash.

Hermanson University provides advancement to employees, including improved communication skills, project management training and technical expertise. Courses allow employees the necessary training to advance their careers.



**WILLIS WIEDEL, PRESIDENT
ENCORE ELECTRIC INC.**
Lakewood, Colo.

Encore Electric supports our employees above and beyond pay and benefits. We provide educational assistance and support throughout their careers, offer family support programs like Face It Together and celebrate our successes.



**CHARLES A. BACON III
LIMBACH FACILITY SERVICES**
Pittsburgh

Limbach is establishing a new program this month, Hearts and Minds, where trainers are being brought in to help project managers and superintendents to identify signs of depression in workers and how to react to them.



Do you see any techniques or technologies that are improving productivity?



**ROB STROBEL, CEO
LITHKO CONTRACTING LLC**
West Chester, Ohio

We are using a bar code technology that not only scans a worker on and off the clock, but also allows us to track productivity with standardized cost codes. This produces real-time big data, which helps us understand pricing and risks.



**JOSHUA BRODER, CEO
TILSON TECHNOLOGY MANAGEMENT**
Portland, Maine

Increasingly affordable cloud tools like Microsoft Azure and 365 are quickly becoming necessities for larger firms to find focus for scarce management resources on their industry-specific information systems.



**REAGAN J. PERRY PE, EXEC. VP
MACDONALD-MILLER FACILITY SOL.**

We have created the MLAB—a virtual reality room that allows people to walk through, measure, move and modify anything about a building, including its architecture, design, landscaping, plumbing or heating.



**MIKE GREENAWALT, SENIOR VP
ROSENDIN ELECTRIC**
San Jose, Calif.

The wider adoption of BIM, including augmented reality/virtual reality and electronic cloud-based communications such as PlanGrid, BIM360 Field, BIM360 Plan, and Trello, are helping to change construction.



**TROY LOWERY, COO
HERMANSON CO.**
Kent, Wash.

The Univ. of Washington performed a VSM analysis of our modular assembly production. Based on their findings, Hermanson invested \$3 million in new equipment for the shop and has reduced waste in the shop by roughly 22%.



Excavation and Foundation

Keller North America Rebrands



Keller North America (**No. 9**), the parent company of many of the largest excavation and geotechnical contractors in the U.S., is rebranding. Starting on Jan. 1, all the geotechnical contractors under the Keller umbrella will be merged into a single entity and operate under the Keller banner.

On July 11, Keller announced that the following geotechnical contractor subsidiaries will be combined into a single entity: Hayward Baker (ranked No. 23 last year); Keller Foundations Canada (No. 225); Case Foundations (No. 249); McKinney Drilling (No. 254); HJ Foundation (No. 289); Bencor Global (No. 396); Case Atlantic; and Moretrench. However, Moretrench Industrial, Suncoast Post Tension (No. 98 last year) and Cyntech will stay as separate companies within the Keller North America organization, as they feature products and services not connected to the geotechnical side of the business.

Until now, each of the eight merged companies had been operating independently as separate companies with their own financials, marketing and responsibilities. This caused confusion among clients. "We have had customers calling us trying to understand which Keller company they should contact for

specific types of work. In some cases, we had two different Keller companies as subcontractors on the same project," says Eric Drooff, chief operating officer for Keller North America. For example, one firm might have been doing soil stabilization and another doing foundation work.

Starting on January 1, all the old names will disappear and Keller North America will be the name they all use. Instead of separate brand names, the company will be divided into seven geographic groups, and an another for specialty products.

"While the names are going away, the people remain the same," says Drooff. "This is a relationship business and we want our customers to know they will still be working with people they know and trust." While there will be some flattening of management, each company's principals will still be there.

Drooff says this rebranding has been under study for the past two years. "We have spent a lot of time rolling this out, consulting with people inside and outside the company throughout the process," Drooff says. He is aware that some people might be distressed about losing their brand names, "but it was much less than we had expected." And as for clients? "Their main reaction was, 'What took you so long?'" ■

While many subcontractors like the idea of early involvement in a project's decision making process, some are wary of recent developments in alternative project delivery. For Limbach, public-private partnerships are not a good option. "It simply costs too much to prepare a bid on a P3 project to make it worthwhile," says Bacon.

IPD is more attractive in theory, but not necessarily in execution. One general contractor working on a large, and so far successful, IPD project conceded that a major problem with one participant could dry up the entire profit pool for all the parties on the project. As for subcontractors, "I have not seen IPD delivery to be financially successful," says Michael Cannon, CEO of KHS&S-East Coast.

Bacon of Limbach is wary of IPDs. "They have become a squeeze play by owners to push risk down the food chain," he says. "We continue to do IPDs, but never with a green team, only with those firms we trust and that have experience with IPDs."

Many subcontractors are seeing the increased use of design-assist and even getting brought in early in the planning stage to assist owners develop their project. "Our in-house design group is seeing many owners asking us to come in early to help them understand the project's scope and pricing structure and help them determine who the reliable GCs are for their type of job," says Bacon.

Finding Staff

Shortages in the trades and in project supervision are a fact of life for specialty contractors. As part of the Top 600 Contractors survey, ENR asked whether each firm had experienced staff shortages. Of the 554 companies that responded to the question, 74.9% said they had seen shortages. This is only a slight decrease from the 78.9% that were experiencing shortages in last year's survey.

A major complaint from many specialty contractors is that no one informs young people of the opportunities available in the trades. "Most of our hires over the last year have been people off the street who know about our company," says Paris of Alex E. Paris Contracting. He blames the school systems. "Our schools focus a lot on getting students to go and get secondary education and do not explain to students that they can have a really good job with good pay, without having a college education."

This leaves to industry organizations and individual firms the duty of spreading the word that construction is a viable and satisfying career choice. One simple and innovative program to get young people interested in the industry is Encore Electric's "Encore

Electric Mobile Escape Room." It is a small trailer, towed from school to school, with a very basic, color-coded circuit board. Students at those schools go through a series of electrical puzzles to "escape" the room. It is a fun game for students but with a serious long-term purpose for the industry: to get young people interested in the trades.

"We are looking to inspire high school and middle school students to consider all of their options when thinking about careers. We help them understand what it's like to be an electrician," says Willis Wiedel, Encore's president. "It's a long-term play, although in the past we have hired some students right out of school into our apprenticeship program. We're looking for the best and brightest of these students."

The staff shortages are not limited to the trades. Many specialty contractors also are experiencing shortages at the supervisory level. Contractors increasingly are developing career path programs to bring in foremen and others in the trades into supervisory positions. "As a company, we have developed internal programs to help get people up to speed faster than the normal path," says Anderson of Weifield Group. So the firm



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Tony Bond,
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Utility Division

developed its WULF group (Weifield Upcoming Leaders Forum), "where we target people to become leaders, including in our prefabrication division. Once we have a group doing things the Weifield Way, we will be able to increase our growth by having more people who can train, teach, and mentor."

Cupertino Electric is another firm working to bring people in the trades into supervisory positions. "The most significant thing we're doing to get our next-level leaders up to speed quickly is continuing to invest in our Foreman Development program that builds leadership skills from within company ranks," says Schott. He says the firm provides defined training and development opportunities for both field and office employees that allow them to grow their skills and lead others "so that we have an available bench of talent."

The industry is beginning to work harder to attract women in the crafts, but has only had middling success. Bacon of Limbach notes that women make up only 1.6% of the construction craft workers at present. "We can do dramatically better just by showing women that this is a great industry to work for."

At a recent meeting of the Incident & Injury Free

THE TOP 50 FIRMS IN ELECTRICAL

RANK 2019	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18	RANK 2019	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	QUANTA SERVICES	6,367.5	+14	26	MOTOR CITY ELECTRIC CO.	377.9	-10
2	EMCOR GROUP INC.	1,951.4	+7	27	ISC CONSTRUCTORS LLC	367.0	+17
3	ROSENDIN ELECTRIC	1,641.8	+6	28	HATZEL & BUEHLER INC.	362.4	+31
4	MYR GROUP INC.	1,531.0	+9	29	FIVE STAR ELECTRIC CORP.	350.0	-26
5	CUPERTINO ELECTRIC INC.	1,170.0	+68	30	MILLER ELECTRIC CO.	335.7	+13
6	M.C. DEAN	816.0	+7	31	DAVIS H. ELLIOT CO. INC.	334.3	+3
7	MDU CONSTRUCTION SERVICES GROUP INC.	809.2	+0	32	PRIME ELECTRIC	320.7	+48
8	MMR	802.0	+23	33	FISK ELECTRIC CO.	312.9	-8
9	IES HOLDINGS INC.	779.7	+55	34	NEW RIVER ELECTRICAL CORP.	293.1	+4
10	FAITH TECHNOLOGIES INC.	773.2	+49	35	TRI-CITY ELECTRICAL CONTRACTORS INC.	284.7	+33
11	MASTEC INC.	760.0	+15	36	** MILLER ELECTRIC CO.	284.2	+154
12	HELIX ELECTRIC INC.	688.5	+10	37	CLEVELAND ELECTRIC CO.	281.7	+42
13	ARCHKEY SOLUTIONS	656.0	NA	38	ROGERS	267.3	+15
14	THE NEWTRON GROUP	603.0	+23	39	SPRIG ELECTRIC	249.0	+27
15	E-J ELECTRIC INSTALLATION CO.	596.5	+39	40	O'CONNELL ELECTRIC CO. INC.	248.3	+12
16	POWER DESIGN	575.1	+22	41	COCHRAN INC.	231.6	+4
17	MORROW-MEADOWS CORP.	568.5	+7	42	THE STATE GROUP INC.	230.0	+16
18	HUNT ELECTRIC CORP.	505.8	+50	43	ENCORE ELECTRIC INC.	225.0	+46
19	ALDRIDGE ELECTRIC INC.	498.4	+10	44	GAYLOR ELECTRIC INC.	224.4	+10
20	REDWOOD ELECTRIC GROUP INC.	480.0	NA	45	INGLETT & STUBBS LLC	214.8	+41
21	CONTI CORP.	464.7	-1	46	FREESTATE ELECTRICAL COS.	214.7	+49
22	CACHE VALLEY ELECTRIC CO.	454.7	+26	47	TRI-CITY ELECTRIC CO. OF IOWA	197.1	+1
23	BERGELECTRIC CORP.	431.4	-13	48	INTERSTATES	193.3	+12
24	WALKER ENGINEERING INC.	398.0	+7	49	VALLEY ELECTRIC	190.8	+43
25	WAYNE J. GRIFFIN ELECTRIC INC.	382.1	+8	50	LUĐVIK ELECTRIC CO.	176.0	+49

NA=NOT AVAILABLE. **=NOT PREVIOUSLY RANKED.

CEO Forum, a group of 17 general and specialty contractor CEOs that meet on safety issues, each CEO brought a “rising female star” to speak on women’s issues in construction, says Bacon, a founding member of the Forum. One of the problems some of the women identified related to an issue as simple as personal protection equipment. “Women are built differently from men and they can’t comfortably work in PPE designed for a man’s body,” Bacon says. “This has to change.”

Predicting Technology

Technology increasingly is aiding specialty contractors in adding efficiencies to their processes to make up for shortages of craft workers in the field. But the process is often difficult. “We are struggling in the construction industry to really take the new technologies and save efficiencies in the field,” says Anderson of Weifeld Group. “We are using layout software, Building Information Modeling (BIM), onscreen takeoff, etc.—but many of these have been around for years. We are working on how do we figure out predictability of projects based on the history we have.”

Lynch of Southland says that BIM is hardly cutting-



“It will be up to those of us older managers to use our experience to guide our younger staff through whatever comes.”

Ted Lynch, CEO,
Southland
Industries

edge technology anymore. “But we are now seeing how valuable it can be when it is used in a collaborative project.”

Getting staff up to speed can often be a long, difficult process. For example, Rosendin was an early adopter of BIM technology back in 2008. “This created a steep learning curve, as we looked to train over 7,000 Rosendin employees on all levels, including management, to use the tools effectively,” says Mike Greenawalt, senior vice president. “The decade-long evolution has been about repetitions, practice, training, and use of these tools as a way of business.” But he says the company is proud of its success.

The big goal for specialty contractors, especially those in the service and maintenance sector, is predictive analytics. The ability to understand when a piece of equipment is reaching a critical point in its life is important for both the owner and the contractor.

Bacon of Limbach cites the manufacturing industry to contrast it with construction. “The manufacturer of a jet engine knows when its engines need to be serviced to extend their use. But when a chiller or compressor in a building goes down, it is always a surprise,” he says.

THE TOP 50 FIRMS IN MECHANICAL

RANK 2019	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18	RANK 2019	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	EMCOR GROUP INC.	3,536.8	+3	26	TEAM INDUSTRIAL SERVICES INC.	240.0	-55
2	COMFORT SYSTEMS USA INC.	1,626.9	+12	27	KSW MECHANICAL	231.7	+18
3	ACCO ENGINEERED SYSTEMS	1,322.9	+42	28	J.C. CANNISTRARO	229.9	+59
4	SOUTHLAND INDUSTRIES	1,042.6	+23	29	RK MECHANICAL INC.	227.5	-22
5	API GROUP INC.	1,010.8	+19	30	HERMANSON CO. LLP	212.2	+88
6	TDINDUSTRIES	631.0	+4	31	E.M. DUGGAN INC.	212.2	+30
7	HARDER MECHANICAL CONTRACTORS INC.	617.0	+43	32	UNITED MECHANICAL	190.0	NA
8	MCKINSTRY	513.8	+2	33	JOHN E. GREEN CO.	189.0	-21
9	APOLLO MECHANICAL CONTRACTORS	465.7	+7	34	TERRA MILLENNIUM CORP.	185.3	-28
10	BRANDT	449.2	+51	35	IVEY MECHANICAL CO.	177.9	+1
11	U.S. ENGINEERING CO. HOLDINGS	436.0	+49	36	HILL MECHANICAL CORP.	175.6	-6
12	LIMBACH FACILITY SERVICES	425.7	-12	37	AMPAM PARKS MECHANICAL INC.	175.0	+35
13	MURPHY CO.	326.3	+75	38	DORVIN D. LEIS CO. INC.	168.7	+17
14	MCKENNEY'S INC.	324.3	+17	39	P1 GROUP INC.	168.3	+15
15	PAN-PACIFIC MECHANICAL LLC	315.0	+33	40	SAUER HOLDINGS INC.	164.8	+10
16	JH KELLY LLC	301.9	NA	41	MDU CONSTRUCTION SERVICES GROUP INC.	164.6	+34
17	BATCHELOR & KIMBALL INC.	296.8	NA	42	THE STATE GROUP INC.	153.3	+40
18	MMC CONTRACTORS INC.	294.5	+11	43	J.F. AHERN CO.	149.2	+8
19	MACDONALD-MILLER FACILITY SOLUTIONS	278.0	+1	44	MTECH MECHANICAL	146.5	+8
20	AZCO INC.	277.8	+4	45	PACIFIC RIM MECHANICAL CONTRACTORS INC.	132.0	-2
21	WDF INC.	265.6	-7	46	ARDEN BUILDING COS. LLC	130.3	+43
22	MURRAY CO.	256.0	-18	47	GRUNAU CO.	126.0	-19
23	CRITCHFIELD MECHANICAL INC.	241.7	+25	48	A.O. REED & CO.	125.4	-8
24	MB MECHANICALS HOLDINGS	241.2	+46	49	FRESH MEADOW MECHANICAL CORP.	121.1	+20
25	MECHANICAL INC.	240.1	-10	50	POLK MECHANICAL CO. LLC	121.0	+2

NA=NOT AVAILABLE. **=NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN MASONRY

RANK	2019	2018	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	5	5	WESTERN SPECIALTY CONTRACTORS	88.4	+73
2	4	4	J&E COS.	67.3	+31
3	2	2	SUN VALLEY MASONRY INC.	57.7	-1
4	3	3	NORTHLAND CONCRETE & MASONRY CO. LLC	57.6	+10
5	7	7	IMS MASONRY INC.	41.1	-1
6	10	10	OTTO BAUM CO. INC.	39.7	+37
7	8	8	JOHN SMITH MASONRY	38.5	+10
8	9	9	WASCO INC.	38.2	+32
9	14	14	DEE BROWN INC.	37.5	+52
10	**	**	BRAZOS MASONRY INC.	36.7	NA
11	12	12	SEEDORFF MASONRY INC.	30.8	+9
12	16	16	SHADROCK & WILLIAMS MASONRY	27.8	+27
13	11	11	BRODIE CONTRACTORS INC.	27.6	-4
14	13	13	THE WITMER GROUP	23.7	-8
15	15	15	MASONRY BUILDERS INC.	21.5	-7
16	**	**	OLD NORTH STATE MASONRY LLC	15.5	NA
17	18	18	RD MASONRY	13.4	+16
18	20	20	INTERNATIONAL CHIMNEY CORP.	9.6	-5
19	**	**	SDB CONTRACTING SERVICES	7.3	+255
20	**	**	MID-CONTINENTAL RESTORATION CO. INC.	4.9	+1

NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN CONCRETE

RANK	2019	2018	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	1	1	BAKER CONSTRUCTION ENTERPRISES INC.	1,175.0	+15
2	2	2	LITHKO CONTRACTING LLC	705.0	+19
3	3	3	BRANDSAFWAY	615.4	+9
4	4	4	STRUCTURAL TECHNOLOGIES	601.0	+11
5	5	5	CECO CONSTRUCTION GROUP	565.4	+21
6	6	6	LARGO CONCRETE INC.	469.4	+21
7	7	7	KEYSTONE CONCRETE	369.0	+2
8	**	**	SUNTEC CONCRETE INC.	347.0	NA
9	13	13	KENT COS. INC.	289.9	+50
10	8	8	T.A.S. COMMERCIAL CONCRETE CONSTRUCTION LLC	277.0	-5
11	17	17	PACIFIC STRUCTURES INC.	275.8	+63
12	9	9	CAPFORM INC.	256.7	-12
13	15	15	OSBURN CONTRACTORS LLC	209.0	+13
14	16	16	CONCRETE STRATEGIES	201.0	+10
15	10	10	S&F CONCRETE CONTRACTORS CORP.	186.7	-20
16	18	18	CONCRETE VALUE CORP.	180.8	+16
17	14	14	JOSEPH J. ALBANESE INC.	174.3	-8
18	11	11	MCHUGH CONCRETE CONSTRUCTION INC.	141.5	-35
19	**	**	CHERRY COS.	135.9	NA
20	19	19	DONLEY'S CONCRETE GROUP	129.0	+12

NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN WALL AND CEILING

RANK	2019	2018	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	2	2	PERFORMANCE CONTRACTING GROUP INC.	900.8	+8
2	3	3	KHS& CONTRACTORS	367.6	+7
3	4	4	STANDARD DRYWALL INC.	336.2	+36
4	7	7	WESTERN PARTITIONS INC.	247.0	+29
5	8	8	PRECISION WALLS INC.	224.8	+19
6	6	6	ACOUSTI ENGINEERING CO. OF FLORIDA	190.7	-3
7	10	10	THE RAYMOND GROUP	186.3	+22
8	5	5	CALIFORNIA DRYWALL	180.2	-25
9	9	9	BAKER TRIANGLE	173.2	-4
10	12	12	NEVELL GROUP INC.	172.8	+28
11	11	11	NATIONAL CONSTRUCTION ENTERPRISES INC.	147.9	+8
12	17	17	JACOBSON & CO. INC.	130.0	+24
13	14	14	GREATER METROPLEX INTERIORS INC.	118.7	+4
14	13	13	DALEY'S DRYWALL	111.9	-3
15	16	16	F.L. CRANE & SONS INC.	110.6	+4
16	15	15	PHILADELPHIA D&M	106.2	-1
17	18	18	MIDWEST DRYWALL CO. INC.	81.5	-8
18	19	19	BAYSIDE INTERIORS INC.	76.2	-13
19	**	**	TJ WIES CONTRACTING INC.	73.9	+17
20	**	**	CENTRAL CEILINGS INC.	61.5	+56

NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN UTILITY

RANK	2019	2018	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	1	1	QUANTA SERVICES	4,803.5	+24
2	2	2	MASTEC INC.	3,731.1	+5
3	3	3	HENKELS & MCCOY GROUP	1,980.0	+33
4	4	4	CENTURI GROUP INC.	1,350.3	+29
5	5	5	MVERGE	965.7	-3
6	6	6	API GROUP INC.	577.6	+19
7	7	7	INTREN LLC	497.5	+22
8	9	9	DANELLA COS. INC.	310.2	+14
9	8	8	MDU CONSTRUCTION SERVICES GROUP INC.	260.6	-27
10	10	10	RIGGS DISTLER & CO. INC.	254.3	+22
11	14	14	KIELY FAMILY OF COS.	165.0	+36
12	**	**	BOND BROTHERS INC.	160.3	NA
13	**	**	WEST VALLEY CONSTRUCTION CO. INC.	154.7	NA
14	11	11	J.F. ELECTRIC	154.1	-15
15	13	13	DIVERSIFIED UTILITY SERVICES INC.	144.6	+13
16	12	12	CUPERTINO ELECTRIC INC.	130.0	-15
17	15	15	W.A. RASIC CONSTRUCTION CO. INC.	104.5	-7
18	17	17	ALEX E PARIS CONTRACTING CO.	101.6	+39
19	16	16	W.A. CHESTER LLC	72.6	-19
20	19	19	JRCRUZ CORP.	68.3	+3

NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN GLAZING AND CURTAIN WALL

RANK 2019	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	ENCLOS CORP.	332.9	-17
2	HARMON INC.	284.2	NA
3	10 FLYNN GROUP	164.9	+159
4	4 CROWN CORR INC.	158.8	+5
5	3 W&W GLASS LLC	150.0	-6
6	** VENTANA	114.0	NA
7	5 ARCHITECTURAL GLASS & ALUMINUM	92.0	-17
8	7 PIONEER CLADDING & GLAZING SYSTEMS INC.	66.0	-10
9	17 ARCHITECTURAL WALL SYSTEMS LLC	52.0	+58
10	11 GIROUX GLASS INC.	48.0	-14
11	18 AJAY GLASS CO.	45.3	+39
12	13 HALEY-GREER INC.	45.0	-6
13	16 KOVACH BUILDING ENCLOSURES	44.3	+17
14	12 TSI CORP.	43.5	-11
15	** LAFAYETTE METAL & GLASS CO.	39.5	NA
16	15 EGAN CO.	37.8	-2
17	14 CRAWFORD TRACEY CORP.	28.8	-28
18	19 NATIONAL ENCLOSURE CO.	27.3	-7
19	** M.G. MCGRATH INC.	26.3	NA
20	** R & R WINDOW CONTRACTORS INC.	22.5	NA

NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN PAINTING

RANK 2019	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	1 BRANDSAFWAY	429.8	+21
2	** ASRC INDUSTRIAL SERVICES	125.2	NA
3	7 JERRY THOMPSON & SONS	54.0	+28
4	6 ASCHER BROTHERS CO. INC.	52.0	+15
5	4 AVALOTIS CORP.	51.0	-19
6	16 HARRISON CONTRACTING CO.	48.5	+77
7	10 GRAYDAZE CONTRACTING INC.	43.8	+20
8	8 SWANSON & YOUNGDALE INC.	40.0	-3
9	12 THOMAS INDUSTRIAL COATINGS INC.	38.8	+14
10	9 HARTMAN WALSH INDUSTRIAL SERVICES	35.1	-6
11	15 THOMARIOS	32.0	+14
12	14 GEORGE E. MASKER INC.	31.9	+1
13	13 SPECIALTY FINISHES INC.	30.6	-8
14	11 LONG PAINTING CO.	29.7	-18
15	17 NATIONAL COATINGS INC.	28.1	+14
16	** SOEP PAINTING CORP.	27.1	NA
17	20 CERTIFIED COATINGS CO.	26.0	+44
18	** PENINGTON PAINTING CO.	21.7	NA
19	** PITTSBURG TANK & TOWER GROUP INC.	20.6	+22
20	** APEX IMAGING SERVICES	19.5	+57

NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN EXCAVATION AND FOUNDATION

RANK 2019	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	1 KELLER FOUNDATIONS	1,265.2	+83
2	2 MALCOLM DRILLING CO. INC.	409.0	+1
3	5 J. DERENZO COS.	286.7	+21
4	4 MASTEC INC.	276.4	+5
5	3 BERKEL	263.0	-4
6	6 PLATEAU EXCAVATION INC.	252.5	+17
7	7 BEAVER EXCAVATING CO.	249.5	+23
8	9 DRILL TECH DRILLING & SHORING INC.	201.9	+21
9	10 INDEPENDENCE EXCAVATING INC.	196.1	+24
10	11 CONDON-JOHNSON & ASSOCIATES INC.	150.0	+1
11	13 RYAN INC. CENTRAL	149.0	+9
12	8 MANAFORT BROTHERS INC.	143.6	-17
13	** VEIT & CO. INC.	137.0	NA
14	** L. KEELEY CONSTRUCTION	132.0	NA
15	** NICHOLSON CONSTRUCTION CO.	122.0	NA
16	** E.S. WAGNER CO.	108.0	+65
17	14 JOSEPH J. ALBANESE INC.	101.7	-8
18	16 RUTTURA & SONS CONSTRUCTION CO. INC.	98.8	-1
19	** FIORE & SONS INC.	82.0	+132
20	** RICHARD GOETTELL INC.	80.7	+17

NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN ROOFING

RANK 2019	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	1 CENTIMARK CORP.	627.6	+4
2	4 FLYNN GROUP	382.1	+162
3	2 BAKER ROOFING CO.	277.5	+18
4	3 NATIONS ROOF	200.7	+14
5	5 KALKREUTH ROOFING AND SHEET METAL	134.2	+8
6	7 BEST CONTRACTING SERVICES INC.	99.4	+33
7	8 SCHREIBER CORP.	73.0	+6
8	11 THE ROOF DEPOT INC.	65.3	+20
9	10 KPOST CO.	63.1	+15
10	9 LATITE ROOFING LLC	61.5	+8
11	13 THE BULLDOG GROUP INC.	58.4	+12
12	12 DOUGLASS COLONY GROUP	48.7	-9
13	17 WAYNE'S ROOFING INC.	38.8	+27
14	14 ORNDORFF & SPAID INC.	35.0	-15
15	15 KING OF TEXAS ROOFING CO. LP	30.0	-8
16	16 ROFFING SOLUTIONS LLC	27.5	-14
17	20 COMMERCIAL ROOFERS INC.	25.3	+15
18	** ALL-SOUTH SUBCONTRACTORS INC.	22.6	+4
19	18 WESTERN SPECIALTY CONTRACTORS	22.1	-26
20	** WOLFRUM ROOFING & EXTERIORS	8.2	NA

NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN DEMOLITION AND WRECKING

RANK	2019	2018	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	1		NORTHSTAR GROUP SERVICES INC.	311.9	+15
2	4		PENHALL CO.	268.0	+99
3	2		BRANDENBURG INDUSTRIAL SERVICE CO.	222.4	+7
4	3		D.H. GRIFFIN WRECKING CO. INC.	170.9	+0
5	**		SELECT DEMO SERVICES LLC	94.0	NA
6	5		BIERLEIN COS. INC.	92.5	+7
7	**		MCM MANAGEMENT CORP.	87.5	NA
8	7		MANAFORT BROTHERS INC.	71.0	+24
9	6		JDC DEMOLITION CO. INC.	48.2	-18
10	12		NORTH AMERICAN DISMANTLING CORP.	40.0	+19
11	**		ADAMO GROUP INC.	38.8	NA
12	15		CHERRY COS.	33.6	+23
13	**		DORE & ASSOCIATES CONTRACTING INC.	32.2	NA
14	9		NASDI LLC	32.0	-42
15	**		THE BERG CORP.	30.0	NA
16	13		O'Rourke Wrecking Co.	29.0	-6
17	8		INDEPENDENCE EXCAVATING INC.	24.4	-57
18	**		VEIT & CO. INC.	24.2	NA
19	**		PRISM SPECTRUM HOLDINGS LLC	23.8	NA
20	11		ERSI	23.1	-38

NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN ASBESTOS ABATEMENT

RANK	2019	2018	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	**		P.A.L. ENVIRONMENTAL SAFETY CORP.	188.1	NA
2	1		NORTHSTAR GROUP SERVICES INC.	171.9	+38
3	10		ESA/1 PRIORITY	60.4	+150
4	7		PRISM SPECTRUM HOLDINGS LLC	49.2	+85
5	13		HEPACO LLC	47.1	+137
6	4		PRECISION ENVIRONMENTAL CO.	42.9	+15
7	3		ARC ABATEMENT	42.0	+6
8	6		AMERICAN TECHNOLOGIES INC.	34.2	+10
9	9		NEW ROADS ENVIRONMENTAL SERVICES	29.0	+12
10	5		DEMOLITION & ASBESTOS REMOVAL INC.	26.8	-19
11	14		INTERNATIONAL ASBESTOS REMOVAL INC.	25.3	+29
12	20		WINTER ENV'L, A DIV. OF THE WINTER CONSTR. CO.	22.8	+79
13	**		ASRC INDUSTRIAL SERVICES	19.9	NA
14	**		LAKESHORE ENVIRONMENTAL CONTRACTORS LLC	19.2	NA
15	11		IREX CONTRACTING GROUP	18.5	-18
16	17		BRANDSAFWAY	14.7	+3
17	15		ENVIRONMENTAL ASSURANCE CO. INC.	14.3	-15
18	19		AAC CONTRACTING INC.	13.7	+3
19	2		PERFORMANCE CONTRACTING GROUP INC.	13.4	-78
20	18		SPRAY SYSTEMS ENVIRONMENTAL	10.4	-25

NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN SHEET METAL

RANK	2019	2018	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	9		FLYNN GROUP	160.6	+189
2	1		MCDougall Family of Cos.	107.0	-9
3	**		RK MECHANICAL INC.	91.8	NA
4	11		MMC CONTRACTORS INC.	88.0	+88
5	4		POYNTER SHEET METAL	81.4	-4
6	5		M.G. MCGRATH INC.	78.8	-6
7	2		CROWN CORR INC.	78.2	-23
8	3		HILL MECHANICAL CORP.	68.6	-31
9	8		BONLAND INDUSTRIES INC.	62.5	-6
10	12		KOVACH BUILDING ENCLOSURES	54.2	+17
11	13		DEE CRAMER INC.	47.5	+13
12	18		J.F. AHERN CO.	46.4	+55
13	**		CAID INDUSTRIES INC.	41.0	NA
14	15		BAKER GROUP	39.7	+19
15	10		BEST CONTRACTING SERVICES INC.	35.0	-36
16	**		CALIFORNIA SHEET METAL WORKS INC.	35.0	NA
17	14		J.C. CANNISTRARO	29.1	-13
18	**		B & I CONTRACTORS INC.	29.1	NA
19	**		VIDIMOS INC.	28.6	+9
20	20		P1 GROUP INC.	26.8	-5

NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN STEEL ERECTION

RANK	2019	2018	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	1		SCHUFF STEEL CO.	606.2	+16
2	2		SME STEEL	240.3	+57
3	4		BASDEN STEEL CORP.	138.7	+41
4	8		SURE STEEL INC.	131.6	+115
5	3		MIDWEST STEEL	116.9	-15
6	10		LPR CONSTRUCTION	90.0	+74
7	5		THE WILLIAMS GROUP	77.3	+17
8	14		NSC	76.0	+110
9	7		SOWLES CO.	53.8	-14
10	9		AREA ERECTORS INC.	52.5	-3
11	12		PATRIOT ERECTORS LLC	51.1	+27
12	6		DANNY'S CONSTRUCTION CO. LLC	48.9	-25
13	13		CSE INC.	48.8	+28
14	**		RED CEDAR STEEL ERECTORS INC.	38.0	NA
15	**		PRT	35.6	NA
16	16		APEX STEEL INC.	34.6	+12
17	17		PITTSBURG TANK & TOWER GROUP INC.	33.0	+22
18	15		DUNN BUILDING CO. LLC	32.7	+1
19	**		SUPERIOR RIGGING & ERECTING CO. INC.	31.4	NA
20	18		RK MECHANICAL INC.	25.7	-2

NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

THE TOP 20 FIRMS IN FIRE PROTECTION AND SPRINKLERS

RANK 2019	RANK 2018	FIRM	(\$ MIL.) 2018 REV.	% CHANGE '17-'18
1	1	API GROUP INC.	1,444.0	+19
2	2	EMCOR GROUP INC.	552.9	+11
3	3	J.F. AHERN CO.	135.9	+3
4	7	PALMETTO AUTOMATIC SPRINKLER	40.9	+20
5	**	SENTINEL SAFETY & SECURITY GROUP LLC	37.5	NA
6	**	MCKINSTRY	34.3	NA
7	10	J.C. CANNISTRARO	32.0	+20
8	13	HILL MECHANICAL CORP.	30.2	+21
9	9	MDU CONSTRUCTION SERVICES GROUP INC.	27.4	+0
10	14	HAMPSHIRE FIRE PROTECTION CO.	24.0	+8
11	11	JOHN E. GREEN CO.	21.0	-21
12	18	ATLANTIC CONTRACTORS INC.	18.5	+39
13	12	ALFRED MILLER CONTRACTING	18.0	-31
14	17	PITTSBURG TANK & TOWER GROUP INC.	17.3	+22
15	**	ARDEN BUILDING COS. LLC	15.9	+64
16	16	BRIGADE FIRE PROTECTION INC.	15.5	+0
17	**	DORVIN D. LEIS CO. INC.	15.0	NA
18	**	TG GALLAGHER	12.9	+17
19	**	AMERICAN FIRE TECHNOLOGIES	12.7	+45
20	20	CONTI CORP.	11.5	-6

* NA=NOT AVAILABLE. ** =NOT PREVIOUSLY RANKED.

Bacon says there needs to be more energy audits and energy scorecards to be able to predict when a particular piece of equipment needs to be serviced or replaced.

Specialty contractors and subcontractors have seen nothing but a growing market the past eight to nine years. The industry has flourished, and it has dealt primarily with the problems of a growing market, such as recruiting and retaining young employees and developing and employing technology to make up for staffing shortfalls.

Many of these issues have benefited younger employees, who have provided much-needed technolo-

Nuclear Decommissioning

NorthStar Takes Charge



On January 11, NorthStar Group Services (**No. 46**) acquired the license for the Vermont Yankee nuclear powerplant from Entergy, giving it the responsibility to decommission the 620-MW plant, using the approximately \$500-million plant decommissioning trust fund. Rather than employ a 30-year cooling-off period for the reactor, NorthStar is proceeding with an accelerated plan which could have the plant cleaned up as soon as 2026. Based on the Vermont Yankee plan, NorthStar was awarded a similar decommissioning project by Duke Energy for Florida's 860-MW Crystal River nuclear power plant, which has a \$717-million decommissioning trust fund. ■

On the Web

For expanded content on ENR's Top Lists, see [ENR.com/toplists](http://enr.com/toplists).

logical expertise and filled the roles of retiring baby boomers. As a result, millennials have enjoyed increasing salaries and responsibilities. But many of these young employees have never seen a downturn and have no experience with a declining market.

"Clearly, working with millennials during a market decline will be a challenge," says Lynch of Southland Industries. "It will be up to those of us older managers to use our experience to guide our younger staff through whatever comes." ■

How To Read the Tables

KEY TO TYPE OF FIRM

A=asbestos abatement; **C**=concrete; **D**=demolition/wrecking; **E**=electrical; **F**=fire protection and sprinklers; **G**=glazing/curtain wall; **M**=mechanical; **MA**=masonry; **O**=other; **P**=painting; **R**=roofing; **SH**=sheet metal; **ST**=steel erection; **U**=utility; **W**=wall/ceiling; **X**=excavation/foundation.

Companies are ranked according to construction revenue in 2018 in (\$) millions from specialty contracting in a prime or subcontracting capacity. Firms

that were not ranked in 2017 are designated by double asterisks (**). New contract awards refer to contracts awarded in 2018. 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 includes 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 includes 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 includes 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.

RANK	2019 FIRM	FIRM TYPE	2018 REVENUE (\$ MIL)		MARKETS (% OF 2018 REVENUE)								
			TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM.
1	1 QUANTA SERVICES, Houston, Texas	E/U	11,171.0	NA	0	0	57	0	0	0	0	0	0
2	2 EMCOR GROUP INC., Norwalk, Conn.	M/O/E	8,130.6	NA	69	0	2	5	0	18	6	0	0
3	3 MASTEC INC., Coral Gables, Fla. ³	U/G/E	6,909.4	7,690.0	1	0	19	0	0	48	0	0	31
4	4 BRANDSAFWAY, Kennesaw, Ga. ⁴	O/C	4,884.0	NA	29	3	10	0	0	57	1	0	0
5	5 API GROUP INC., New Brighton, Minn. ⁵	F/M/U	3,610.0	4,110.0	42	11	5	0	0	24	11	0	7
6	8 HENKELS & MCCOY GROUP, Blue Bell, Pa.	U	1,980.0	NA	0	0	44	0	0	40	0	0	12
7	7 ROSENDIN ELECTRIC, San Jose, Calif.	E	1,641.8	2,030.3	45	0	0	0	0	0	20	0	35
8	9 COMFORT SYSTEMS USA INC., Houston, Texas	M	1,626.9	1,844.7	73	27	0	0	0	0	0	0	0
9	23 KELLER NORTH AMERICA, Hanover, Md. ⁹	X/O	1,542.9	1,464.0	55	8	7	3	3	4	15	0	5
10	10 MYR GROUP INC., Rolling Meadows, Ill.	E	1,531.0	NA	42	0	0	0	0	0	0	0	0
11	12 CENTURI GROUP INC., Phoenix, Ariz. ¹¹	U	1,522.3	894.6	0	0	2	5	0	0	0	0	89
12	11 MDU CONSTRUCTION SERVICES GROUP INC., Bismarck, N.D.	E/U/M	1,371.5	939.3	67	0	19	0	0	6	0	0	0
13	14 PERFORMANCE CONTRACTING GROUP INC., Lenexa, Kan. ¹³	W/O/P	1,344.4	1,575.1	36	11	20	0	1	19	6	0	0
14	17 ACCO ENGINEERED SYSTEMS, Pasadena, Calif.	M	1,322.9	NA	100	0	0	0	0	0	0	0	0
15	20 CUPERTINO ELECTRIC INC., San Jose, Calif.	E/U	1,300.0	NA	86	0	14	0	0	0	0	0	0
16	16 BAKER CONSTRUCTION ENTERPRISES INC., Monroe, Ohio	C	1,175.0	1,200.0	77	2	2	0	2	13	4	0	0
17	19 SOUTHLAND INDUSTRIES, Dulles, Va.	M	1,050.1	800.5	82	14	0	0	0	0	4	0	0
18	18 MVERGE, Indianapolis, Ind.	U	965.7	965.7	0	0	0	3	0	97	0	0	0
19	25 STEELFAB INC., Charlotte, N.C. ¹⁹	O	846.7	590.3	55	30	5	0	0	0	10	0	0
20	21 M.C. DEAN, Tysons, Va.	E	816.0	960.0	53	2	0	0	3	2	30	0	10
21	27 MMR, Baton Rouge, La.	E	802.0	425.3	0	10	0	0	0	0	85	0	0
22	22 IES HOLDINGS INC., Houston, Texas	E	779.7	NA	75	13	0	0	0	0	0	0	13
23	37 FAITH TECHNOLOGIES INC., Menasha, Wis.	E	773.2	234.0	67	27	2	0	1	1	1	0	2
24	24 CENTIMARK CORP., Canonsburg, Pa. ²⁴	R/O	723.7	710.7	100	0	0	0	0	0	0	0	0
25	26 CECO CONSTRUCTION GROUP, Kansas City, Mo. ²⁵	C/O	715.7	765.4	79	2	0	0	0	19	0	0	0
26	96 FLYNN GROUP, Kansas City, Kan.	R/G/SH	707.5	795.6	100	0	0	0	0	0	0	0	0
27	31 LITHKO CONTRACTING LLC, West Chester, Ohio	C	705.0	765.0	89	11	0	0	0	0	0	0	0
28	29 HELIX ELECTRIC INC., San Diego, Calif.	E	688.5	651.0	60	10	10	0	5	5	10	0	0
29	28 MCKINSTRY, Seattle, Wash.	M/E	685.0	685.0	70	10	0	0	0	10	5	0	5
30	** ARCHKEY SOLUTIONS, St. Louis, Mo.	E	656.0	990.8	66	4	4	0	0	9	4	0	14
31	** BOND BROTHERS INC., Medford, Mass. ³¹	O/U	641.3	404.8	47	0	44	0	0	1	8	0	0
32	30 TDINDUSTRIES, Dallas, Texas	M	631.0	440.0	100	0	0	0	0	0	0	0	0
33	46 UNIVERSAL PLANT SERVICES INC., Deer Park, Texas ³³	O	618.0	663.5	0	0	5	0	0	78	0	0	2
34	48 HARDER MECHANICAL CONTRACTORS INC., Portland, Ore.	M	617.0	400.0	20	30	5	0	0	35	5	5	0
35	36 SCHUFF STEEL CO., Phoenix, Ariz.	ST	606.2	369.0	87	5	0	0	0	0	8	0	0
36	40 THE NEWTROW GROUP, Baton Rouge, La.	E	603.0	390.0	0	0	20	0	0	80	0	0	0
37	34 STRUCTURAL TECHNOLOGIES, Columbia, Md.	C	601.0	620.0	50	0	15	7	2	18	8	0	0
38	49 E-J ELECTRIC INSTALLATION CO., Long Island City, N.Y.	E	596.5	562.0	30	0	25	5	5	0	30	0	5
39	39 BRANDT, Carrollton, Texas	M/E	591.0	368.9	65	15	5	0	0	15	0	0	0
40	33 BRIGHTVIEW LANDSCAPE DEVELOPMENT INC., Calabasas, Calif. ⁴⁰	O	583.3	NA	100	0	0	0	0	0	0	0	0
41	32 CONTI CORP., Sterling Heights, Mich.	E/M	576.5	508.9	32	32	7	0	0	5	11	0	13
42	44 POWER DESIGN, St. Petersburg, Fla.	E	575.1	733.2	100	0	0	0	0	0	0	0	0
43	35 MORROW-MEADOWS CORP., City of Industry, Calif.	E	568.5	474.5	47	5	5	0	5	0	35	0	3
44	15 TEAM INDUSTRIAL SERVICES INC., Sugar Land, Texas ⁴⁴	O/M	543.6	NA	0	0	10	0	0	70	0	0	0
45	66 HUNT ELECTRIC CORP., Bloomington, Minn.	E	505.8	389.9	53	20	5	0	0	15	0	0	7
46	42 NORTHSTAR GROUP SERVICES INC., New York, N.Y.	D/A	503.8	1,375.0	71	3	10	0	0	4	2	12	0
47	45 ALDRIDGE ELECTRIC INC., Libertyville, Ill.	E	498.4	692.0	5	0	50	0	0	0	45	0	0
48	54 INTREN LLC, Union, Ill.	U	497.5	510.0	0	0	0	0	0	0	0	0	0
49	77 SME STEEL, West Jordan, Utah ⁴⁹	ST/O	480.5	505.0	63	12	0	0	0	10	15	0	0
50	** REDWOOD ELECTRIC GROUP INC., Santa Clara, Calif.	E	480.0	600.0	70	10	0	0	0	0	10	0	10

RANK	2019 FIRM	FIRM TYPE	TOTAL REVENUE	NEW CONTRACTS	MARKETS (% OF 2018 REVENUE)									
					GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM.	
51	57 LARGO CONCRETE INC. , Tustin, Calif.	C	469.4	525.0	100	0	0	0	0	0	0	0	0	0
52	47 APOLLO MECHANICAL CONTRACTORS , Kennewick, Wash.	M	465.7	250.0	30	35	10	0	0	15	0	0	10	
53	60 CACHE VALLEY ELECTRIC CO. , Logan, Utah	E	454.7	609.0	28	0	13	0	0	12	8	0	39	
54	50 TERRA MILLENNIUM CORP. , Salt Lake City, Utah ⁵⁴	O/M	441.2	476.3	0	0	16	0	0	84	0	0	0	
55	41 LIMBACH FACILITY SERVICES , Pittsburgh, Pa.	M	438.9	524.8	78	6	0	0	0	6	7	0	3	
56	82 U.S. ENGINEERING CO. HOLDINGS , Kansas City, Mo.	M	436.0	440.4	82	16	0	0	0	2	0	0	0	
57	38 BERGELECTRIC CORP. , Carlsbad, Calif.	E	431.4	375.3	75	10	0	0	5	0	5	0	5	
58	58 KEYSTONE CONCRETE , Houston, Texas ⁵⁸	C	410.0	315.0	100	0	0	0	0	0	0	0	0	
59	55 MALCOLM DRILLING CO. INC. , San Francisco, Calif.	X	409.0	434.3	46	1	0	0	1	0	52	0	0	
60	** ASRC INDUSTRIAL SERVICES , Concord, Calif. ⁶⁰	O/P	405.1	47.8	21	5	42	0	0	33	0	0	0	
61	59 WALKER ENGINEERING INC. , Irving, Texas	E	398.0	375.0	50	0	0	0	15	10	5	0	20	
62	69 ISEC INC. , Greenwood Village, Colo. ⁶²	O	390.8	398.3	100	0	0	0	0	0	0	0	0	
63	81 RIGGS DISTLER & CO. INC. , Cherry Hill, N.J.	U/O/E	385.3	789.0	0	0	12	0	0	15	0	0	3	
64	64 THE STATE GROUP INC. , Evansville, Ind.	E/M	383.3	283.0	0	30	15	0	0	55	0	0	0	
65	73 BARNHART CRANE AND RIGGING , Memphis, Tenn. ⁶⁵	O	383.0	390.0	20	10	20	0	0	50	0	0	0	
66	72 MMC CONTRACTORS INC. , Kansas City, Mo.	M/SH	382.4	447.0	100	0	0	0	0	0	0	0	0	
67	61 WAYNE J. GRIFFIN ELECTRIC INC. , Holliston, Mass.	E	382.1	385.9	76	5	0	0	6	0	5	0	8	
68	51 MOTOR CITY ELECTRIC CO. , Detroit, Mich.	E	377.9	234.1	46	32	0	0	2	15	2	0	3	
69	63 KHS& CONTRACTORS , Tampa, Fla.	W	367.6	328.9	90	0	0	0	0	0	10	0	0	
70	67 RK MECHANICAL INC. , Denver, Colo. ⁷⁰	M/SH	367.0	275.3	89	7	0	2	0	2	0	0	0	
71	71 ISC CONSTRUCTORS LLC , Baton Rouge, La.	E	367.0	NA	0	0	0	0	0	100	0	0	0	
72	88 HATZEL & BUEHLER INC. , Wilmington, Del.	E	362.4	350.7	63	0	0	0	0	16	1	0	20	
73	43 FIVE STAR ELECTRIC CORP. , Ozone Park, N.Y.	E	350.0	565.7	34	0	0	0	1	0	65	0	0	
74	** JH KELLY LLC , Longview, Wash.	M/E	347.0	347.0	55	20	5	0	0	20	0	0	0	
75	** SUNTEC CONCRETE INC. , Phoenix, Ariz.	C	347.0	355.0	64	14	0	0	1	20	1	0	0	
76	100 STANDARD DRYWALL INC. , Lakeside, Calif.	W	336.2	485.2	100	0	0	0	0	0	0	0	0	
77	79 MILLER ELECTRIC CO. , Jacksonville, Fla.	E	335.7	379.7	88	0	0	0	0	12	0	0	0	
78	68 DAVIS H. ELLIOT CO. INC. , Lexington, Ky.	E	334.3	200.0	5	0	95	0	0	0	0	0	0	
79	56 ENCLOS CORP. , Eagan, Minn.	G	332.9	187.3	100	0	0	0	0	0	0	0	0	
80	78 J.F. AHERN CO. , Fond du Lac, Wis.	M/F/SH	331.5	265.8	47	37	3	1	4	8	0	0	0	
81	121 CLEVELAND ELECTRIC CO. , Atlanta, Ga.	E/M	327.5	300.0	11	4	18	0	2	13	17	0	35	
82	95 MURPHY CO. , St. Louis, Mo.	M	326.3	217.9	54	35	3	0	0	0	0	0	8	
83	89 MCKENNEY'S INC. , Atlanta, Ga.	M	324.3	408.5	100	0	0	0	0	0	0	0	0	
84	124 PRIME ELECTRIC , Bellevue, Wash.	E	320.7	324.9	0	0	0	0	0	85	10	0	5	
85	107 PAN-PACIFIC MECHANICAL LLC , Fountain Valley, Calif.	M	315.0	390.5	99	0	0	0	0	0	1	0	0	
86	65 FISK ELECTRIC CO. , Houston, Texas	E	312.9	248.4	50	10	0	0	0	20	10	0	10	
87	93 DANELLA COS. INC. , Plymouth Meeting, Pa.	U	310.2	325.0	0	0	0	0	0	0	0	0	0	
88	76 MECHANICAL INC. , Freeport, Ill.	M/C/D	303.9	275.5	67	12	3	0	3	10	5	0	0	
89	111 ROGERS , Alpharetta, Ga.	E/M	297.0	285.0	90	10	0	0	0	0	0	0	0	
90	** BATCHELOR & KIMBALL INC. , Conyers, Ga.	M	296.8	407.4	50	10	0	0	0	10	0	0	0	
91	85 NEW RIVER ELECTRICAL CORP. , Cloverdale, Va.	E	293.1	293.1	0	0	0	0	0	2	0	0	0	
92	94 AZCO INC. , Appleton, Wis. ⁹²	M	292.4	310.7	0	5	80	0	0	15	0	0	0	
93	119 J.C. CANNISTRARO , Watertown, Mass.	M/F/SH	291.0	306.5	91	1	0	0	0	8	0	0	0	
94	70 JOSEPH J. ALBANESE INC. , Santa Clara, Calif.	C/X	290.5	295.8	90	0	0	0	0	10	0	0	0	
95	139 KENT COS. INC. , Grand Rapids, Mich.	C	289.9	324.4	85	15	0	0	0	0	0	0	0	
96	108 J. DERENZO COS. , Brockton, Mass.	X	286.7	158.1	100	0	0	0	0	0	0	0	0	
97	105 AMERICAN TECHNOLOGIES INC. , Anaheim, Calif. ⁹⁷	O/A	285.2	285.2	82	0	0	0	0	0	0	18	0	
98	127 TRI-CITY ELECTRICAL CONTRACTORS INC. , Altamonte Springs, Fla.	E	284.7	138.8	99	0	0	0	0	0	0	0	1	
99	130 CLEAN EARTH , Hatboro, Pa.	O	284.5	284.5	12	0	3	0	0	24	29	24	0	
100	** HARMON INC. , Bloomington, Minn.	G	284.2	350.8	100	0	0	0	0	0	0	0	0	

FOOTNOTES: **54**—REFRACTORY; **58**—LANDSCAPE; **60**—INSULATION; **62**—MILITARY; **65**—WATERWORKS; **66**—INTERIOR FINISHES; **67**—PIPE FABRICATION; **70**—ENERGY, MISSION CRITICAL, WATER; **71**—RECONSTRUCTION, CATASTROPHE RESPONSE; **72**—WATER DAMAGE, EMERGENCY RESPONSE, REDEMPTION, DEMOLITION, AND CONSULTING SERVICES.

#1

QUANTA SERVICES announced Sept. 9 that it is acquiring Hallen Construction Co., Plainview, N.Y., and two utility firms for \$330 million.

MARKETS (% OF 2018 REVENUE)

RANK 2019	2018 FIRM	FIRM TYPE	2018 REVENUE (\$ MIL)		GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM
			TOTAL REVENUE	NEW CONTRACTS									
101	219 MILLER ELECTRIC CO. , Omaha, Neb.	E	284.2	356.6	95	0	0	0	0	1	0	0	3
102	90 MACDONALD-MILLER FACILITY SOLUTIONS , Seattle, Wash.	M	278.0	350.0	100	0	0	0	0	0	0	0	0
103	109 BAKER ROOFING CO. , Raleigh, N.C.	R	277.5	277.5	100	0	0	0	0	0	0	0	0
104	83 T.A.S. COMMERCIAL CONCRETE CONSTRUCTION LLC , Houston, Texas	C	277.0	284.2	100	0	0	0	0	0	0	0	0
105	156 PACIFIC STRUCTURES INC. , San Francisco, Calif.	C	275.8	340.4	100	0	0	0	0	0	0	0	0
106	74 HILL MECHANICAL CORP. , Franklin Park, Ill.	M/SH	274.4	263.7	100	0	0	0	0	0	0	0	0
107	80 WDF INC. , Mount Vernon, N.Y.	M	268.3	511.6	88	0	0	3	0	0	9	0	0
108	102 PENHALL CO. , Anaheim, Calif.	D	268.0	150.0	40	5	5	10	5	5	25	5	0
109	92 BERKEL , Bonner Springs, Kan.	X	263.0	280.0	68	7	5	0	5	10	5	0	0
110	84 CAPFORM INC. , Carrollton, Texas	C	256.7	244.4	100	0	0	0	0	0	0	0	0
111	75 MURRAY CO. , East Rancho Dominguez, Calif. ¹¹¹	M	256.0	202.3	63	24	0	0	5	1	7	0	0
112	125 PLATEAU EXCAVATION INC. , Austell, Ga.	X	252.5	360.0	90	0	0	0	5	0	5	0	0
113	91 EGAN CO. , Brooklyn Park, Minn.	E/W/M	251.9	301.7	40	20	5	0	0	10	15	0	10
114	135 BEAVER EXCAVATING CO. , Canton, Ohio	X	249.5	123.0	4	0	14	0	10	17	55	0	0
115	103 SPRIG ELECTRIC , San Jose, Calif.	E	249.0	291.0	100	0	0	0	0	0	0	0	0
116	120 O'CONNELL ELECTRIC CO. INC. , Victor, N.Y.	E	248.3	280.0	30	5	50	0	5	0	5	0	5
117	140 WESTERN PARTITIONS INC. , Wilsonville, Ore.	W	247.0	NA	100	0	0	0	0	0	0	0	0
118	134 GAYLOR ELECTRIC INC. , Indianapolis, Ind.	E	246.1	329.9	38	32	6	0	0	10	0	0	2
119	122 P1 GROUP INC. , Lenexa, Kan.	M/E	243.9	236.2	51	18	8	0	0	15	0	0	8
120	138 CRITCHFIELD MECHANICAL INC. , San Jose, Calif.	M	241.7	250.0	80	0	0	0	0	0	20	0	0
121	159 MB MECHANICALS HOLDINGS , Harrisburg, Pa.	M	241.2	210.4	80	5	0	0	0	5	0	0	0
122	113 WACHTER INC. , Lenexa, Kan. ¹²²	O/E	240.7	203.7	59	13	0	0	0	28	0	0	0
123	131 KSW MECHANICAL , Long Island City, N.Y. ¹²³	M	238.9	148.0	93	0	3	0	0	0	4	0	0
124	99 CROWN CORR INC. , Gary, Ind.	G/Sh	237.0	251.4	65	0	0	0	0	0	35	0	0
125	106 IREX CONTRACTING GROUP , Lancaster, Pa. ¹²⁵	O/W	236.4	244.0	45	5	29	0	0	14	1	0	0
126	118 COCHRAN INC. , Seattle, Wash.	E	231.6	230.0	70	0	0	0	0	0	0	0	30
127	161 FREESTATE ELECTRICAL COS. , Laurel, Md.	E	226.0	220.0	100	0	0	0	0	0	0	0	0
128	168 ENCORE ELECTRIC INC. , Lakewood, Colo.	E	225.0	215.0	100	0	0	0	0	0	0	0	0
129	141 PRECISION WALLS INC. , Cary, N.C.	W	224.8	271.5	90	5	0	0	0	0	5	0	0
130	115 ACOUSTI ENGINEERING CO. OF FLORIDA , Orlando, Fla. ¹³⁰	W/O	224.3	200.7	100	0	0	0	0	0	0	0	0
131	143 NATIONS ROOF , Mobile, Ala.	R/Sh	223.0	223.0	30	40	0	0	0	30	0	0	0
132	132 BRANDENBURG INDUSTRIAL SERVICE CO. , Chicago, Ill.	D	222.4	NA	5	10	15	0	0	50	10	10	0
133	128 WESTERN SPECIALTY CONTRACTORS , St. Louis, Mo.	C/M/R	221.0	209.9	58	6	6	2	0	12	0	16	0
134	116 INDEPENDENCE EXCAVATING INC. , Independence, Ohio	X/D	220.5	215.2	20	10	5	0	5	15	40	5	0
135	171 INGLETT & STUBBS LLC , Mableton, Ga.	E	214.8	225.4	100	0	0	0	0	0	0	0	0
136	114 MANAFORT BROTHERS INC. , Plainville, Conn.	X/D	214.6	141.7	38	0	11	0	0	7	20	24	0
137	206 KIELY FAMILY OF COS. , Tinton Falls, N.J. ¹³⁷	U/O	214.3	228.3	0	0	0	6	0	71	23	0	0
138	179 HERMANSON CO. LLP , Kent, Wash.	M	212.2	210.0	70	10	0	0	0	0	20	0	0
139	160 E.M. DUGGAN INC. , Canton, Mass.	M	212.2	222.3	100	0	0	0	0	0	0	0	0
140	97 JOHN E. GREEN CO. , Highland Park, Mich.	M	210.0	210.0	35	40	10	0	5	5	0	5	0
141	144 OSBURN CONTRACTORS LLC , Garland, Texas	C	209.0	265.0	20	30	0	0	0	50	0	0	0
142	150 BAKER GROUP , Ankeny, Iowa ¹⁴²	M/Sh/E	208.9	191.0	82	1	0	0	0	13	0	0	4
143	** HELLAS CONSTRUCTION INC. , Austin, Texas ¹⁴³	O	207.8	241.6	100	0	0	0	0	0	0	0	0
144	129 J.F. ELECTRIC , Edwardsville, Ill.	U/E	205.5	NA	4	13	75	0	0	8	0	0	0
145	163 L. KEELEY CONSTRUCTION , St. Louis, Mo. ¹⁴⁵	X/C/O	205.2	254.8	24	1	38	0	1	0	1	0	0
146	157 DRILL TECH DRILLING & SHORING INC. , Antioch, Calif.	X	201.9	165.8	20	0	0	5	10	0	55	0	0
147	** VEIT & CO. INC. , Rogers, Minn. ¹⁴⁷	X/J/D	201.5	168.5	45	1	10	1	11	11	21	0	0
148	146 CONCRETE STRATEGIES , St. Louis, Mo.	C	201.0	231.0	25	30	0	0	0	35	10	0	0
149	137 TRI-CITY ELECTRIC CO. OF IOWA , Davenport, Iowa	E	197.1	115.2	60	28	0	0	1	0	1	0	10
150	152 INTERSTATES , Sioux Center, Iowa	E	193.3	159.7	0	13	1	0	2	84	0	0	0

RANK	2019 FIRM	FIRM TYPE	2018 REVENUE (\$ MIL)												MARKETS (% OF 2018 REVENUE)						
			TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING		MANUFACTURING		POWER		WATER SUPPLY		SEWER / WASTE		INDUS. / PETROLEUM		TRANSPORTATION		HAZARDOUS WASTE		TELECOM.
151	192 VALLEY ELECTRIC , Everett, Wash.	E	190.8	220.3	40	0	0	0	0	0	10	10	35	0	0	5					
152	** UNITED MECHANICAL , San Jose, Calif. ¹⁵²	M	190.0	180.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
153	104 CALIFORNIA DRYWALL , San Jose, Calif.	W	189.7	209.2	95	0	0	0	0	0	0	0	0	5	0	0					
154	183 BROADWAY ELECTRIC SERVICE CORP. , Knoxville, Tenn.	E/JM	189.4	NA	53	21	15	0	0	0	0	0	0	0	7	4					
155	** P.A.L. ENVIRONMENTAL SAFETY CORP. , Long Island City, N.Y.	A	188.1	88.4	0	0	7	0	0	0	0	0	0	0	93	0					
156	181 DORVIN D. LEIS CO. INC. , Kahului, Hawaii	M	187.4	193.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
157	110 S&F CONCRETE CONTRACTORS CORP. , Hudson, Mass.	C	186.7	215.8	96	2	0	0	0	0	0	0	0	2	0	0					
158	170 THE RAYMOND GROUP , Orange, Calif.	W	186.3	NA	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
159	167 CONCRETE VALUE CORP. , Sacramento, Calif.	C	180.8	224.7	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
160	149 IVEY MECHANICAL CO. , Kosciusko, Miss.	M	177.9	150.9	40	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
161	302 BERMUDEZ, LONGO, DIAZ-MASSO LLC , San Juan, P.R. ¹⁶¹	O/M/E	176.0	125.1	25	0	0	5	0	10	15	0	45								
162	210 LUDVIK ELECTRIC CO. , Lakewood, Colo.	E	176.0	124.5	15	0	0	0	20	0	64	0	0								
163	** AMTECK LLC , Lexington, Ky.	E	175.5	127.3	15	35	0	0	0	35	0	0	0	15							
164	196 AMPAM PARKS MECHANICAL INC. , Carson, Calif. ¹⁶⁴	M	175.0	210.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
165	147 THE MORSE GROUP INC. , Freeport, Ill.	E	174.9	275.8	33	55	2	0	8	0	0	0	0	2							
166	164 SAUER HOLDINGS INC. , Pittsburgh, Pa.	M	173.5	107.0	92	0	0	0	0	8	0	0	0								
167	148 BAKER TRIANGLE , Dallas, Texas	W	173.2	137.9	85	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
168	190 NEVELL GROUP INC. , Brea, Calif.	W	172.8	256.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
169	165 LAKE ERIE ELECTRIC COS. , Westlake, Ohio	E	172.6	172.6	25	30	0	0	10	25	0	0	10	10	0	0	10				
170	145 REMEDIAL CONSTRUCTION SERVICES LP , Houston, Texas ¹⁷⁰	O	171.1	101.9	0	5	29	0	0	66	0	0	0								
171	155 D.H. GRIFFIN WRECKING CO. INC. , Greensboro, N.C.	D	170.9	170.9	45	5	40	0	2	5	3	0	0								
172	180 CHERRY COS. , Houston, Texas	C/D	170.3	NA	15	0	0	0	0	10	1	0	0								
173	136 TEC INDUSTRIAL , Kingsport, Tenn.	M/E	169.4	181.6	0	0	23	0	0	77	0	0	0								
174	169 H.J. MARTIN AND SON , Green Bay, Wis. ¹⁷⁴	O/W/G	167.7	134.6	98	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
175	208 ARDEN BUILDING COS. LLC , Pawtucket, R.I. ¹⁷⁵	M	167.0	116.3	68	14	8	3	4	0	0	0	0	0	0	0	0	0	0	3	
176	178 JMEG LLC , Farmers Branch, Texas	E	166.4	182.2	88	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
177	234 PAYNECREST ELECTRIC INC. , St. Louis, Mo.	E	157.8	160.0	36	36	20	0	0	4	0	0	0	0	0	0	0	0	0	4	
178	199 NEWKIRK ELECTRIC ASSOCIATES INC. , Muskegon, Mich.	E	157.0	170.3	5	5	64	0	0	10	1	0	0	15							
179	174 ALLISON SMITH CO. , Smyrna, Ga.	E	155.0	155.0	65	0	0	0	0	10	0	0	0	0	0	0	0	0	0	25	
180	172 WEST VALLEY CONSTRUCTION CO. INC. , Campbell, Calif.	U	154.7	165.0	0	0	15	60	5	0	0	0	0	0	0	0	0	0	0	20	
181	205 COMMONWEALTH ELECTRIC CO. OF THE MIDWEST , Lincoln, Neb.	E	154.2	125.7	63	0	0	0	0	25	4	0	0	6							
182	173 GUARANTEE ELECTRICAL CO. , St. Louis, Mo.	E	152.0	152.0	70	10	0	0	19	0	0	0	0	0	0	0	0	0	0	0	
183	175 CONDON-JOHNSON & ASSOCIATES INC. , Oakland, Calif.	X	150.0	145.0	50	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	
184	162 W&W GLASS LLC , Nanuet, N.Y.	G	150.0	200.0	70	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	
185	186 RYAN INC. CENTRAL , Janesville, Wis.	X	149.0	109.5	31	0	2	0	67	0	0	0	0	0	0	0	0	0	0	0	
186	177 MONA ELECTRIC GROUP INC. , Clinton, Md.	E	148.6	89.0	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
187	185 NATIONAL CONSTRUCTION ENTERPRISES INC. , Ypsilanti, Mich.	W	147.9	211.4	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
188	189 MTECH MECHANICAL , Westminster, Colo.	M	146.5	135.6	90	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	
189	117 YTG LLC , Philadelphia, Miss. ¹⁸⁹	E/M	146.5	104.9	30	44	10	0	0	16	0	0	0	0	0	0	0	0	0	0	
190	197 DIVERSIFIED UTILITY SERVICES INC. , Bakersfield, Calif.	U	144.6	291.5	0	0	95	0	0	0	0	0	0	0	0	0	0	0	0	5	
191	** GREENBERRY INDUSTRIAL LLC , Vancouver, Wash. ¹⁹¹	M/O/C	144.4	147.4	10	20	10	3	0	50	2	5	0								
192	252 COLLINS ELECTRICAL CO. INC. , Stockton, Calif.	E	143.5	179.7	81	0	0	0	7	1	0	0	0								
193	248 WAYNE BROTHERS INC. , Davidson, N.C. ¹⁹³	C/X	142.9	142.9	20	45	5	0	0	15	0	0	0	0	0	0	0	0	0	15	
194	230 FRESH MEADOW MECHANICAL CORP. , Fresh Meadows, N.Y. ¹⁹⁴	M/O	142.5	73.0	85	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	
195	182 ERMCO INC. , Indianapolis, Ind.	E	142.0	176.6	20	20	0	5	0	25	0	25	0	0	0	0	0	0	0	5	
196	123 MCHUGH CONCRETE CONSTRUCTION INC. , Chicago, Ill.	C	141.5	NA	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
197	187 BEST CONTRACTING SERVICES INC. , Gardena, Calif.	R/SH	140.1	155.5	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
198	153 VAUGHN INDUSTRIES LLC , Carey, Ohio	E/M/U	138.9	165.5	35	50	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
199	245 BASDEN STEEL CORP. , Burleson, Texas	ST	138.7	145.8	95	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	
200	253 PRIME CONTROLS LP , Lewisville, Texas ²⁰⁰	O	137.8	168.6	0	18	0	21	13	48	0	0	0	0	0	0	0	0	0	0	

FOOTNOTES: ¹⁵²=PLUMBING; ¹⁶¹=TELECOMMUNICATIONS; ¹⁶⁴=PLUMBING; ¹⁶⁹=PLUMBING; ¹⁹¹=FABRICATION; ¹⁹³=INDUSTRIAL CONTRACTING SERVICES; ¹⁹⁴=LOGISTICS; ²⁰⁰=INDUSTRIAL AUTOMATION.

¹⁷⁰=PLUMBING & DESIGN; ¹⁷⁴=STABILIZATION/REMEDIATION; ¹⁷⁷=COMMERCIAL & RESIDENTIAL FLOORING, FIXTURES & MILLWORK INSTALLATION; ¹⁷⁹=POLISHED CONCRETE DOORS & HARDWARE;

EMCOR GROUP INC., announced Oct. 4 that it is acquiring Atlanta-based mechanical contractor Batchelor & Kimball, ranked No. 90.

MARKETS (% OF 2018 REVENUE)

RANK	2019	2018	FIRM	FIRM TYPE	TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM.
201	176	KELSO-BURNETT,	Rolling Meadows, Ill.	E	136.2	103.5	80	2	1	0	1	3	0	0	13
202	201	CHAPEL ELECTRIC CO. LLC,	Dayton, Ohio	E	135.0	105.0	61	17	0	0	2	0	0	0	20
203	158	CUMMINGS ELECTRICAL LP,	Fort Worth, Texas	E	135.0	90.0	65	15	0	0	0	15	0	0	5
204	247	CEC COS.,	Irving, Texas ²⁰⁴	E/M	134.7	185.6	40	15	0	0	0	15	0	0	30
205	204	KALKREUTH ROOFING AND SHEET METAL,	Wheeling, W.Va.	R	134.2	116.1	88	8	0	0	0	4	0	0	0
206	193	ATLANTIC CONSTRUCTORS INC.,	Richmond, Va. ²⁰⁶	O/M/E	132.0	150.0	0	0	0	0	0	0	0	0	0
207	191	PACIFIC RIM MECHANICAL CONTRACTORS INC.,	San Diego, Calif.	M	132.0	100.0	100	0	0	0	0	0	0	0	0
208	370	SURE STEEL INC.,	South Weber, Utah	ST	131.6	112.4	60	0	0	0	0	10	0	0	30
209	229	W. BRADLEY ELECTRIC INC.,	Novato, Calif.	E	131.0	NA	70	0	0	0	0	0	0	0	30
210	207	F.L. CRANE & SONS INC.,	Fulton, Miss. ²¹⁰	W/O	130.8	107.2	90	9	0	0	0	0	1	0	0
211	232	JACOBSON & CO. INC.,	Elizabeth, N.J.	W	130.0	62.6	100	0	0	0	0	0	0	0	0
212	223	TG GALLAGHER,	Waltham, Mass. ²¹²	M	129.2	91.1	100	0	0	0	0	0	0	0	0
213	215	DONLEY'S CONCRETE GROUP,	Cleveland, Ohio	C	129.0	92.0	93	5	2	0	0	0	0	0	0
214	**	EXPANSE ELECTRICAL CO.,	Houston, Texas	E	128.8	128.8	0	0	0	0	0	100	0	0	0
215	263	PRECISION CONCRETE CONSTRUCTION INC.,	Alpharetta, Ga.	C	128.0	117.0	45	35	0	0	0	10	10	0	0
216	203	NORTHLAND CONCRETE & MASONRY CO. LLC,	Shakopee, Minn.	C/M/A	127.9	148.0	75	15	0	5	0	5	0	0	0
217	314	HEPACO LLC,	Charlotte, N.C. ²¹⁷	O/A	127.2	127.2	0	0	0	0	2	0	0	98	0
218	166	GRUNAU CO.,	Oak Creek, Wis.	M	126.0	111.0	45	20	0	0	10	20	5	0	0
219	188	A.O. REED & CO.,	San Diego, Calif.	M	125.4	105.0	100	0	0	0	0	0	0	0	0
220	**	B&I CONTRACTORS INC.,	Fort Myers, Fla.	M/S/H/E	123.9	112.5	100	0	0	0	0	0	0	0	0
221	239	THE WILLIAMS GROUP,	Merrifield, Va. ²²¹	ST/O	123.3	150.0	64	8	6	0	0	20	2	0	0
222	238	WILSON ELECTRIC SERVICES CORP.,	Tempe, Ariz.	E	122.9	143.8	90	0	0	0	0	0	0	0	10
223	**	NICHOLSON CONSTRUCTION CO.,	Canonsburg, Pa.	X	122.0	163.8	17	0	2	38	0	16	26	0	0
224	278	NEAD ELECTRIC,	East Rutherford, N.J.	E	121.8	145.2	84	2	0	0	0	0	8	0	6
225	222	ROMMEL CONSTRUCTION GROUP,	Lititz, Pa.	E/M	121.8	157.6	73	0	0	0	0	0	27	0	0
226	154	CONTINENTAL ELECTRICAL CONSTRUCTION CO.,	Oak Brook, Ill.	E	121.7	150.0	65	10	0	0	0	0	0	0	15
227	209	POLK MECHANICAL CO. LLC,	Grand Prairie, Texas	M	121.0	103.9	80	0	0	0	0	20	0	0	0
228	241	RMF NOOTER,	Toledo, Ohio	M/E	121.0	100.0	1	16	1	1	1	80	0	0	0
229	261	ALEX E. PARIS CONTRACTING CO.,	Atlasburg, Pa.	U/X	121.0	130.3	0	5	0	10	5	80	0	0	0
230	200	SOUTHERN AIR INC.,	Lynchburg, Va.	M/E	120.5	135.0	80	15	0	0	0	5	0	0	0
231	240	ICON MECHANICAL CONSTRUCTION & ENGINEERING LLC,	Granite City, Ill.	M	119.0	95.0	70	0	0	0	0	30	0	0	0
232	216	GREATER METROPLEX INTERIORS INC.,	Southlake, Texas	W	118.7	116.0	100	0	0	0	0	0	0	0	0
233	224	LETROS CO.,	Houston, Texas	M	118.1	45.6	100	0	0	0	0	0	0	0	0
234	184	MIDWEST STEEL,	Detroit, Mich.	ST	116.9	190.5	10	65	0	0	0	21	2	2	0
235	228	MODERN COS. INC.,	Cedar Rapids, Iowa	M/S/H	114.0	42.0	60	5	3	0	0	32	0	0	0
236	**	VENTANA,	Chicago, Ill.	G	114.0	145.0	100	0	0	0	0	0	0	0	0
237	231	LPR CONSTRUCTION,	Loveland, Colo.	ST/M	112.6	112.6	33	4	14	0	0	45	4	0	0
238	213	JB HENDERSON CONSTRUCTION CO. INC.,	Albuquerque, N.M. ²³⁸	M	112.1	61.5	23	77	0	0	0	0	0	0	0
239	308	PETILLO INC.,	Flanders, N.J. ²³⁹	O/U/C	112.1	168.5	100	0	0	0	0	0	0	0	0
240	256	VAN ERT ELECTRIC CO. INC.,	Wausau, Wis. ²⁴⁰	E	112.0	NA	52	7	4	0	4	22	2	0	9
241	214	DALEY'S DRYWALL,	Campbell, Calif.	W	111.9	NA	100	0	0	0	0	0	0	0	0
242	242	ALTERMAN INC.,	San Antonio, Texas	E	111.7	148.1	60	5	0	5	10	5	0	0	15
243	217	COMMET COMMUNICATIONS LLC,	Bethel, Conn. ²⁴³	O	110.4	113.6	0	0	0	0	0	0	0	0	100
244	356	E.S. WAGNER CO.,	Oregon, Ohio	X	108.0	242.0	0	0	0	0	0	22	78	0	0
245	220	AMERICAN DIRECT,	Lenexa, Kan. ²⁴⁵	O	108.0	95.0	100	0	0	0	0	0	0	0	0
246	211	MCDougall Family of Cos.,	Nashville, Tenn.	SH	107.0	140.0	100	0	0	0	0	0	0	0	0
247	227	PHILADELPHIA D&M,	Plymouth Meeting, Pa.	W	106.2	66.5	100	0	0	0	0	0	0	0	0
248	281	R.T. MOORE CO. INC.,	Indianapolis, Ind.	M	105.2	115.0	100	0	0	0	0	0	0	0	0
249	233	M.G. MCGRATH INC.,	Farmington, Minn. ²⁴⁹	SH/G	105.0	100.0	100	0	0	0	0	0	0	0	0
250	218	W.A. RASIC CONSTRUCTION CO. INC.,	Long Beach, Calif.	U	104.5	365.0	0	0	30	40	10	20	0	0	0

FOOTNOTES: ²⁰⁴=LOW VOLTAGE; ²⁰⁶=INDUSTRIAL PLUMBING, INDUSTRIAL PLANT MAINTENANCE, PROCESS PIPING; ²¹⁰=METAL PANEL SYSTEMS, FLOORING, CARPET, RESILIENT TILE; ²¹²=PLUMBING; ²¹⁷=EMERGENCY RESPONSE, REMEDIATION, INDUSTRIAL, MARINE TANK CLEANING; ²²¹=STEEL FABRICATION; ²³⁸=TELECOMMUNICATION; ²⁴⁰=SITE WORK; ²⁴²=CURTAINTWALL; MICROWAVE, TRANSMITTERS, ETC.; ²⁴⁵=DIVISION 28 AND DIVISION 8; ²⁴⁹=CURTAINTWALL.

RANK 2019	FIRM 2018	FIRM	FIRM TYPE	2018 REVENUE (\$ MIL)										MARKETS (% OF 2018 REVENUE)							
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING		MANUFACTURING		POWER		WATER SUPPLY		SEWER / WASTE		INDUS. / PETROLEUM		TRANSPORTATION		HAZARDOUS WASTE	
251	243	RUTTURA & SONS CONSTRUCTION CO. INC., West Babylon, N.Y.	X	104.0	120.0	80	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0
252	357	QUALITY PLUS SERVICES INC., Petersburg, Va.	M/E	103.3	87.0	1	15	5	0	0	0	0	0	79	0	0	0	0	0	0	0
253	269	B.T. MANCINI CO. INC., Milpitas, Calif. ²⁵³	O	102.3	107.3	85	5	0	0	0	0	0	0	0	10	0	0	0	0	0	0
254	326	MUTH ELECTRIC INC., Mitchell, S.D.	E	102.0	110.0	37	18	18	1	8	4	9	0	0	0	0	0	0	0	0	5
255	328	HARDROCK CONCRETE PLACEMENT CO. INC., Phoenix, Ariz.	C	101.7	89.6	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
256	291	W.L. FRENCH EXCAVATING CORP., North Billerica, Mass. ²⁵⁶	X/O/A	101.4	42.8	75	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0
257	237	ELDECO INC., Greenville, S.C.	E	100.1	106.5	40	40	0	0	0	0	20	0	0	0	0	0	0	0	0	0
258	318	ACS SYSTEM ASSOCIATES, Mount Vernon, N.Y.	M	100.0	150.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
259	212	HUSSUNG MECHANICAL CONTRACTORS INC., Louisville, Ky.	M	99.8	80.0	70	15	0	0	0	0	15	0	0	0	0	0	0	0	0	0
260	259	FEYEN ZYLSTRA LLC, Grand Rapids, Mich.	E	99.4	100.8	60	20	0	0	0	0	20	0	0	0	0	0	0	0	0	0
261	255	THE TRI-M GROUP LLC, Kennett Square, Pa. ²⁶¹	E/M/U	99.0	92.3	57	30	7	0	0	6	0	0	0	0	0	0	0	0	0	0
262	290	KOVACH BUILDING ENCLOSURES, Chandler, Ariz.	SH/G	98.5	93.1	90	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0
263	266	HUMPHREY & ASSOCIATES INC., Carrollton, Texas	E/M	98.4	98.4	85	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
264	309	KIMBEL MECHANICAL SYSTEMS INC., Fayetteville, Ark.	M	97.8	100.3	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
265	267	DELTA DIVERSIFIED ENTERPRISES INC., Tempe, Ariz.	E	97.5	125.4	45	40	0	0	0	0	10	5	0	0	0	0	0	0	0	0
266	262	QUESTMARK, A DIVISION OF CENTIMARK CORP., Canonsburg, Pa. ²⁶⁶	O	96.1	85.3	50	25	0	0	0	0	25	0	0	0	0	0	0	0	0	0
267	329	FRANK M. BOOTH INC., Marysville, Calif.	M	96.0	100.6	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
268	292	G.M. MCCROSSIN INC., Bellefonte, Pa.	C/M/X	96.0	81.1	0	0	15	10	45	30	0	0	0	0	0	0	0	0	0	0
269	236	LANDMARK CONSTRUCTION CO., North Charleston, S.C.	X.C.	94.9	64.2	14	56	0	0	8	0	22	0	0	0	0	0	0	0	0	0
270	271	ACE ELECTRIC INC., Valdosta, Ga.	E	94.7	51.6	50	40	0	0	0	0	5	0	0	0	0	0	0	0	0	5
271	258	CHARTER MECHANICAL, Portland, Ore.	M	94.6	119.5	30	65	0	0	1	4	0	0	0	0	0	0	0	0	0	0
272	286	OIL CAPITAL ELECTRIC, Broken Arrow, Okla.	E/M/SH	94.4	74.0	55	20	0	10	15	0	0	0	0	0	0	0	0	0	0	0
273	244	W.G. TOMKO INC., Finleyville, Pa. ²⁷³	M/O	94.3	116.1	90	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
274	**	SELECT DEMO SERVICES LLC, Salem, N.H.	D	94.0	94.0	50	0	0	0	0	0	10	40	0	0	0	0	0	0	0	0
275	310	WEIFIELD GROUP CONTRACTING, Centennial, Colo.	E	93.5	78.8	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
276	**	CONSTRUCTION & TURNAROUND SERVICES, Tulsa, Okla. ²⁷⁶	M/O	93.2	84.6	0	0	3	0	0	97	0	0	0	0	0	0	0	0	0	0
277	276	ENTERPRISE PROPERTIES INC., Omaha, Neb.	C	93.0	96.5	70	0	0	18	2	0	10	0	0	0	0	0	0	0	0	0
278	280	BIERLEIN COS. INC., Midland, Mich.	D	92.5	NA	10	20	60	0	0	10	0	0	0	0	0	0	0	0	0	0
279	221	ARCHITECTURAL GLASS & ALUMINUM, Livermore, Calif.	G	92.0	126.0	86	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0
280	301	BEL-AIRE MECHANICAL INC., Phoenix, Ariz.	M	91.5	74.9	92	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
281	349	FLY & FORM STRUCTURES INC., Atlanta, Ga.	C	91.5	66.9	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
282	299	SERETTA CONSTRUCTION INC., Apopka, Fla.	C	91.4	91.4	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
283	275	J.M. BRENNAN INC., Milwaukee, Wis.	M	91.3	41.1	80	10	0	0	0	10	0	0	0	0	0	0	0	0	0	0
284	260	UNIVERSAL BUILDERS SUPPLY, New Rochelle, N.Y. ²⁸⁴	O	90.0	80.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
285	251	DUCCI ELECTRICAL CONTRACTORS INC., Farmington, Conn.	E	88.9	139.4	50	0	0	0	0	0	45	0	0	0	0	0	0	0	0	5
286	317	OKLAHOMA ELECTRICAL SUPPLY CO. (ESCO), Oklahoma City, Okla.	E	88.1	93.7	52	0	22	0	0	3	0	0	23	0	0	0	0	0	0	0
287	285	JRCRUZ CORP., Aberdeen, N.J.	U/X	87.6	177.5	5	0	0	35	60	0	0	0	0	0	0	0	0	0	0	0
288	**	MCM MANAGEMENT CORP., Bloomfield Hills, Mich.	D	87.5	75.0	30	0	0	0	0	50	0	0	20	0	0	0	0	0	0	0
289	273	IORE & SONS INC., Denver, Colo.	X	87.2	83.4	75	0	5	17	0	0	2	0	0	0	0	0	0	0	0	0
290	340	BUIST ELECTRIC INC., Byron Center, Mich.	E	87.0	41.3	40	40	0	0	0	10	0	0	10	0	0	0	0	0	0	10
291	**	SCHWOB ENERGY SERVICES LLC, Dallas, Texas	M/C/E	87.0	93.0	0	0	0	0	5	90	0	0	0	5	0	0	0	0	0	0
292	295	TRAFFIC CONTROL DEVICES INC., Altamonte Springs, Fla.	E	85.5	61.5	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0
293	303	BROADWAY ELECTRIC INC., Elk Grove Village, Ill.	E	85.4	94.2	70	5	0	0	0	0	15	5	0	0	0	0	0	0	0	5
294	330	MARTIN PETERSEN CO. INC., Kenosha, Wis.	M	85.4	88.0	60	20	0	0	0	20	0	0	0	0	0	0	0	0	0	0
295	257	MCCARL'S LLC, Beaver Falls, Pa.	M	85.2	109.9	5	5	25	0	0	65	0	0	0	0	0	0	0	0	0	0
296	313	J. RANCK ELECTRIC, Mt. Pleasant, Mich.	E	84.8	54.6	12	0	25	0	0	23	40	0	0	0	0	0	0	0	0	0
297	368	WHITE ELECTRICAL CONSTRUCTION CO., Atlanta, Ga.	E	84.7	102.2	5	20	30	0	0	35	0	0	10	0	0	0	0	0	0	10
298	282	UNITED FORMING INC., Austell, Ga.	C	83.6	65.6	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
299	279	ELLINGSON COS., West Concord, Minn. ²⁹⁹	U/O	83.0	95.0	0	0	0	10	10	40	0	0	0	0	0	0	0	0	0	10
300	348	PITTSBURG TANK & TOWER GROUP INC., Henderson, Ky. ³⁰⁰	ST/P/O	82.6	93.4	18	5	20	5	0	25	2	0	25	0	0	0	0	0	0	0

FOOTNOTES: ²⁵³=AGRICULTURE; ³⁰⁰=INSULATION; ²⁵⁶=SPECIATL WORK; ²⁶⁰=TRUCKING/HAUING OF SOILS; ²⁶¹=ELCTRICAL TESTING; ²⁶⁶=ELDORING; ²⁷³=FABRICATION; ²⁷⁶=ELCTRICAL

MARKETS (% OF 2018 REVENUE)

RANK	2019	2018	FIRM	FIRM TYPE	2018 REVENUE (\$ MIL)		GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM.
					TOTAL REVENUE	NEW CONTRACTS									
301	**	301	DELAWARE ELEVATOR INC. , Salisbury, Md. ³⁰¹	O	82.3	132.3	80	20	0	0	0	0	0	0	0
302	300	300	AREA ENERGY & ELECTRIC INC. , Sidney, Ohio	E/M	82.0	40.0	30	35	0	5	0	25	0	0	5
303	332	332	JOHN A. PENNEY CO. INC. , Cambridge, Mass. ³⁰³	E/O	81.9	62.2	100	0	0	0	0	0	0	0	0
304	272	272	MIDWEST DRYWALL CO. INC. , Wichita, Kan.	W	81.5	73.7	99	0	0	0	0	1	0	0	0
305	287	287	POYNTER SHEET METAL , Greenwood, Ind.	SH	81.4	66.2	80	14	0	0	0	3	3	0	0
306	333	333	JAX REFRIGERATION INC. , Jacksonville Beach, Fla.	M	81.3	61.2	0	40	0	0	0	60	0	0	0
307	283	283	BROOKS-BERRY-HAYNIE & ASSOCIATES INC. , Mableton, Ga.	E	80.8	43.0	0	0	0	0	0	0	100	0	0
308	270	270	W.A. CHESTER LLC , Lanham, N.C.	U	80.7	60.0	0	0	100	0	0	0	0	0	0
309	343	343	RICHARD GOETTLE INC. , Cincinnati, Ohio	X	80.7	83.7	20	20	10	10	10	20	10	0	0
310	383	383	J&E COS. , Grand Prairie, Texas	M/W	80.2	99.0	100	0	0	0	0	0	0	0	0
311	305	305	GOYETTE MECHANICAL CO. , Flint, Mich.	M	80.1	72.0	50	20	0	10	0	20	0	0	0
312	350	350	APG , Clearwater, Fla.	E	80.0	80.0	95	0	0	0	0	0	0	0	5
313	556	556	PRISM SPECTRUM HOLDINGS LLC , Export, Pa.	A/D	79.3	67.5	40	0	0	0	0	30	0	30	0
314	325	325	FLAGGER FORCE TRAFFIC CONTROL SERVICES , Hummelstown, Pa. ³¹⁴	O	79.1	79.1	0	0	45	0	0	0	20	0	35
315	235	235	DUNBAR MECHANICAL INC. , Toledo, Ohio ³¹⁵	M/O	78.4	55.0	46	37	3	0	0	14	0	0	0
316	264	264	CORBINS ELECTRIC , Phoenix, Ariz.	E	78.1	87.6	26	58	0	0	3	9	2	2	0
317	344	344	TEC-CORP. , Sioux City, Iowa	E	78.1	78.1	48	25	5	0	1	20	0	0	1
318	367	367	APEX IMAGING SERVICES , Pomona, Calif. ³¹⁸	W/P/O	78.0	78.0	100	0	0	0	0	0	0	0	0
319	398	398	MID-CITY ELECTRIC/TECHNOLOGIES , Westerville, Ohio ³¹⁹	E/O	78.0	78.0	65	15	0	0	0	5	0	0	15
320	265	265	HYPOWER INC. , Fort Lauderdale, Fla.	E	77.1	71.0	60	0	10	0	0	0	10	0	20
321	274	274	BAYSIDE INTERIORS INC. , Fremont, Calif.	W	76.2	87.0	100	0	0	0	0	0	0	0	0
322	490	490	NSC , Plymouth, Mich.	ST	76.0	44.0	0	0	100	0	0	0	0	0	0
323	296	296	HI-TECH ELECTRIC INC. , Houston, Texas	E	76.0	115.0	95	0	0	0	0	0	0	0	5
324	307	307	STARK EXCAVATING INC. , Bloomington, Ill. ³²⁴	C/O/U	75.8	82.0	27	2	0	5	5	0	57	0	0
325	331	331	RACHEL CONTRACTING , St. Michael, Minn.	X/D	75.7	72.6	61	0	10	8	1	19	1	0	0
326	**	326	THE DIGESARE GROUP , Schenectady, N.Y.	M/F	75.5	65.0	100	0	0	0	0	0	0	0	0
327	377	377	PERLECTRIC INC. , Fairfax, Va.	E	74.7	52.1	100	0	0	0	0	0	0	0	0
328	362	362	TJ WIES CONTRACTING INC. , Lake St. Louis, Mo.	W	73.9	82.7	100	0	0	0	0	0	0	0	0
329	463	463	MEISNER ELECTRIC INC. , Delray Beach, Fla.	E	73.1	53.9	87	5	0	0	0	5	0	0	3
330	342	342	SCHREIBER CORP. , Wixom, Mich.	R	73.0	76.0	5	75	5	0	0	15	0	0	0
331	345	345	SDB CONTRACTING SERVICES , Tempe, Ariz. ³³¹	E/M/W	73.0	NA	45	35	0	0	0	5	5	0	10
332	293	293	DOUGLASS COLONY GROUP , Commerce City, Colo.	R/SH	72.7	93.2	100	0	0	0	0	0	0	0	0
333	365	365	KPOST CO. , Dallas, Texas ³³³	R	71.8	48.3	95	5	0	0	0	0	0	0	0
334	438	438	TILSON TECHNOLOGY MANAGEMENT INC. , Portland, Maine ³³⁴	O	71.4	95.0	0	0	0	0	0	0	2	0	83
335	347	347	SCHLOUCH INC. , Blandon, Pa. ³³⁵	X/O	71.1	136.2	57	1	0	7	18	0	17	0	0
336	369	369	BARNUM & CELILLO ELECTRIC INC. , Sacramento, Calif.	E	70.8	84.3	70	0	0	0	0	0	0	0	0
337	386	386	INDUSTRIAL POWER SYSTEMS INC. , Rossford, Ohio	ME	70.4	120.0	0	30	10	0	0	60	0	0	0
338	389	389	MILLER INSULATION CO. INC. , Bismarck, N.D. ³³⁸	O	70.2	45.5	23	0	0	0	0	77	0	0	0
339	321	321	GAINES & CO. , Reisterstown, Md.	U/X	70.1	72.5	82	0	0	15	3	0	0	0	0
340	320	320	A-C ELECTRIC CO. , Bakersfield, Calif.	E	68.9	84.6	38	0	0	2	8	20	10	0	3
341	450	450	MKD ELECTRIC , Elgin, Ill.	E	67.8	81.0	25	35	0	0	0	40	0	0	0
342	298	298	SHAW ELECTRIC CO. , Southfield, Mich.	E	67.6	64.2	30	25	5	0	10	0	5	0	25
343	335	335	INTEGRATED FACILITY SERVICES INC. , Fenton, Mo.	M/SH	67.0	48.2	87	13	0	0	0	0	0	0	0
344	322	322	PIONEER CLADDING & GLAZING SYSTEMS INC. , Mason, Ohio	G	66.0	117.4	100	0	0	0	0	0	0	0	0
345	341	341	HEMMA CONCRETE INC. , Marietta, Ga.	C	65.5	64.4	100	0	0	0	0	0	0	0	0
346	409	409	DUNN BUILDING CO. LLC , Birmingham, Ala.	ST/C/R	65.4	40.0	10	50	20	0	0	20	0	0	0
347	464	464	HACI MECHANICAL CONTRACTORS INC. , Phoenix, Ariz.	M	65.4	66.3	75	23	0	0	2	0	0	0	0
348	393	393	THE ROOF DEPOT INC. , Roswell, Ga.	R	65.3	52.6	100	0	0	0	0	0	0	0	0
349	516	516	CB STRUCTURES , Pompano Beach, Fla.	C	65.0	50.0	100	0	0	0	0	0	0	0	0
350	339	339	THE SYSTEMS GROUP INC. , El Dorado, Ark. ³⁵⁰	M/Q/D	64.9	85.3	0	10	5	0	0	85	0	0	0

RANK	2019 FIRM	FIRM TYPE	2018 REVENUE (\$ MIL)		MARKETS (% OF 2018 REVENUE)									
			TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM.	
351	359 CJ DRILLING INC. , Dundee, Ill.	X	64.8	92.2	8	0	79	0	0	0	13	0	0	0
352	** NETWORK INFRASTRUCTURE INC. , Hempstead, N.Y.	U	64.2	68.6	0	0	22	0	0	30	0	0	48	
353	403 TRINITY DRYWALL AND PLASTERING SYSTEMS LP , Fort Worth, Texas ³⁵³	W/O	63.9	56.0	100	0	0	0	0	0	0	0	0	0
354	358 TAYLOR ELECTRIC INC. , Salt Lake City, Utah	E	63.7	27.4	88	0	0	0	0	0	3	0	9	
355	371 RUSTON PAVING CO. INC. , Durham, N.C. ³⁵⁵	O	62.7	63.7	90	10	0	0	0	0	0	0	0	0
356	352 BONLAND INDUSTRIES INC. , Wayne, N.J.	SH	62.5	44.7	77	8	0	0	0	0	0	0	15	
357	** PRT , Hemet, Calif.	ST/P	62.5	71.5	0	0	0	88	0	12	0	0	0	0
358	432 INTEX ELECTRICAL CONTRACTORS INC. , Forney, Texas	E	62.1	40.9	70	30	0	0	0	0	0	0	0	0
359	312 BOUDREAU PIPELINE CORP. , Corona, Calif.	U	62.1	55.2	100	0	0	0	0	0	0	0	0	0
360	401 GREGORY ELECTRIC CO. INC. , Columbia, S.C.	E	61.8	71.2	25	15	40	5	5	10	0	0	0	0
361	473 CENTRAL CEILINGS INC. , S. Easton, Mass.	W	61.5	62.9	100	0	0	0	0	0	0	0	0	0
362	372 SWANSON & YOUNGDALE INC. , Minneapolis, Minn.	PAW	61.5	57.5	81	1	12	0	0	5	0	0	0	0
363	384 LATITE ROOFING LLC , Pompano Beach, Fla.	R	61.5	75.3	100	0	0	0	0	0	0	0	0	0
364	346 THORNE ASSOCIATES INC. , Chicago, Ill.	W	61.3	49.3	100	0	0	0	0	0	0	0	0	0
365	375 THE BULLDOG GROUP INC. , Winston-Salem, N.C.	R	60.9	68.2	80	20	0	0	0	0	0	0	0	0
366	410 K.R. SWERDFEGER CONSTRUCTION INC. , Pueblo West, Colo.	U	60.6	64.1	5	0	0	25	25	40	5	0	0	0
367	571 ESA/1 PRIORITY , Commerce City, Colo.	A	60.4	55.0	10	0	20	0	0	30	10	30	0	0
368	425 ACTION ELECTRICAL & MECHANICAL CONTRACTORS , Atlanta, Ga.	E/M/SH	60.1	62.1	4	90	0	0	0	6	0	0	0	0
369	** KIMMINS CONTRACTING CORP. , Tampa, Fla.	U/D	60.1	108.0	15	0	10	20	20	15	20	0	0	0
370	376 CLEVELAND CEMENT CONTRACTORS INC. , Cleveland, Ohio	C	59.8	52.5	75	20	0	0	5	0	0	0	0	0
371	381 UNISTRUT CONSTRUCTION , Addison, Ill.	W	59.6	54.1	100	0	0	0	0	0	0	0	0	0
372	337 TSI CORP. , Upper Marlboro, Md. ³⁷²	G/O	58.8	45.0	100	0	0	0	0	0	0	0	0	0
373	297 ALAKA'I MECHANICAL CORP. , Honolulu, Hawaii	M	58.8	58.3	100	0	0	0	0	0	0	0	0	0
374	** CAID INDUSTRIES INC. , Tucson, Ariz. ³⁷⁴	SH/M/O	58.6	41.0	0	34	0	0	0	10	0	0	0	0
375	418 WASHINGTON IRONWORKS , Gardena, Calif. ³⁷⁵	O	58.4	54.6	100	0	0	0	0	0	0	0	0	0
376	388 GREINER ELECTRIC LLC , Littleton, Colo.	E	58.3	47.4	100	0	0	0	0	0	0	0	0	0
377	385 PREMIER ELECTRICAL CORP. , Brooklyn Park, Minn.	E	58.2	65.0	30	5	5	0	10	5	35	0	10	
378	** CROSBY-BROWNLEE INC. , Rochester, N.Y.	M	58.1	49.8	60	10	0	5	5	20	0	0	0	0
379	378 SUN VALLEY MASONRY INC. , Phoenix, Ariz.	MA	57.7	57.7	100	0	0	0	0	0	0	0	0	0
380	428 EDGERTON CONTRACTORS INC. , Oak Creek, Wis.	X	57.7	65.8	49	0	18	0	1	0	32	0	0	0
381	501 FRISCHHERTZ ELECTRIC CO. INC. , New Orleans, La.	E	56.7	48.4	76	17	0	0	0	0	0	0	0	7
382	294 GROUP BUILDERS INC. , Honolulu, Hawaii	W	56.2	77.7	100	0	0	0	0	0	0	0	0	0
383	400 WESTERN ALLIED CORP. , Santa Fe Springs, Calif.	M	56.0	60.0	97	2	0	0	0	1	0	0	0	0
384	353 DANT CLAYTON , Louisville, Ky. ³⁸⁴	O/ST	55.4	60.5	0	0	0	0	0	0	0	0	0	0
385	404 FLORENCE ELECTRIC LLC , Canton, Mass.	E	55.0	60.0	100	0	0	0	0	0	0	0	0	0
386	406 GENERAL SHEET METAL , Clackamas, Ore.	M/SH	54.8	72.0	85	5	0	0	0	10	0	0	0	0
387	319 CANNON & WENDT ELECTRIC CO. INC. , Phoenix, Ariz.	E	54.3	43.8	90	0	0	0	0	0	10	0	0	0
388	453 JERRY THOMPSON & SONS , San Rafael, Calif.	P	54.0	39.0	100	0	0	0	0	0	0	0	0	0
389	363 SOWLES CO. , Shakopee, Minn.	ST	53.8	41.8	50	10	0	0	0	40	0	0	0	0
390	412 A&R MECHANICAL CONTRACTORS INC. , Urbana, Ill. ³⁹⁰	M/SH	53.8	60.6	99	1	0	0	0	0	0	0	0	0
391	452 BUESING CORP. , Phoenix, Ariz. ³⁹¹	X/O	53.7	32.6	72	2	0	7	9	0	5	0	0	0
392	360 MENARD GROUP USA , Carnegie, Pa.	X	52.9	69.1	33	1	1	1	1	35	28	0	0	0
393	394 AREA ERECTORS INC. , Rockford, Ill.	ST	52.5	57.4	80	10	0	0	5	5	0	0	0	0
394	** SUPERIOR RIGGING & ERECTING CO. INC. , Atlanta, Ga. ³⁹⁴	ST/O	52.3	46.7	60	15	0	0	0	5	20	0	0	0
395	413 UNITED CHESTER INDUST. INC. , DBA UNITED MECHANICAL, Dallas, Texas	M	52.0	31.0	30	30	0	0	0	10	0	0	30	
396	431 ASCHER BROTHERS CO. INC. , Chicago, Ill.	P	52.0	52.0	100	0	0	0	0	0	0	0	0	0
397	420 W.D. MANOR MECHANICAL CONTRACTORS INC. , Phoenix, Ariz.	M/SH	52.0	60.0	80	20	0	0	0	0	0	0	0	0
398	462 ARCHITECTURAL WALL SYSTEMS LLC , Des Moines, Iowa	G	52.0	46.2	100	0	0	0	0	0	0	0	0	0
399	445 INTERSTATE MECHANICAL CORP. DBA IMCOR , Phoenix, Ariz. ³⁹⁹	M/SH	52.0	33.3	67	4	0	0	0	0	29	0	0	0
400	395 JOHNSON AND JORDAN INC. , Scarborough, Maine	M	51.5	30.5	97	0	0	0	3	0	0	0	0	0

FOOTNOTES: 353=PLASTER; 355=ASPHALT & SURFACE WORK; 372=METAL PANES; 374=AUTOMATION; 375=MISC. & ORNAMENTAL METALS/FAB AND INSTAL.; 384=DESIGN AND MANUFACTURING OF PRODUCTS; 390=PLUMBING; 391=SHORING, CRUSHING, SHOTCRETE; 394=CRANE RENTAL/RIGGING; 399=PLUMBING.

RANK	2019	2018 FIRM	FIRM TYPE	MARKETS (% OF 2018 REVENUE)										
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM.
401	456	HELLER ELECTRIC CO. INC. , Brandywine, Md.	E	51.3	42.3	95	0	0	0	0	0	0	0	5
402	427	ASSOCIATED MECHANICAL CONTRACTORS INC. , Shakopee, Minn.	M	51.3	67.9	100	0	0	0	0	0	0	0	0
403	435	TERRY'S ELECTRIC INC. , Kissimmee, Fla.	E/U	51.1	52.9	78	0	15	0	0	0	7	0	0
404	478	MILLERCLAPPERTON , Austell, Ga.	W	51.1	43.1	100	0	0	0	0	0	0	0	0
405	469	PATRIOT ERECTORS LLC , Dripping Springs, Texas	ST	51.1	97.6	100	0	0	0	0	0	0	0	0
406	364	AVALOTIS CORP. , Verona, Pa.	P	51.0	22.0	0	20	20	0	0	40	20	0	0
407	446	PHILIPS BROTHERS ELECTRICAL CONTRACTORS INC. , Glenmoore, Pa.	E	50.9	24.4	30	5	15	5	25	10	10	0	0
408	461	COMPREHENSIVE ENERGY SERVICES INC. , Longwood, Fla.	M	50.8	56.6	100	0	0	0	0	0	0	0	0
409	304	FOUNDATION CONTRACTORS INC. , Oakley, Calif.	X	50.7	52.0	75	0	2	0	5	0	18	0	0
410	366	R.W. WARNER INC. , Frederick, Md.	M	50.6	42.8	100	0	0	0	0	0	0	0	0
411	482	CLEARY CONSTRUCTION INC. , Tompkinsville, Ky.	U	50.5	35.5	0	0	0	46	44	10	0	0	0
412	417	INTERNATIONAL ASBESTOS REMOVAL INC. , Babylon, N.Y. ⁴¹²	A/O	50.5	60.0	50	0	0	0	0	0	0	50	0
413	407	SUNWEST ELECTRIC INC. , Anaheim, Calif.	E	50.1	62.6	85	10	0	0	0	5	0	0	0
414	497	DORAL CORP. , Milwaukee, Wis. ⁴¹⁴	O/M/SH	50.0	50.0	0	80	0	0	10	10	0	0	0
415	**	WARD ELECTRIC CO. INC. , Longmont, Colo.	E	50.0	61.0	2	0	96	0	0	1	0	0	2
416	399	TRUESDELL CORP. , Tempe, Ariz. ⁴¹⁶	O	49.7	57.5	20	0	0	0	0	0	80	0	0
417	**	XCEL MECHANICAL SYSTEMS INC. , Gardena, Calif.	M	49.5	63.0	100	0	0	0	0	0	0	0	0
418	433	ACOUSTIC CEILING AND PARTITION CO. , Ann Arbor, Mich.	W	49.3	43.2	96	4	0	0	0	0	0	0	0
419	**	SCHWAGER DAVIS INC. , San Jose, Calif. ⁴¹⁹	O	49.1	50.1	3	0	0	0	0	0	97	0	0
420	430	GEO-SOLUTIONS INC. , New Kensington, Pa. ⁴²⁰	O	49.1	60.0	0	0	0	0	0	0	0	100	0
421	354	DANNY'S CONSTRUCTION CO. LLC , Shakopee, Minn.	ST	48.9	75.8	53	0	0	1	0	0	46	0	0
422	397	GSL ELECTRIC , Sandy, Utah	E	48.9	45.1	70	0	5	0	0	15	0	0	10
423	477	CSE INC. , Madison Heights, Va.	ST	48.8	32.3	45	25	0	0	0	30	0	0	0
424	392	HODESS CLEANROOM CONSTRUCTION , North Attleboro, Mass. ⁴²⁴	O	48.6	43.8	10	90	0	0	0	0	0	0	0
425	**	ELY CONCRETE CONSTRUCTION , Cartersville, Ga.	C	48.6	30.0	80	0	0	0	0	0	20	0	0
426	415	KOONTZ ELECTRIC CO. INC. , Morrilton, Ark.	E	48.6	56.2	4	2	43	41	0	6	4	0	0
427	553	HARRISON CONTRACTING CO. , Villa Rica, Ga.	P	48.5	49.4	90	10	0	0	0	0	0	0	0
428	451	ACME CONTRACTORS INC. , St. Louis, Mo.	M/ST	48.2	46.7	1	84	15	0	0	0	0	0	0
429	374	JDC DEMOLITION CO. INC. , Boston, Mass.	D	48.2	24.0	80	0	0	0	0	20	0	0	0
430	387	GIROUX GLASS INC. , Los Angeles, Calif.	G	48.0	63.0	95	0	0	0	0	0	5	0	0
431	449	ARC ABATEMENT , Waco, Texas	A	47.8	56.7	0	0	0	0	0	0	0	88	0
432	455	DEE CRAMER INC. , Holly, Mich.	SH	47.5	32.5	80	20	0	0	0	0	0	0	0
433	436	ASCHINGER ELECTRIC CO. , Fenton, Mo.	E	47.3	57.0	55	0	10	5	0	10	10	0	10
434	444	SPACECON SPECIALTY CONTRACTORS , Colorado Springs, Colo.	W	47.0	47.0	80	3	0	0	2	0	15	0	0
435	**	BOUMA CORP. , Grand Rapids, Mich.	W	46.8	41.8	90	10	0	0	0	0	0	0	0
436	421	CULLUM MECHANICAL CONSTRUCTION INC. , North Charleston, S.C.	M	46.8	55.2	60	40	0	0	0	0	0	0	0
437	355	FERGUSON TRENCHING CO. , Plainville, Conn.	M/E	46.7	46.3	100	0	0	0	0	0	0	0	0
438	405	OTTO BAUM CO. INC. , Morton, Ill.	MA	46.7	38.0	85	0	0	0	5	0	10	0	0
439	448	BEARD CONSTRUCTION GROUP LLC , Port Allen, La.	X	46.3	38.1	0	0	2	0	0	66	32	0	0
440	459	SIERRA PACIFIC WEST INC. , Vista, Calif.	X/D	46.3	39.7	85	0	0	0	0	0	15	0	0
441	470	PRECISION ENVIRONMENTAL CO. , Independence, Ohio	A	46.2	49.3	0	0	0	0	0	0	0	100	0
442	361	SUPERIOR GUNITE , Lakeview Terrace, Calif.	C	45.7	32.2	47	0	0	25	1	0	20	0	0
443	471	THOMARIOS , Akron, Ohio ⁴⁴³	P/A	45.7	52.7	40	0	15	0	0	0	15	0	0
444	**	C3M POWER SYSTEMS LLC , Capitol Heights, Md.	E	45.6	71.3	6	0	0	0	0	0	94	0	0
445	**	ADAMO GROUP INC. , Detroit, Mich.	D	45.6	30.8	30	28	15	0	1	8	3	15	0
446	513	AJAY GLASS CO. , Canandaigua, N.Y.	G	45.3	62.5	85	0	0	0	0	0	15	0	0
447	**	HIS CONTRACTORS INC. , Indianapolis, Ind. ⁴⁴⁷	O/C/X	45.0	34.9	0	0	0	0	25	0	25	50	0
448	419	HALEY-GREER INC. , Dallas, Texas	G	45.0	45.0	100	0	0	0	0	0	0	0	0
449	505	BECKSTROM ELECTRIC , Purcellville, Va.	E	44.7	32.3	100	0	0	0	0	0	0	0	0
450	457	TARLTON AND SON INC. , Fresno, Calif. ⁴⁵⁰	W/O	44.0	68.0	20	0	0	0	5	0	0	0	0

RANK 2019	FIRM 2018	FIRM	FIRM TYPE	2018 REVENUE (\$ MIL)												MARKETS (% OF 2018 REVENUE)					
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING		MANUFACTURING		POWER		WATER SUPPLY		SEWER / WASTE		INDUS. / PETROLEUM		TRANSPORTATION		HAZARDOUS WASTE	
451	486	GRAYDAZE CONTRACTING INC., Alpharetta, Ga.	P	43.8	45.0	92	8	0	0	0	0	0	0	0	0	0	0	0	0		
452	**	1901 INC., Madison, Wis.	M/SH	43.8	NA	85	10	0	0	0	0	5	0	0	0	0	0	0	0		
453	491	RHP MECHANICAL SYSTEMS, Reno, Nev.	M	43.3	27.3	75	25	0	0	0	0	0	0	0	0	0	0	0	0		
454	483	THE GEORGE D. ALAN CO., Grand Prairie, Texas ⁴⁵⁴	O	43.2	44.3	75	10	0	0	2	5	8	0	0	0	0	0	0	0		
455	373	CASTLE CONTRACTING LLC, Webster Groves, Mo. ⁴⁵⁵	O	42.8	45.5	74	0	4	0	0	0	21	1	0	0	0	0	0	0		
456	429	FOUNTAIN CONSTRUCTION CO. INC., Jackson, Miss. ⁴⁵⁶	O/M/E	42.2	54.9	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
457	565	GRAHAM COUNTY LAND CO. LLC, Robbinsville, N.C. ⁴⁵⁷	X/C	42.0	50.0	0	0	0	0	0	0	50	0	0	0	0	0	0	0		
458	547	ACME ELECTRIC CO., Lubbock, Texas	E	42.0	76.9	65	0	0	0	35	0	0	0	0	0	0	0	0	0		
459	**	TOTAL CIVIL CONSTRUCTION, Lanham, Md.	X	41.2	56.1	74	0	0	0	0	0	26	0	0	0	0	0	0	0		
460	458	IMS MASONRY INC., Lindon, Utah	MA	41.1	37.4	91	0	0	0	2	5	2	0	0	0	0	0	0	0		
461	503	PALMETTO AUTOMATIC SPRINKLER, West Columbia, S.C.	F	40.9	30.3	25	60	0	0	0	10	5	0	0	0	0	0	0	0		
462	466	WAYNE'S ROOFING INC., Sumner, Wash.	R	40.8	39.9	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
463	493	SHELLEY ELECTRIC INC., Wichita, Kan.	E	40.7	30.0	30	30	0	0	27	7	4	0	2	0	0	0	0	0		
464	526	APEX STEEL INC., Kirkland, Wash. ⁴⁶⁴	ST/O	40.7	50.8	98	0	0	0	2	0	0	0	0	0	0	0	0	0		
465	479	PETERSON MECHANICAL INC., Sonoma, Calif.	M	40.4	39.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
466	416	ORNDORFF & SPAID INC., Beltsville, Md.	R/SH	40.3	39.0	85	8	0	0	0	7	0	0	0	0	0	0	0	0		
467	**	DEL MONTE ELECTRIC CO., Dublin, Calif.	E	40.2	37.7	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
468	524	KARSTEN INTERIOR SERVICES, Houston, Texas	W	40.0	30.0	73	12	0	0	0	15	0	0	0	0	0	0	0	0		
469	499	O.C. MCDONALD CO., San Jose, Calif. ⁴⁶⁹	M/SH	40.0	46.0	30	10	0	0	0	60	0	0	0	0	0	0	0	0		
470	454	NORTH AMERICAN DISMANTLING CORP., Lapeer, Mich.	D	40.0	24.0	10	20	60	0	0	5	0	5	0	0	0	0	0	0		
471	437	ADRIAN L. MERTON INC., Capitol Heights, Md.	M	39.5	42.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
472	**	LAFAYETTE METAL & GLASS CO., Hauppauge, N.Y. ⁴⁷²	G	39.5	29.6	73	0	0	0	0	0	5	0	0	0	0	0	0	0		
473	522	ADVANCETEC LLC, Richmond, Va. ⁴⁷³	O	39.5	43.2	0	75	0	0	0	25	0	0	0	0	0	0	0	0		
474	521	KASSELMAN ELECTRIC CO. INC., Menands, N.Y.	E	39.3	44.7	65	25	0	0	0	0	0	0	0	0	0	0	0	10		
475	504	THOMAS INDUSTRIAL COATINGS INC., Pevely, Mo.	P	38.8	46.1	5	10	5	20	5	35	20	0	0	0	0	0	0	0		
476	439	MID ATLANTIC MECHANICAL INC., Newtown Square, Pa.	M	38.5	34.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
477	496	JOHN SMITH MASONRY, St. Louis, Mo.	MA	38.5	38.5	84	5	0	0	1	5	5	0	0	0	0	0	0	0		
478	**	FERGUSON TRENCHING CO., Odenton, Md.	U/X	38.4	12.0	75	0	0	15	10	0	0	0	0	0	0	0	0	0		
479	467	INTERNATIONAL CHIMNEY CORP., Williamsville, N.Y. ⁴⁷⁹	C/M/A/D	38.3	43.1	7	5	36	5	3	32	2	5	5	0	0	0	0	0		
480	518	CANTERA CONCRETE CO. LLC, Tulsa, Okla.	C	38.3	43.2	75	10	0	0	0	15	0	0	0	0	0	0	0	0		
481	541	WASCO INC., Nashville, Tenn.	MA	38.2	36.5	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
482	485	FENTON RIGGING & CONTRACTING, Cincinnati, Ohio ⁴⁸²	O/C/ST	38.1	38.1	0	35	15	0	0	20	30	0	0	0	0	0	0	0		
483	**	RED CEDAR STEEL ERECTORS INC., Menomonie, Wis.	ST	38.0	38.0	85	0	0	0	0	0	15	0	0	0	0	0	0	0		
484	566	DEE BROWN INC., Dallas, Texas	MA	37.5	32.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
485	**	SENTINEL SAFETY & SECURITY GROUP LLC, Port Washington, Wis.	F	37.5	25.8	60	20	0	0	0	20	0	0	0	0	0	0	0	0		
486	500	RKS PLUMBING AND MECHANICAL INC., Glendale, Ariz.	M	37.0	36.0	80	10	0	0	10	0	0	0	0	0	0	0	0	0		
487	535	WIEGMANN ASSOCIATES, St. Charles, Mo.	M	37.0	39.1	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
488	**	BRAZOS MASONRY INC., Woodway, Texas	MA	36.7	39.0	70	10	0	0	0	5	15	0	0	0	0	0	0	0		
489	495	ATLANTIC ELECTRIC LLC, North Charleston, S.C.	E	36.4	26.4	21	0	0	0	30	0	49	0	0	0	0	0	0	0		
490	545	BUILDERS PLUS INC., Boynton Beach, Fla.	C	35.8	41.1	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
491	581	ALL STATE CONSTRUCTION INC., Farmington, Conn.	M/X	35.7	34.9	85	0	0	0	15	0	0	0	0	0	0	0	0	0		
492	520	TEXAS SCENIC CO., San Antonio, Texas ⁴⁹²	O	35.7	65.8	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
493	474	GRIFFIN Dewatering, Houston, Texas ⁴⁹³	O	35.6	38.5	45	5	10	20	20	0	0	0	0	0	0	0	0	0		
494	**	ROTOLO CONSULTANTS INC., Slidell, La. ⁴⁹⁴	O	35.5	40.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
495	481	HARTMAN WALSH INDUSTRIAL SERVICES, St. Louis, Mo.	P	35.1	NA	2	5	23	23	10	20	10	5	2	0	0	0	0	0		
496	**	CALIFORNIA SHEET METAL WORKS INC., El Cajon, Calif.	SH	35.0	NA	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
497	514	NICKLE ELECTRICAL COS., Newark, Del.	E	34.8	31.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
498	549	CENTERLINE INC., Palm City, Fla.	U	34.7	28.2	75	0	0	0	0	0	25	0	0	0	0	0	0	0		
499	460	SLACK & CO. CONTRACTING INC., Houston, Texas	U/X	34.5	32.2	50	0	0	0	50	0	0	0	0	0	0	0	0	0		
500	507	AARON ENTERPRISES INC., York, Pa. ⁵⁰⁰	O/X	34.5	22.0	0	0	30	5	15	25	25	0	0	0	0	0	0	0		

FOOTNOTES: 454=WATERPROOFING; 455=CIVIL CONSTRUCTION; 456=MSC. DESIGN/BUILD; 457=HAZARDOUS WASTE; 458=ARCHITECTURAL METAL & GLASS; 473=CLEARROOM/DESIGN/BUILD; 479=HISTORICAL MOVES; 492=STAGE EQUIPMENT; 493=CONSTRUCTION Dewatering; 494=COMMERCIAL LANDSCAPE CONSTRUCTION; 495=INDUSTRIAL MAINTENANCE; 496=TOWER CRANES AND HOISTS; 497=ARCHITECTURAL LANDSCAPE CONSTRUCTION; 498=RIGGING; 499=TECHNOLOGY; 500=AQUATICS & Hardscapes

MARKETS (% OF 2018 REVENUE)

RANK	2019	2018	FIRM	FIRM TYPE	TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM.
501	443		PERRECA ELECTRIC CO. INC. , Newburgh, N.Y.	E	34.1	25.6	10	5	55	0	0	25	0	0	5
502	**		PRO-CRAFT CONSTRUCTION INC. , Redlands, Calif.	MU	34.0	24.5	100	0	0	0	0	0	0	0	0
503	510		GRIIBINS INSULATION CO. INC. , Evansville, Ind. ⁵⁰³	O	34.0	29.4	25	30	25	0	0	20	0	0	0
504	583		INTERIOR CONTRACTORS INC LLC , Arvada, Colo.	W	34.0	36.0	90	10	0	0	0	0	0	0	0
505	528		MARR SCAFFOLDING CO. , South Boston, Mass. ⁵⁰⁵	O	33.9	17.9	85	5	0	0	0	5	5	0	0
506	**		FLOORZ , Denver, Colo. ⁵⁰⁶	O/C/ST	33.5	33.5	100	0	0	0	0	0	0	0	0
507	515		MID-CONTINENTAL RESTORATION CO. INC. , Fort Scott, Kan. ⁵⁰⁷	O/MA	32.7	32.7	100	0	0	0	0	0	0	0	0
508	**		ENVIROCON SYSTEMS INC. , Houston, Texas ⁵⁰⁸	O	32.5	43.0	0	0	0	0	10	80	0	10	0
509	**		DORE & ASSOCIATES CONTRACTING INC. , Bay City, Mich.	D	32.2	26.7	45	10	15	0	0	10	0	20	0
510	551		JOHNSON-DAVIS INC. , Lantana, Fla.	U	32.2	36.6	0	0	0	30	10	0	60	0	0
511	536		GRAZZINI BROTHERS & CO. , Eagan, Minn. ⁵¹¹	O	32.2	19.1	83	2	0	0	0	0	15	0	0
512	555		D.W. NICHOLSON CORP. , Hayward, Calif. ⁵¹²	M/EST	32.1	27.8	15	10	0	0	15	15	45	0	0
513	573		METRO MECHANICAL INC. , Bolton, Miss.	M	32.0	33.0	99	1	0	0	0	0	0	0	0
514	390		NASDI LLC , Woburn, Mass.	D	32.0	32.0	50	0	5	0	0	0	5	40	0
515	498		BELTLINE ELECTRIC CO. INC. , Paducah, Ky.	E	32.0	36.3	16	1	25	0	0	57	0	0	0
516	531		J. CROMPTON ELECTRIC INC. , West Palm Beach, Fla. ⁵¹⁶	O	31.9	34.5	6	0	0	0	0	0	0	0	94
517	519		GEORGE E. MASKER INC. , Oakland, Calif.	P	31.9	35.4	90	0	0	0	0	0	10	0	0
518	502		CENTURY MECHANICAL CONTRACTORS INC. , Fort Worth, Texas	M	31.8	20.9	80	5	0	0	0	15	0	0	0
519	517		TLC DIVERSIFIED , Palmetto, Fla.	MU	31.8	45.5	0	0	0	10	90	0	0	0	0
520	591		RAM ACOUSTICAL CORP. , Beaver Falls, Pa.	W	31.6	26.5	100	0	0	0	0	0	0	0	0
521	600		CR LIGHTING & ELECTRIC INC. , Layton, Utah	E	31.6	41.4	100	0	0	0	0	0	0	0	0
522	476		MKB CONSTRUCTION INC. , Phoenix, Ariz.	W	31.3	45.7	90	5	0	0	0	5	0	0	0
523	539		TWC CONCRETE SERVICES LLC , Cincinnati, Ohio	C	31.1	31.1	35	20	0	0	0	0	45	0	0
524	534		HOOVER CONSTRUCTION CO. , Virginia, Minn. ⁵²⁴	X/O	31.0	31.0	10	0	10	0	0	60	20	0	0
525	548		SEEDORFF MASONRY INC. , Strawberry Point, Iowa	MA	30.8	25.6	100	0	0	0	0	0	0	0	0
526	592		W.B. GUIMARIN & CO. INC. , Columbia, S.C.	M	30.7	22.2	80	20	0	0	0	0	0	0	0
527	550		DURR HEAVY CONSTRUCTION LLC , Harahan, La.	X/D/U	30.6	34.5	70	0	0	0	0	0	30	0	0
528	509		SPECIALTY FINISHES INC. , Atlanta, Ga.	P	30.6	27.5	80	0	0	0	0	0	20	0	0
529	494		ROOFING SOLUTIONS LLC , Prairieville, La.	R/SH	30.6	32.0	100	0	0	0	0	0	0	0	0
530	440		DESERT MECHANICAL INC. , Sylmar, Calif. ⁵³⁰	M/SH	30.5	5.9	50	0	0	0	0	0	50	0	0
531	570		ASSOCIATED MECHANICAL CONTRACTORS INC. , Montgomery, Ala. ⁵³¹	M/O	30.3	27.1	60	20	0	0	20	0	0	0	0
532	544		BEACON PIPING CO. , Canton, Mass.	M	30.0	45.1	12	8	50	0	0	12	18	0	0
533	**		THE BERG CORP. , Baltimore, Md.	D	30.0	35.0	100	0	0	0	0	0	0	0	0
534	511		KING OF TEXAS ROOFING CO. LP , Grand Prairie, Texas	R	30.0	32.0	90	10	0	0	0	0	0	0	0
535	380		ALFRED MILLER CONTRACTING , Lake Charles, La. ⁵³⁵	F/O	30.0	20.1	0	0	0	0	0	100	0	0	0
536	**		LEED ELECTRIC INC. , Santa Fe Springs, Calif.	E	30.0	23.0	0	0	0	22	57	6	0	15	0
537	475		UNITED RIGGERS AND ERECTORS INC. , Walnut, Calif.	M/ST/C	29.8	20.8	10	20	10	0	20	40	0	0	0
538	488		LONG PAINTING CO. , Kent, Wash.	P	29.7	30.5	46	14	6	8	4	18	2	2	0
539	391		CONCRETE PROTECTION & RESTORATION INC. , Baltimore, Md.	C	29.7	38.3	0	0	0	0	0	95	5	0	0
540	558		NEW ROADS ENVIRONMENTAL SERVICES , Brockton, Mass.	A	29.0	NA	0	0	0	0	0	0	0	100	0
541	525		O'ROURKE WRECKING CO. , Cincinnati, Ohio	D	29.0	30.1	30	10	30	0	0	30	0	0	0
542	468		CRAWFORD TRACEY CORP. , Deerfield Beach, Fla.	G	28.8	40.2	100	0	0	0	0	0	0	0	0
543	575		PERSONS SERVICES CORP. , Alabama, Ala. ⁵⁴³	U/O/M	28.6	34.6	10	20	0	20	10	30	0	0	0
544	557		VIDIMOS INC. , East Chicago, Ind.	SH	28.6	28.6	0	40	5	0	0	55	0	0	0
545	**		SOEP PAINTING CORP. , Lawrence, Mass. ⁵⁴⁵	P	28.5	29.1	90	0	0	0	10	0	0	0	0
546	552		COMMERCIAL ROOFERS INC. , Las Vegas, Nev. ⁵⁴⁶	R	28.1	28.1	100	0	0	0	0	0	0	0	0
547	568		NATIONAL COATINGS INC. , Raleigh, N.C.	P	28.1	21.6	75	0	0	0	20	0	5	0	0
548	593		BEACH ELECTRIC CO INC. , Paterson, N.J.	E	28.0	21.9	78	0	5	0	12	0	5	0	0
549	588		SHADROCK & WILLIAMS MASONRY , Helotes, Texas	MA	27.8	38.6	90	0	0	0	0	0	10	0	0
550	562		INFINITY CONTRACTORS INT'L LTD. , Fort Worth, Texas	M	27.7	28.3	70	5	0	10	10	5	0	0	0

NORTHSTAR GROUP SERVICES will demolish the 707-ft, 52-floor 270 Park Avenue building in Manhattan, the largest-ever planned demolition.

FOOTNOTES **556** PLUMBING, **562** INDUSTRIAL MAINTENANCE/PARTS, **563** FOOD SERVICE EQUIPMENT, **564** AIR CONDITIONING, **565** INSULATION, **571** HAZARDOUS PREMEDIATION, **577** BUILDING AUTOMATION, **583** AIRPORTS, **587** SOIL STABILIZATION, **593** ARCHITECTURAL WOODWORK, **599** FIRE SMOKE / EGRESS.

Where To Find the Top 600

FIRM	RANK	FIRM	RANK	FIRM	RANK	FIRM	RANK
A		B&B Electrical Contractors Inc.	573	California Sheet Metal Works Inc.	496	D	
11400 Inc.	563	Baker Construction Enterprises Inc.	16	J.C. Cannistraro	93	Daley's Drywall	241
1901 Inc.	452	Baker Group	142	Cannon & Wendt Electric Co. Inc.	387	Danella Cos. Inc.	87
A&R Mechanical Contractors Inc.	390	Baker Roofing Co.	103	Cantera Concrete Co. LLC	480	Danny's Construction Co. LLC	421
Aaron Enterprises Inc.	500	Baker Triangle	167	Capform Inc.	110	Dant Clayton	384
A-C Electric Co.	340	R Baker & Son	595	Castle Contracting LLC	455	M.C. Dean	20
ACCO Engineered Systems	14	Barnhart Crane and Rigging	65	CB Structures	349	Del Monte Electric Co.	467
Ace Electric Inc.	270	Barnum & Cellino Electric Inc.	336	CEC Cos.	204	Delaware Elevator Inc.	301
Ackerman Plumbing Inc.	556	Basden Steel Corp.	199	Ceco Construction Group	25	Delta Diversified Enterprises Inc.	265
ACME Constructors Inc.	428	Batchelor & Kimball Inc.	90	Centerline Inc.	498	The Demo Co. LLC	579
Acme Electric Co.	458	Otto Baum Co. Inc.	438	CentiMark Corp.	24	Demolition & Asbestos Removal Inc.	559
Acousti Engineering Co. of Florida	130	Bayside Interiors Inc.	321	Central Ceilings Inc.	361	J. Derenzo Cos.	96
Acoustic Ceiling and Partition Co.	418	Beach Electric Co Inc.	548	Centuri Group Inc.	11	Desert Mechanical Inc.	530
ACS System Associates	258	Beacon Piping Co.	532	Century Mechanical Contractors Inc.	518	The DiGesare Group	326
Action Electrical & Mechanical Contractors	368	Beard Construction Group LLC	439	Century Steel Erectors Co. LP	562	Diversified Utility Services Inc.	190
Adamo Group Inc.	445	Beaver Excavating Co.	114	Certified Coatings Co.	561	Donley's Concrete Group	213
AdvanceTEC LLC	473	Beckstrom Electric	449	Chapel Electric Co. LLC	202	Doral Corp.	414
J.F. Ahern Co.	80	Bel-Aire Mechanical Inc.	280	Charter Mechanical	271	Dore & Associates Contracting inc.	509
Ajay Glass Co.	446	Beltline Electric Co. Inc.	515	Cherry Cos.	172	Douglass Colony Group	332
Alaka'i Mechanical Corp.	373	The Berg Corp.	533	W.A. Chester LLC	308	Drill Tech Drilling & Shoring Inc.	146
The George D. Alan Co.	454	Bergelectric Corp.	57	CJ Drilling Inc.	351	Dual Temp Co.	560
Joseph J. Albanese Inc.	94	Berkel	109	Clean Earth	99	Ducci Electrical Contractors Inc.	285
Aldridge Electric Inc.	47	Bermudez, Longo, Diaz-Masso LLC	161	Clarey Construction Inc.	411	E.M. Duggan Inc.	139
All State Construction Inc.	491	Bernhard Woodwork Ltd.	593	Cleveland Cement Contractors Inc.	370	Dunbar Mechanical Inc.	315
All-South Subcontractors Inc.	569	Best Contracting Services Inc.	197	Cleveland Electric Co.	81	Dunn Building Co. LLC	346
Alterman Inc.	242	Bierlein Cos. Inc.	278	Cochran Inc.	126	Durr Heavy Construction LLC	527
American Direct	245	BOND Brothers Inc.	31	Collins Electrical Co. Inc.	192	E	
American Technologies Inc.	97	Bonland Industries Inc.	356	Comfort Systems USA Inc.	8	Edgerton Contractors Inc.	380
AMPAM Parks Mechanical Inc.	164	Frank M. Booth Inc.	267	Commercial Roofers Inc.	546	Egan Co.	113
Amteck LLC	163	Boudreau Pipeline Corp.	359	Commonwealth Electric Co. of the Midwest	181	E-J Electric Installation Co.	38
Apex Imaging Services	318	Bourne Corp.	435	ComNet Communications LLC	243	Eldeco Inc.	257
Apex Steel Inc.	464	W. Bradley Electric Inc.	209	Comprehensive Energy Services Inc.	408	Ellingson Cos.	299
APG	312	Brandenburg Industrial Service Co.	132	Concrete Protection & Restoration Inc.	539	Davis H. Elliot Co. Inc.	78
API Group Inc.	5	BrandSafway	4	Concrete Strategies	148	Ely Concrete Construction	425
Apollo Mechanical Contractors	52	Brandt	39	Concrete Value Corp.	159	EMCOR Group Inc.	2
ARC Abatement	431	Brazos Masonry Inc.	488	Condon-Johnson & Associates Inc.	183	Enclos Corp.	79
Architectural Glass & Aluminum	279	J.M. Brennan Inc.	283	Construction & Turnaround Services	276	Encore Electric Inc.	128
Architectural Wall Systems LLC	398	BrightView Landscape Development Inc.	40	Conti Corp.	41	Enterprise Properties Inc.	277
ArchKey Solutions	30	Broadway Electric Service Corp.	154	Continental Electrical Construction Co.	226	EnviroCon Systems Inc.	508
Arden Building Cos. LLC	175	Broadway Electric Inc.	293	Corbins Electric	316	ERMCO Inc.	195
Area Energy & Electric Inc.	302	Brodie Contractors Inc.	551	CR Lighting & Electric Inc.	521	ERSI	576
Area Erectors Inc.	393	Brooks-Berry-Hayne & Associates Inc.	307	Dee Cramer Inc.	432	ESA/1 Priority	367
Ascher Brothers Co. Inc.	396	Dee Brown Inc.	484	F.L. Crane & Sons Inc.	210	Expanse Electrical Co.	214
Aschinger Electric Co.	433	Buesing Corp.	391	Crawford Tracey Corp.	542	F	
ASRC Industrial Services	60	Builders Plus Inc.	490	Critchfield Mechanical Inc.	120	Faith Technologies Inc.	23
Associated Mechanical Contractors Inc.	402	Building Control Integrators	577	J. Crompton Electric Inc.	516	Fenton Rigging & Contracting	482
Associated Mechanical Contractors Inc.	531	Buist Electric Inc.	290	Crosby-Brownlie Inc.	378	Ferguson Trenching Co.	437
Atlantic Constructors Inc.	206	The Bulldog Group Inc.	365	Crown Corr Inc.	124	Ferguson Trenching Co.	478
Atlantic Electric LLC	489	C3M Power Systems LLC	444	JRCRUZ Corp.	287	Feyen Zylstra LLC	260
ATS Drilling Inc.	580	Cache Valley Electric Co.	53	CSE Inc.	423	Fiore & Sons Inc.	289
Avalotis Corp.	406	CAID Industries Inc.	374	Cullum Mechanical Construction Inc.	436	Fisk Electric Co.	86
Aczo Inc.	92	California Drywall	153	Cummings Electrical LP	203	Five Star Electric Corp.	73
B				Cupertino Electric Inc.	15		
B&I Contractors Inc.	220						

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FIRM	RANK	FIRM	RANK	FIRM	RANK	FIRM	RANK
Flagger Force Traffic Control Services	314	Heller Electric Co. Inc.	401	Kasselman Electric Co. Inc.	474	M.G. McGrath Inc.	249
Floorz	506	Hemma Concrete Inc.	345	KEAR Civil Corp.	597	McHugh Concrete Construction Inc.	196
Florence Electric LLC	385	JB Henderson Construction Co. Inc.	238	Kearney Electric Inc.	581	McKenney's Inc.	83
Fly & Form Structures Inc.	281	Henkels & McCoy Group	6	L. Keeley Construction	145	McKinstry	29
Flynn Group	26	HEPACO LLC	217	Keller North America	9	MCM Management Corp.	288
Foundation Constructors Inc.	409	Hermanson Co. LLP	138	JH Kelly LLC	74	MDU Construction Services Group Inc.	12
Fountain Construction Co. Inc.	456	High Light Electric Inc.	592	Kelso-Burnett	201	Mechanical Inc.	88
Freestate Electrical Cos.	127	Hill Mechanical Corp.	106	Kent Cos. Inc.	95	Meisner Electric Inc.	329
W.L. French Excavating Corp.	256	HIS Constructors Inc.	447	Keystone Concrete	58	Menard Group USA	392
Fresh Meadow Mechanical Corp.	194	Hi-Tech Electric Inc.	323	KHS&S Contractors	69	Adrian L. Merton Inc.	471
Frischhertz Electric Co. Inc.	381	Hodess Cleanroom Construction	424	Kiely Family of Cos.	137	Metro Mechanical Inc.	513
G							
Gaines & Co.	339	The Holbrook Co. Inc.	557	Kimbel Mechanical Systems Inc.	264	Mid Atlantic Mechanical Inc.	476
TG Gallagher	212	Hoover Construction Co.	524	Kimmins Contracting Corp.	369	Mid-City Electric/Technologies	319
Gaylor Electric Inc.	118	Humphrey & Associates Inc.	263	King of Texas Roofing Co. LP	534	Mid-Continental Restoration Co. Inc.	507
General Sheet Metal	386	Hunt Electric Corp.	45	Kontz Electric Co. Inc.	426	Midstate Mechanical Inc.	590
Geo-Solutions Inc.	420	Hussung Mechanical Contractors Inc.	259	Kovach Building Enclosures	262	Midwest Drywall Co. Inc.	304
Gibson Landscape Services Inc.	585	Hypower Inc.	320	KPost Co.	333	Midwest Steel	234
Giroux Glass Inc.	430	I		KSW Mechanical	123	Midwest Steel Co. Inc.	584
Richard Goettle Inc.	309	icon Mechanical Construction & Engineering LLC	231	L		Miller Electric Co.	101
Goyette Mechanical Co.	311	IES Holdings Inc.	22	Lafayette Metal & Glass Co.	472	Miller Electric Co. Inc.	77
Graham County Land Co. LLC	457	IMS Masonry Inc.	460	Lake Erie Electric Cos.	169	Miller Insulation Co. Inc.	338
Graydaze Contracting Inc.	451	Independence Excavating Inc.	134	Lakeshore Environmental Contractors LLC	571	Alfred Miller Contracting	535
Grazzini Brothers & Co.	511	Industrial Power Systems Inc.	337	Landmark Construction Co.	269	MillerClapperton	404
Greater Metroplex Interiors Inc.	232	Infinity Contractors Int'l Ltd.	550	Largo Concrete Inc.	51	MKB Construction Inc.	522
John E. Green Co.	140	Inglett & Stubbs LLC	135	Latite Roofing LLC	363	MKD Electric	341
Greenberry Industrial LLC	191	Integrated Facility Services Inc.	343	Leed Electric Inc.	536	MMC Contractors Inc.	66
Gregory Electric Co. Inc.	360	Interior Contractors Inc LLC	504	Legacy Mechanical Inc.	568	MMR	21
Greiner Electric LLC	376	Interior Technology Inc.	599	Dorvin D. Leis Co. Inc.	156	Modern Cos. Inc.	235
Gribbins Insulation Co. Inc.	503	International Asbestos Removal Inc.	412	Letsos Co.	233	Mona Electric Group Inc.	186
Griffin Dewatering	493	International Chimney Corp.	479	Level 5 Inc.	598	R.T. Moore Co. Inc.	248
D.H. Griffin Wrecking Co. Inc.	171	Interstate Mechanical Corp. dba IMCOR	399	Limbach Facility Services	55	Morrow-Meadows Corp.	43
Wayne J. Griffin Electric Inc.	67	Interstates	150	Lithko Contracting LLC	27	The Morse Group Inc.	165
Group Builders Inc.	382	Intex Electrical Contractors Inc.	358	Long Painting Co.	538	Motor City Electric Co.	68
Grunau Co.	218	Intren LLC	48	LPR Construction	237	MSL Electric Inc.	558
Grundman Mechanical Systems Inc.	600	Irex Contracting Group	125	Ludvik Electric Co.	162	MTech Mechanical	188
GSL Electric	422	ISC Constructors LLC	71	M		Murphy Co.	82
Guarantee Electrical Co.	182	ISEC Inc.	62	MacDonald-Miller Facility Solutions	102	Murray Co.	111
W.B. Guimarin & Co. Inc.	526	Ivey Mechanical Co.	160	Malcolm Drilling Co. Inc.	59	Muth Electric Inc.	254
H							
HACI Mechanical Contractors Inc.	347	J&E Cos.	310	Manafot Brothers Inc.	136	N	
Haley-Gree Inc.	448	Jacobson & Co. Inc.	211	B.T. Mancini Co. Inc.	253	NASDI LLC	514
Hampshire Fire Protection Co.	570	JAX Refrigeration Inc.	306	W.D. Manor Mechanical Contractors Inc.	397	National Coatings Inc.	547
Harder Mechanical Contractors Inc.	34	JD Traditional	591	Marr Scaffolding Co.	505	National Construction Enterprises Inc.	187
Hardrock Concrete Placement Co. Inc.	255	JDC Demolition Co. Inc.	429	H.J. Martin and Son	174	National Enclosure Co.	555
Hargrove Electric Co. Inc.	566	J.F. Electric	144	George E. Masker Inc.	517	Nations Roof	131
Harmon Inc.	100	JMEG LLC	176	Masonry Builders Inc.	589	Nead Electric	224
Harrison Contracting Co.	427	Johnson and Jordan Inc.	400	MaTec Inc.	3	Network Infrastructure Inc.	352
Hartman Walsh Industrial Services	495	Johnson-Davis Inc.	510	Mayers Electric Co. Inc.	588	Nevell Group Inc.	168
Hatzel & Buehler Inc.	72	K		MB Mechanicals Holdings	121	New River Electrical Corp.	91
Heartland Acoustics & Interiors Inc.	596	K&S Air Conditioning Inc.	552	McCar's LLC	295	New Roads Environmental Services	540
Helix Electric Inc.	28	Kalkreuth Roofing and Sheet Metal	205	McCrossin Foundations LLC	554	Newkirk Electric Associates Inc.	178
Hellas Construction Inc.	143	Karsten Interior Services	468	G.M. McCrossin Inc.	268	The Newton Group	36
				O.C. McDonald Co.	469	Nicholson Construction Co.	223

Where To Find the Top 600

FIRM	RANK	FIRM	RANK	FIRM	RANK	FIRM	RANK
D.W. Nicholson Corp.	512	Q		SME Steel	49	U	
Nickle Electrical Cos.	497	Quality Interiors Inc.	583	Allison Smith Co.	179	U.S. Engineering Co. Holdings	56
North American Dismantling Corp.	470	Quality Plus Services Inc.	252	John Smith Masonry	477	Unistrut Construction	371
Northland Concrete & Masonry Co. LLC	216	Quanta Services	1	SOEP Painting Corp.	545	United Chester Industries Inc., dba United Mechanical	395
NorthStar Group Services Inc.	46	QuestMark, a Division of CentiMark Corp.	266	Southern Air Inc.	230	United Forming Inc.	298
NSC	322			Southland Industries	17	United Mechanical	152
O		R		Sowles Co.	389	United Riggers and Erectors Inc.	537
O'Connell Electric Co. Inc.	116	R&R Window Contractors Inc.	582	Spacecon Specialty Contractors	434	Universal Builders Supply	284
Oil Capital Electric	272	Rachel Contracting	325	Specialty Finishes Inc.	528	Universal Plant Services Inc.	33
Oklahoma Electrical Supply Co. (OESCO)	286	RAM Acoustical Corp.	520	Spectrum Mechanical & Service Contractors LLC	567	V	
Orndorf & Spaid Inc.	466	J. Ranck Electric	296	Sprig Electric	115	Valley Electric	151
O'Rourke Wrecking Co.	541	W.A. Basic Construction Co. Inc.	250	Standard Drywall Inc.	76	Van Erk Electric Co. Inc.	240
Osburn Contractors LLC	141	The Raymond Group	158	Stark Excavating Inc.	324	Vaughn Industries LLC	198
P		Red Cedar Steel Erectors Inc.	483	The State Group Inc.	64	Veit & Co. Inc.	147
P.A.L. Environmental Safety Corp.	155	Redwood Electric Group Inc.	50	SteelFab Inc.	19	Ventana	236
P1 Group Inc.	119	A.O. Reed & Co.	219	Structural Technologies	37	Vidimos Inc.	544
Pacific Rim Mechanical Contractors Inc.	207	Rembco Geotechnical Contractors Inc.	587	Sun Valley Masonry Inc.	379	W	
Pacific Structures Inc.	105	Remedial Construction Services LP	170	Suntec Concrete Inc.	75	W&W Glass LLC	184
Palmetto Automatic Sprinkler	461	RHP Mechanical Systems	453	Sunwest Electric Inc.	413	Wachter Inc.	122
Pan-Pacific Mechanical LLC	85	Riggs Distler & Co. Inc.	63	Superior Gunite	442	E.S. Wagner Co.	244
Alex E. Paris Contracting Co.	229	RK Mechanical Inc.	70	Superior Rigging & Erecting Co. Inc.	394	Walker Engineering Inc.	61
Patriot Erectors LLC	405	RKS Plumbing and Mechanical Inc.	486	Sure Steel Inc.	208	Ward Electric Co. Inc.	415
PayneCrest Electric Inc.	177	RMF Nooter	228	Swanson & Youngdale Inc.	362	R.W. Warner Inc.	410
Penhall Co.	108	The Rockwell Group Inc.	575	K.R. Swerdfeger Construction Inc.	366	Wasco Inc.	481
Penington Painting Co.	578	Rogers	89	The Systems Group Inc.	350	Washington IronWorks	375
John A. Penney Co. Inc.	303	Rommel Construction Group	225	T		Wayne Brothers Inc.	193
Performance Contracting Group Inc.	13	The Roof Depot Inc.	348	T.A.S. Commercial Concrete Construction LLC	104	Wayne's Roofing Inc.	462
Perlectric Inc.	327	Roofing Solutions LLC	529	Tarlton and Son Inc.	450	WDF Inc.	107
Perreca Electric Co. Inc.	501	Rosendin Electric	7	Taylor Electric Inc.	354	Weifield Group Contracting	275
Persons Services Corp.	543	Rotolo Consultants Inc.	494	TDIndustries	32	West Valley Construction Co. Inc.	180
Martin Petersen Co. Inc.	294	Ruston Paving Co. Inc.	355	Team Industrial Services Inc.	44	Westates Mechanical Corp. Inc.	594
Peterson Mechanical Inc.	465	Ruttura & Sons Construction Co. Inc.	251	TEC-Corp.	317	Western Allied Corp.	383
Petillo Inc.	239	Ryan Inc. Central	185	TEC Industrial	173	Western Partitions Inc.	117
Philadelphia D&M	247	S		Terra Millennium Corp.	54	Western Specialty Contractors	133
Philips Brothers Electrical Contractors Inc.	407	S&F Concrete Contractors Corp.	157	Terry's Electric Inc.	403	White Electrical Construction Co.	297
Piedmont Mechanical Inc.	565	Sauer Holdings Inc.	166	Texas Scenic Co.	492	Wiegmann Associates	487
Pioneer Cladding & Glazing Systems Inc.	344	Schlouch Inc.	335	Thomarios	443	TJ Wies Contracting Inc.	328
The PIPCO Cos. Ltd.	553	Schreiber Corp.	330	Thomas Industrial Coatings Inc.	475	The Williams Group	221
Pittsburg Tank & Tower Group Inc.	300	Schuff Steel Co.	35	Jerry Thompson & Sons	388	Wilson Electric Services Corp.	222
Plateau Excavation Inc.	112	Schwager Davis Inc.	419	Thorne Associates Inc.	364	Winter Environmental, a Div. of The Winter Construction Co.	564
Polk Mechanical Co. LLC	227	Schwob Energy Services LLC	291	Tilson Technology Management Inc.	334	The Witner Group	572
Power Design	42	SDB Contracting Services	331	TLC Diversified	519	X	
Poynter Sheet Metal	305	Seedorff Masonry Inc.	525	W.G. Tomko Inc.	273	Xcel Mechanical Systems Inc.	417
Precision Concrete Construction Inc.	215	Select Demo Services LLC	274	Total Civil Construction	459	Y	
Precision Environmental Co.	441	Sentinel Safety & Security Group LLC	485	Traffic Control Devices Inc.	292	YTG LLC	189
Precision Walls Inc.	129	Seretta Construction Inc.	282	Tri-City Electric Co. of Iowa	149		
Premier Electrical Corp.	377	L.M. Sessler Excavating & Wrecking Inc.	586	Tri-City Electrical Contractors Inc.	98		
Prime Controls LP	200	Shadrock & Williams Masonry	549	The Tri-M Group LLC	261		
Prime Electric	84	Shaw Electric Co.	342	Trinity Drywall and Plastering Systems LP	353		
PRISM Spectrum Holdings LLC	313	Shelley Electric Inc.	463	Truesdell Corp.	416		
Pro-Craft Construction Inc.	502	Sierra Pacific West Inc.	440	TSI Corp.	372		
PRT	357	Slack & Co. Contracting Inc.	499	TWC Concrete Services LLC	523		
Pyramid Electric Inc.	574						