

ENR THE TOP 600

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PHOTO COURTESY OF ENCLOS

PLANTING THE FLAG

Enclos installed 320,000 sq ft of custom curtain wall and facade on Pacific Gate, a 41-story, 514,000-sq-ft luxury apartment building in San Diego.

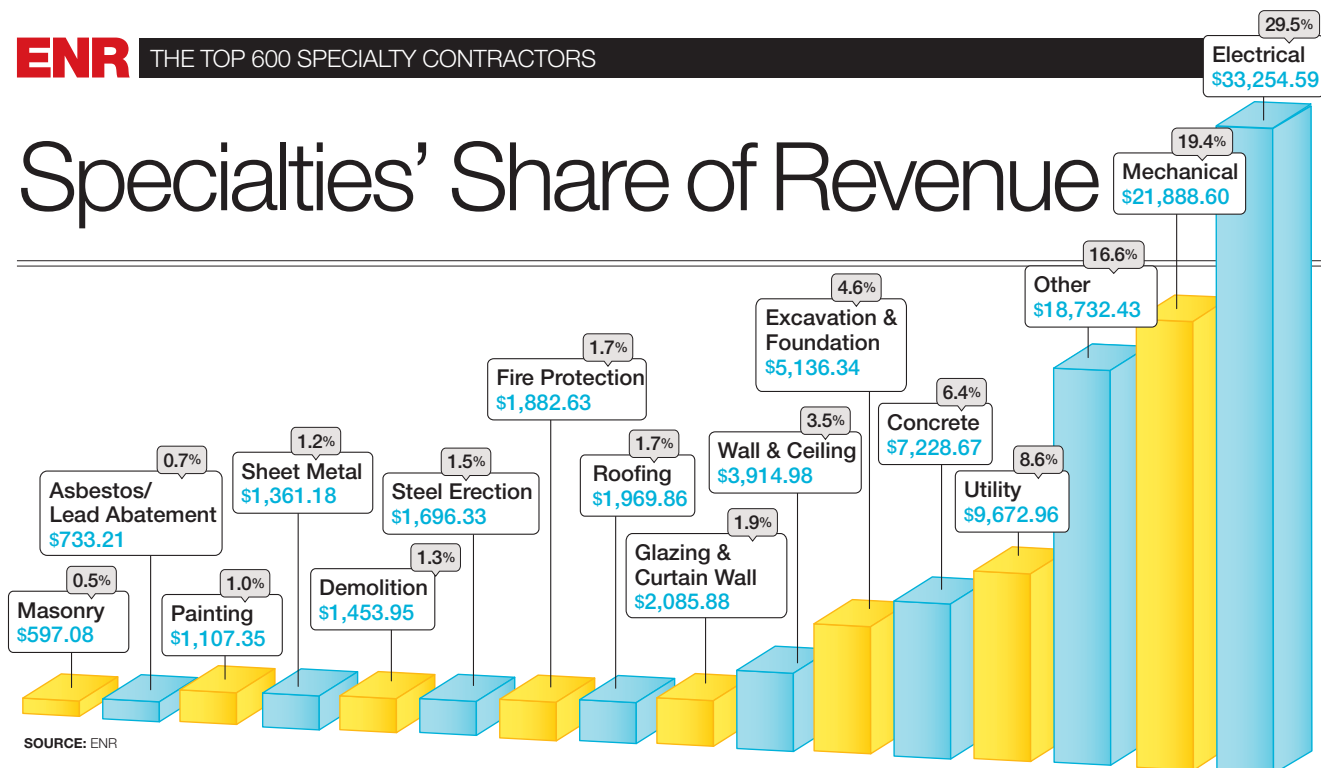
NUMBER 39

When Will the Market Top Out?

The construction market is strong and continues to grow at a brisk pace. But contractors wonder how long the good times will last. By Gary J. Tulacz



Specialties' Share of Revenue



The Top 600 Specialty Contractors' Profitability

SOURCE: ENR

13

565

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

The Top 600 Specialty Contractors' New Contracts

\$93,742.1

\$102,586.5

2016
2017
(Measured in \$ millions)

After eight years of growth, the market still is thriving. Further, most firms believe it will continue to improve through the end of 2018 and have backlogs to prove it. But some firms are beginning to become wary about what 2019 will bring, both for the market and the economy as a whole.

The impressive strength of the market can be seen in the results of this year's ENR Top 600 Specialty Contractors list. As a group, the Top 600 cleared revenue of \$112.72 billion in 2016, up an impressive 12.2%, from \$100.43 billion, in 2015. Further, many Top 600 leaders think the recovery still has steam in it.

Many contractors are enthusiastic about the current and future market. "We are seeing tremendous growth year-on-year and have a record backlog," says Charles Bacon, CEO of Limbach Facility Services. He says Limbach currently is tracking \$3.1 billion in opportunities, up from \$2.4 billion at this time last year. "I don't see a recession any time soon," he adds.

One good sign of the expanding market is that backlogs are growing. The Washington, D.C.-based Associated Builders and Contractors' Construction Backlog Indicator, which measures the average length of backlogs among all its contractor members, rose to nine months during the first quarter of 2017, up 8.1% from the fourth quarter of 2016, says



"For the first time in the [Associated Builders and Contractors' Construction Backlog Indicator's] history, every category—firm size, industry and region—registered quarterly growth."

Chuck Goodrich, President, Gaylor Electric Inc.

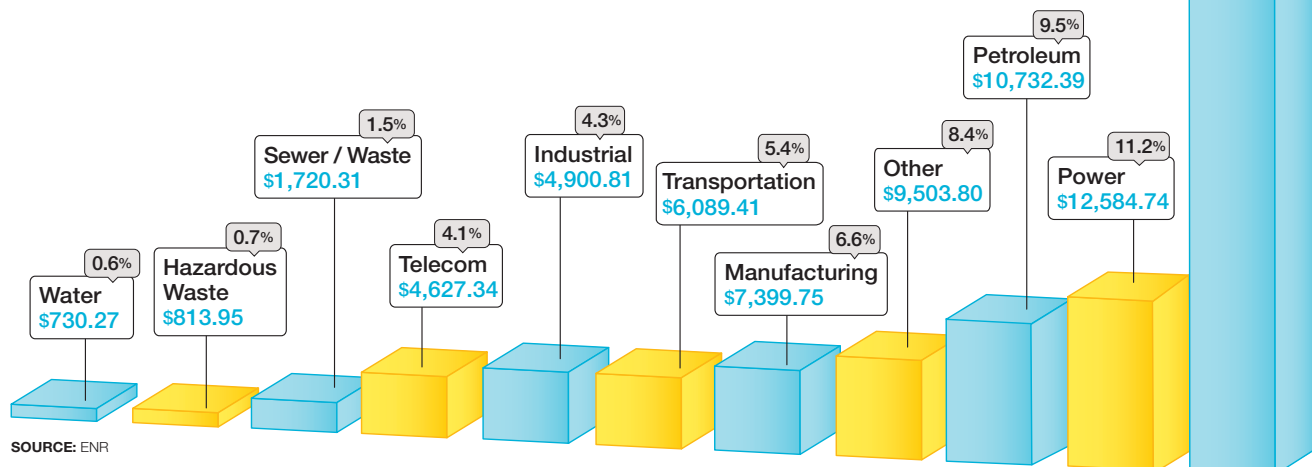
Chuck Goodrich, president of Gaylor Electric Inc. and 2017 ABC chairman. "For the first time in the series' history, every category—firm size, industry and region—registered quarterly growth in CBI. CBI is up by 0.4 months, or 4%, on a year-over-year basis," he says.

Many market sectors look very good. "There is a significant need to build new and maintain existing electric power and oil-and-gas infrastructure throughout North America. As a result, our customers' multiyear capital programs and projects are larger and more complex than they have ever been," says Duke Austin, CEO of Quanta Services.

The long-term prospects in energy markets seem strong. "Power plants are changing sources of energy, and that means the power market should be strong for the next 10 years," says Anthony Guzzi, CEO of Emcor Group. The domestic oil market also should continue to grow, he predicts.

On the buildings side, most contractors are optimistic. "Health care and manufacturing continue a steady growth. The emergence of internet-based retail sales has increased our focus on distribution and data-center construction," says Goodrich. "We have seen an increased demand in the mission-critical health-care and transportation markets, while commercial and residential markets have held steady. Our pipeline for

Markets' Share of Revenue



SOURCE: ENR

Comparing the Past Decade's Specialty Contractor Revenue

Measured in \$ billions Source: ENR



the next 12 to 24 months looks very healthy," adds Brian Brobst, marketing director for Rosendin Electric.

Storm Clouds Forming?

However, there are many who see storm clouds on the horizon. "I am hearing more contractors talking about the potential for a recession coming up in the next 12 to 18 months," says E. Colette Nelson, chief advocacy officer for the American Subcontractors Association, Alexandria, Va. She says many contractors don't believe the market will drop off in the foreseeable future, but she cautions contractors should prepare just in case.

Nelson is not the only one who is concerned about long-term markets. "National construction market forecasts predict a slowdown in 2018 due to general concerns about a sluggish U.S. economy," says Marc Paolicelli, chief customer officer at RK Mechanical Inc.

Many contractors are preparing in case of a downturn. "Earlier this year, we felt a need to be prepared in case markets slowed later in 2018 or into 2019," says Brad Wucherpfennig, president of Baker Concrete Construction. "However, so far, the volume of work appears to be fairly steady."

Generally, contractors predict this surge will be maintained through 2018 and into 2019. "[But] we believe that building a strategically intelligent backlog of business is paramount in the ability to

515

Firms on the list that sent in a survey in 2016

69.1%

Firms that increased revenue in 2016 from 2015

29.7%

Firms that had lower revenue in 2016 than in 2015

successfully thrive and survive the inevitable changes in our market place," says Skip Mancini, president of B.T. Mancini Co.

One of the difficulties in a market this strong is that many contractors are tempted to expand by pursuing larger projects, which can cause problems. "We have invested heavily in training, safety and technology because that is what customers demand," says Guzzi. He says firms that chase work into high-end markets may run into problems coping with these demands. "It is a tough time for small and midsize contractors trying to do bigger jobs than they are used to," he observes.

Guzzi says contractors have to be especially careful in such a strong market. "You can't take jobs that you can't staff, and you have to be careful who you team with and how clearly defined the scope of work is," he says. "Contractors that chase work just to add volume will be the first ones to get into trouble."

Mergers and Acquisitions

Mergers and acquisitions continue to have an impact on the specialty-contractor market. The recent merger between Brand Energy & Infrastructure and Safway Group was the biggest on the list, becoming the \$4.6-billion industrial services giant BrandSafway.

Another major acquisition last year was Emcor Groups' purchase of Ardent Services, a \$250-million

Electrical Contracting

Encore Goes the LED Route



At the new Colorado State University Stadium in Fort Collins, Encore Electric Inc. (**No. 170**) installed LED sports lights, rather than high-intensity discharge lights. LED lights improved the schedule and the environment. ■

electrical contractor in the industrial section. Guzzi says Emcor continues to look for the right firms to acquire. He adds, “We are looking for solid firms ... preferably in the \$100-million to \$150-million range.”

Many in the industry say the M&A trend will start to accelerate. “It seems as if there is a high concentration of baby boomers. As these individuals transition out of their businesses, there is an opportunity to see acquisitions reduce the number of players,” says Greg Hosch, CEO, Harris Cos.

Ted Lynch, CEO of Southland Industries, says the industry is seeing the beginnings of another series of roll-ups, as larger firms begin to acquire smaller firms. “There are a lot of smaller firms that are having second thoughts about continuing to go it alone and are considering selling to stay viable,” he says.

Limbach is another firm on the acquisition trail. After going public this time last year, it has been searching for suitable candidates for acquisition. “We just hired a new executive vice president in charge of mergers and acquisitions,” notes Bacon.

Bacon says Limbach’s dedicated design group provides a full range of design services. But the firm is now actively scouting electrical contractors for acquisition to go along with its mechanical work. This strategy will help Limbach provide the full MEP package on design-build and integrated-project-delivery jobs, says Bacon.



“You can’t take jobs that you can’t staff, and you have to be careful who you team with and how clearly defined the scope of work is.”

Anthony Guzzi,
CEO, Emcor
Group

Southland Industries is another mechanical contractor that has a dedicated design group to provide a full MEP design package to projects. Lynch says Southland always is looking for potential acquisitions. But unlike Limbach, Southland is not actively pursuing electrical contracting capabilities. “We have a lot of great electrical contractor partners and are not looking to replace them with in-house capacity,” he says.

Limbach and Southland are not alone in expanding their capabilities beyond their core. Power Design recently expanded to include a mechanical division, hiring a team of mechanical engineers to learn its business model and start taking on projects. “This is a big step for us as an electrical subcontractor because now we can offer even more of a holistic solution to our customers by bringing in the mechanical engineering piece,” says Lauren Permuy, vice president of business development. “It gives us more of a competitive edge against other electrical contractors and engineers, and we look forward to seeing the division grow.”

Collaborative Environment

These moves into a wider range of contracting and design is a reflection of general contractors’ and owners’ increasing demands on subcontractors and specialty contractors to provide more services, sooner. For example, Austin notes that, “in anticipation of our industries’ growing emphasis on turnkey projects, Quanta developed a full range of planning, engineering, procurement and construction capabilities.” He says Quanta’s integrated, self-perform model allows it to meet electric power and oil-and-gas infrastructure demands.

Design-build and integrated project delivery increasingly are demanding early subcontractor input. In fact, major subcontractors now are being seen more as partners than as hired hands. “In these projects, a core team of the general contractor, architect and major key subcontractors, such as mechanical and electrical, assemble early to set the project’s goals and establish shared norms for the project,” says Ash Awad, chief market officer for McKinstry.

As complexity in the building envelope increases, project teams are seeking earlier involvement from many different trades to assist in constructibility-driven design decision-making and accurate budget pricing. “What has emerged is an extensive design-assist period that integrates intense specialty-contractor involvement in helping the owners, construction managers and general contractors mitigate cost and schedule risks,” says Jeffrey Vaglio, director of the advanced technology studio at Enclos.

Technology is helping subcontractors to participate early in the construction process. “The use of three

The Top 600 Dialogue

What steps are you taking to mitigate present and future worker shortages?



RYAN FOLEY, VP, FIELD OPERATIONS
H.J. MARTIN AND SON INC.
Green Bay, Wis.

We have been hiring aggressively and overstaffing many of our jobs to increase the on-the-job training with our experienced installers. It takes a while to learn and acclimate. The goal is to build capacity.



KEVIN WALSH, CEO
THE KIRLIN GROUP
Rockville, Md.

A key initiative is our Kirlin Pipeline Student Internship Program and our Kirlin scholarships, with increased funding toward science, technology, engineering and math (STEM) programs.



RICK MIXSON, PRESIDENT
LANDMARK CONSTRUCTION
North Charleston, S.C.

Ongoing training is key to retaining our talent. Before starting fieldwork, we provide OSHA 10-hour training to all new field staff. Our field crew is also offered on-the-job equipment training on Saturdays at our dirt mine.



DUKE AUSTIN, CEO
QUANTA SERVICES
Houston

We have invested tens of millions [of dollars] to develop our world-class training facility in La Grange, Texas. The hands-on training facility provides advanced skills training and certifications for Quanta employees.



BRAD WUCHERPENNIG, PRESIDENT
BAKER CONSTRUCTION ENTERPR.
Monroe, Ohio

We are partnering with trade associations, like the American Society of Concrete Contractors, on initiatives such as "Concrete 2029" and the Concrete Industry Management Program and serving as advisers on university councils.



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



DEAN GWIN, PRESIDENT
GATE PRECAST CO.
Jacksonville, Fla.

We can produce the exterior of a building or the entire structure in our off-site, state-of-the-art manufacturing facilities. We can even add insulation and pre-install glazing. So, all that combined is a huge savings in time.



TIMOTHY M. DUNLAP, PRESIDENT
CENTIMARK CORP.
Canonsburg, Pa.

Wearable technology has great appeal to us because [it] will allow us to continue to provide information and collect data back from our workforce, without being encumbered by handling a separate device.



BRIAN BROBST, DIR. OF MARKETING
ROSENDIN ELECTRIC
San Jose, Calif

Our team created a virtual environment that promotes training [on] wiring systems, assessment and training on safety procedures, productivity improvements for field installation, methods of procedures and much more.



JEFFREY VAGLIO, STUDIO DIRECTOR
ENCLOS
Los Angeles

Laser-scanning technology has long been embraced on project sites for surveying, but [we] find increasing value earlier in manufacturing processes, especially on projects with complex geometry and little repetition of shape.



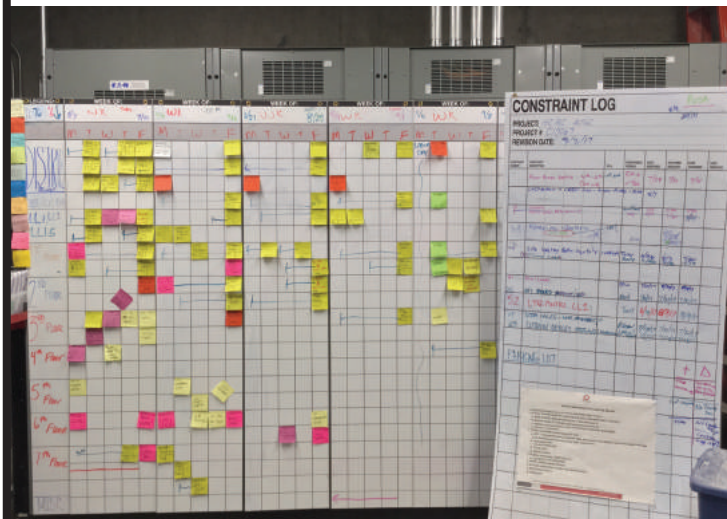
MICHAEL HABER, MNG. PARTNER
W&W GLASS LLC
Nanuet, N.Y.

New technology in glass fabrication is allowing large expanses of glass to be made with individual pieces of glass. Glass spans of over 11 feet wide and 60 feet tall are within the realm of possibility from global suppliers.



Productivity

Subs Are Getting Lean



With owners and general contractors demanding more-efficient project delivery, subcontractors are under increasing pressure to cut waste. Firms are employing many methods to squeeze waste out of their processes. These tactics range from new technologies and prefabrication to having workers in the field identify inefficiencies.

For example, CVC Concrete Value Corp. (**No. 187**) has instituted an incentive program, “Save the Waste,” to reward workers who identify waste in the field, says Paul Eshe, CEO. He says the program rewards workers who meet measurable goals and improve productivity.

But productivity remains illusive. “Analysis of government data by the Bureau of Economic Analysis shows that the construction industry has failed to achieve any significant improvements in productivity in the last 50 years,” says Chuck Goodrich, president of Gaylor Electric Inc. (**No. 124**). But Gaylor is using an increasingly popular technique to improve the efficiency of its own processes: lean construction.

Lean construction is becoming more prevalent, and more general contractors are beginning to request lean-construction expertise on their projects. “Scheduling processes are becoming more

interactive, using lean tools [such as] Last Planner. For the GCs that are getting it, jobs are more productive and are being executed better,” says Joel Moryn, CEO of Parsons Electric (**No. 72**) (see photo above).

J.C. Cannistraro (**No. 86**) is another firm that is employing lean construction. Cannistraro identified the need for more streamlined and standardized procedures for scheduling and communication within its project teams, so it purchased TouchPlan software, a web-based application, says Joe Mierzejewski, Cannistraro’s vice president for plumbing. He says the program “bridges the gap between pull-planning and schedule creation for short-interval planning.”

While many specialty contractors are using lean principles, there are obstacles. “The risk is that it is hard to do really well,” says Moryn. He says many firms come onto a project as the low bidder, which makes it hard to insist they be qualified in software packages such as Last Planner and 5S and in managing the “eight wastes” addressed in the lean process, says Moryn, adding, “This will make it difficult to be the game-changer we think it has the potential to be.” However, Moryn is optimistic that lean construction will be transformative. ■

dimensional computer-based design is revolutionizing our industry. This technology is enabling true collaboration in the preconstruction phase and aiding in the delivery of information to the workforce,” says Goodrich of Gaylor Electric.

Risky Business

While subcontractors are giving more input into the construction process, many complain that some owners and GCs continue to impose tough contract conditions. Contracts are becoming more onerous, requiring longer legal reviews and costs. “Gone are the days of a handshake and signature. Many contracts require quite a bit of back-and-forth for weeks or even months before getting someone on board,” says Michael Haber, managing partner of W&W Glass.

These contract clauses are causing more interactions not over the project but over what is expected and what is required. “Relations [with GCs] are good. However, the consistent additional risk we, as a large subcontractor, are being asked to assume means additional discussion on both ends regarding terms and conditions,” says Jeff Heymann, vice president of Benson Industries Inc.

The increased risk-shifting may jeopardize contractors that are not used to assuming such liability. Newtron Group President John Schempf says, “We expect that some contractors will struggle financially to compete with contractors that have regularly accepted risk in the past.”

Subcontractors also worry about other contract terms. At the project level, “we have seen a shift in overall management responsibilities that owners put on demolition contractors,” says David H. Griffin Jr., president of D.H. Griffin Cos. The industry is shifting toward a “design and deconstruct” model, with owners requesting complete technical and strategic plans at the beginning of the bidding process, particularly in the power industry, he says.

The increasing use of so-called owner-controlled insurance programs (OCIPs) and contractor-controlled insurance programs (CCIPs) is a cause of concern, too. “The problem arises when the OCIP or CCIP insurance doesn’t provide the same coverage your own insurance normally provides, both in coverage and deductibles,” says Richard Pennington, executive vice president of Dorvin D. Leis Co.

A perennial problem for subcontractors is getting fully paid in a timely manner. A sign of this problem is found in the results of the Top 600 survey. Over the past three years, the average percentage of late payments and the average number of days late have remained consistent. In fact, the average number of days late has increased to 37.2 in 2017 from 35.6 in 2015.

“These payment delays affect the industry as a whole, [resulting in] higher prices to cover lost interest and earnings, lawsuits for damages and delays in timely payments. Quick pay must be the hot topic going forward,” says Jim Verner, president of Acousti Engineering Co. of Florida.

For many subcontractors, payment transparency is critical. “Most contracts around the country have pay-when-paid clauses,” says Nelson of ASA. But subs often don’t know when the GC is paid, so they don’t know when they should expect their own payment. She notes that some cities, such as San Antonio and the District of Columbia, already publish on their websites their disbursements to contractors, giving subs a heads-up on when their progress payments should be expected.

Now, the state of California Legislature has passed a statewide requirement that mandates all state agencies to publish in the state contracts register notice of progress payments made to prime contractors within 10 days of payment. And Congress has proposed a federal Small Business Act [H.R. 2350] amendment that would impose similar



Hiring a team of mechanical engineers “is a big step for us as an electrical subcontractor because now we can offer even more of a holistic solution to our customers.”

Lauren Permuy,
Vice President of
Business
Development,
Power Design

requirements on federal agencies for progress payments on federal projects.

Staff Shortages

Perhaps the biggest issue among subcontractors is the growing staff shortages around the country. “Young people just aren’t seeking out skilled training at the rate that they’re seeking out college degrees, despite the good wages and challenging work,” says John Boncher, president and CEO of Cupertino Electric Inc. He says Cupertino has been educating students and their parents about what a career in the skilled trades can offer. “We need to update our approach, embrace social media and getting this next generation excited about a future in the construction industry.”

Many firms worry that the Trump administration’s continuing efforts to limit immigration may hurt the industry. “What hurts is the clamping down on workers from other countries and the policy of not allowing guest workers,” says Permuy. “This will continue to negatively impact costs to the industry.”

Retaining qualified people is a key to success. Guzzi of Emcor says workers are looking to firms that will pro-

THE TOP 50 FIRMS IN ELECTRICAL

RANK 2017	2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16	RANK 2017	2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	1	QUANTA SERVICES	4,850.1	-2	26	30	DAVIS H. ELLIOT CO.	295.2	+17
2	3	ROSENDIN ELECTRIC	1,959.3	+80	27	24	PARSONS ELECTRIC	282.7	+4
3	2	EMCOR GROUP INC.	1,717.6	+25	28	27	MOTOR CITY ELECTRIC CO.	279.0	+5
4	4	MYR GROUP INC.	1,142.0	+8	29	37	WALKER ENGINEERING INC.	270.0	+31
5	5	CUPERTINO ELECTRIC INC.	714.7	-6	30	31	FISK ELECTRIC CO.	263.6	+11
6	6	MMR GROUP INC.	695.0	-1	31	28	SPRIG ELECTRIC	260.8	+0
7	7	M.C. DEAN INC.	643.6	+3	32	34	HATZEL & BUEHLER INC.	256.4	+15
8	10	MASTEC INC.	616.2	+22	33	29	MILLER ELECTRIC CO.	249.1	-4
9	8	FIVE STAR ELECTRIC CORP.	566.7	+3	34	**	PHALCON LTD.	243.0	NA
10	15	MDU CONSTRUCTION SERVICES GROUP INC.	547.4	+28	35	25	NEW RIVER ELECTRICAL CORP.	241.5	-11
11	11	HELIIX ELECTRIC	524.7	+17	36	35	SACHS ELECTRIC CO.	233.3	+5
12	17	MORROW-MEADOWS CORP.	513.1	+34	37	38	CSI ELECTRICAL CONTRACTORS INC.	222.1	+16
13	16	FAITH TECHNOLOGIES, INC.	483.2	+13	38	**	PRIME ELECTRIC	216.7	NA
14	9	BERGELECTRIC CORP.	483.2	-5	39	36	COCHRAN INC.	202.4	-7
15	12	THE NEWTRON GROUP	450.0	+2	40	**	UNITY INTERNATIONAL GROUP	197.2	NA
16	**	IES HOLDINGS INC.	448.5	NA	41	**	BAKER ELECTRIC INC.	183.5	+37
17	13	ALDRIDGE ELECTRIC INC.	440.2	+3	42	33	INGLETT & STUBBS LLC	182.0	-21
18	14	CONTI CORP.	439.4	+3	43	40	GAYLOR ELECTRIC INC.	180.0	+4
19	26	POWER DESIGN INC.	397.0	+49	44	48	TRI-CITY ELECTRICAL CONTRACTORS INC.	178.3	+21
20	19	REDWOOD ELECTRIC GROUP INC.	375.0	+7	45	44	THE MORSE GROUP INC.	173.1	+9
21	20	CACHE VALLEY ELECTRIC CO.	366.3	+7	46	39	LAKE ERIE ELECTRIC COS.	171.2	-5
22	21	ISC CONSTRUCTORS LLC	352.0	+7	47	46	TRI-CITY ELECTRIC CO.	165.3	+6
23	23	WAYNE J. GRIFFIN ELECTRIC INC.	333.6	+10	48	42	THE STATE GROUP INC.	163.3	-2
24	22	E-J ELECTRIC INSTALLATION CO.	323.0	+3	49	**	SULLIVAN & MCLAUGHLIN COS. INC.	163.0	NA
25	18	HUNT ELECTRIC CORP.	311.0	-13	50	45	EGAN CO.	160.7	+2

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

vide basic security. He says workers are asking, "Are you going to pay me at the end of every week, and are you going to make sure the jobsite is safe? Do you have supervisors who will provide leadership? And if I do a good job, can I expect to become a regular member of the team?" Keeping these issues in mind during the downturn and throughout the long recovery, Emcor has worked hard to answer yes to all these questions.

However, Nelson of ASA points out that, if the industry goes into recession in the next year or two, the loss of workers could have a devastating long-term impact on the industry workforce. "The baby-boom generation, who continued to come back time and again after cutbacks in previous industry recessions, may decide to hang it up if they are laid off or end up being put on short hours during the next recession," she says. Further, Nelson points out that the younger generation of workers who haven't experienced the cyclical nature of the industry may decide they are better off in other industries, rather than holding on or returning to construction after their first down cycle rebounds, leaving the industry's staffing crisis even more severe.

One plus in the recruitment of young people is the



"The baby-boom generation ... may decide to hang it up if they are laid off or end up being put on short hours during the next recession."

E. Colette Nelson, Chief Advocacy Officer, American Subcontractors Association

recent Trump administration move to expand apprenticeship programs. Goodrich of Gaylor Electric believes this action will be a big boost to the industry. "Approving high-quality, industry-recognized apprenticeship programs will go a long way toward bridging the skills gap and training the construction workforce we need today and tomorrow," he says. Across the country in 1,400 locations, ABC has built a network of chapters and affiliated training centers that offer more than 800 apprenticeship, craft, safety and management training programs to build the people who build America, he says.

A legal issue for subcontractors is workers' compensation. Nelson says there are concerns that an aging workforce may increase the number of on-site accidents, putting pressure on workers'-comp rates.

Some contractors say there is not enough policing of questionable workers'-comp claims. "We would like to see more attention given to fitness for duty as a way to mitigate this situation," says Victor E. Salerno, CEO of O'Connell Electric Co. Inc.

However, a Texas trial court's recent workers'-compensation ruling has many in the industry and insurance watching carefully. It concerns "exclusive remedy"

THE TOP 50 FIRMS IN MECHANICAL

RANK 2017	2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16	RANK 2017	2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	1	EMCOR GROUP INC.	3,503.6	+10	26	38	MECHANICAL INC.	209.1	+56
2	2	COMFORT SYSTEMS USA	1,340.2	+3	27	**	TERRA MILLENNIUM CORP.	196.0	NA
3	3	ACCO ENGINEERED SYSTEMS	806.2	+12	28	23	JOHN E. GREEN CO.	194.4	+3
4	7	SOUTHLAND INDUSTRIES	748.3	+78	29	29	KSW MECHANICAL	185.2	+20
5	6	API GROUP INC.	730.4	+57	30	28	COASTAL MECHANICAL SERVICES GROUP	180.2	+17
6	5	MCKINSTRY	496.0	+3	31	33	HILL MECHANICAL CORP.	177.9	+20
7	9	TEAM INDUSTRIAL SERVICES	480.0	+54	32	26	RK MECHANICAL INC.	176.9	-1
8	4	TDINDUSTRIES INC.	456.0	-15	33	31	IVEY MECHANICAL CO.	176.1	+16
9	8	HARRIS COS.	448.2	+10	34	**	MB MECHANICALS HOLDINGS	175.4	NA
10	12	LIMBACH FACILITY SERVICES	447.0	+50	35	**	RMF NOOTER INC.	173.9	NA
11	20	APOLLO MECHANICAL CONTRACTORS	341.5	+47	36	27	E.M. DUGGAN INC.	154.7	-12
12	14	MCKENNEY'S INC.	314.0	+17	37	**	CECO CONSTRUCTION GROUP	149.9	+212
13	13	THE BRANDT COS. LLC	291.2	+5	38	**	P1 GROUP INC.	145.2	NA
14	18	AZCO INC.	290.5	+25	39	35	DORVIN D. LEIS CO. INC.	144.0	+5
15	**	PAN-PACIFIC MECHANICAL LLC	290.0	NA	40	45	J.F. AHERN CO.	137.9	+28
16	**	KIRLIN GROUP	289.2	NA	41	32	SAUER HOLDINGS INC.	132.7	-12
17	30	MACDONALD MILLER FACILITY SOLUTIONS	274.0	+79	42	**	MDU CONSTRUCTION SERVICES GROUP INC.	128.8	+54
18	17	MURPHY CO. MECHANICAL CONT'RS AND ENG'RS	272.3	+17	43	34	MCCARL'S INC.	128.7	-13
19	11	WDF	263.7	-12	44	41	LETSOS CO.	126.1	+6
20	21	U.S. ENGINEERING CO.	251.0	+14	45	39	A.O. REED & CO.	125.3	-4
21	16	MMC CONTRACTORS INC.	230.0	-4	46	49	SHAPIRO & DUNCAN INC.	122.5	+24
22	24	HARDER MECHANICAL CONTRACTORS INC.	228.6	+27	47	46	MTECH MECHANICAL	120.5	+16
23	19	MURRAY CO.	225.0	-3	48	**	AMPAM PARKS MECHANICAL	117.0	NA
24	10	CRITCHFIELD MECHANICAL INC.	221.0	-28	49	37	WORTH AND CO.	114.3	-15
25	25	J.C. CANNISTRARO LLC	220.5	+23	50	44	GRUNAU CO.	114.0	+4

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

THE TOP 20 FIRMS IN MASONRY

RANK 2017	RANK 2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	1	MC GEE BROTHERS CO. INC.	89.8	+8
2	2	WESTERN SPECIALTY CONTRACTORS	60.6	-16
3	4	NORTHLAND CONCRETE & MASONRY CO. LLC	49.1	+19
4	**	J&E COS.	47.9	NA
5	11	C.A. LINDMAN COS.	42.4	+75
6	7	IMS MASONRY INC.	39.6	+29
7	**	STRUCTURAL GROUP INC.	35.8	NA
8	10	BRAZOS MASONRY INC.	35.3	+26
9	5	SEEDORFF MASONRY INC.	31.8	-11
10	6	DEE BROWN INC.	27.6	-22
11	13	JOHN SMITH MASONRY	26.7	+23
12	12	BRODIE CONTRACTORS INC.	25.1	+6
13	**	MASONRY BUILDERS INC.	24.8	NA
14	14	THE WITMER GROUP	20.7	0
15	17	SHADROCK AND WILLIAMS MASONRY	19.5	+23
16	16	INTERNATIONAL CHIMNEY CORP.	14.4	-15
17	**	RD MASONRY	9.7	NA
18	**	CECO CONSTRUCTION GROUP	6.0	NA
19	**	NOVA HOTEL RENOVATION & CONSTRUCTION	5.5	NA
20	18	NATIONAL RESTORATION SYSTEMS INC.	4.8	-10

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THE TOP 20 FIRMS IN CONCRETE

RANK 2017	RANK 2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	1	BAKER CONSTRUCTION ENTERPRISES INC.	850.0	+13
2	5	LITHKO CONTRACTING LLC	542.2	+43
3	**	BRANDSAFWAY	504.5	+0
4	4	STRUCTURAL GROUP INC.	412.2	+3
5	3	CECO CONSTRUCTION GROUP	395.7	-21
6	7	LARGO CONCRETE INC.	375.2	+19
7	11	CAPFORM INC.	323.5	+69
8	8	TAS COMMERCIAL CONCRETE CONSTRUCTION LLC	293.6	+15
9	10	SUNTEC CONCRETE INC.	219.5	+11
10	9	BOMEL CONSTRUCTION CO. INC.	214.2	-2
11	13	GATE PRECAST CO.	202.8	+19
12	15	KENT COS.	177.5	+18
13	16	CONCRETE STRATEGIES	167.0	+16
14	12	S&F CONCRETE CONTRACTORS INC.	159.6	-9
15	**	JOSEPH J. ALBANESE INC.	143.5	NA
16	18	CONCRETE VALUE CORP.	128.0	+16
17	**	PRECISION CONCRETE CONSTRUCTION INC.	124.9	NA
18	17	PACIFIC STRUCTURES INC.	124.1	-10
19	20	DONLEY'S	120.5	+25
20	19	MCHUGH CONCRETE CONSTRUCTION	112.7	+6

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THE TOP 20 FIRMS IN WALL AND CEILING

RANK 2017	RANK 2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	1	PERFORMANCE CONTRACTING GROUP INC.	754.1	+19
2	2	KHS&S CONTRACTORS	265.3	-10
3	4	PRECISION WALLS INC.	233.4	+27
4	5	STANDARD DRYWALL INC.	233.1	+38
5	6	CALIFORNIA DRYWALL	228.6	+39
6	10	WPI	187.7	+63
7	3	THE RAYMOND GROUP	162.0	-14
8	7	ACOUSTI ENGINEERING CO. OF FLORIDA	154.6	-6
9	8	BAKER TRIANGLE	150.7	+13
10	11	NATIONAL CONSTRUCTION ENTERPRISES INC.	118.2	+10
11	13	GREATER METROPLEX INTERIORS INC.	114.5	+42
12	**	PHILADELPHIA D&M	112.1	NA
13	9	NEVELL GROUP INC.	98.9	-20
14	18	GROUP BUILDERS INC.	91.3	+82
15	12	F.L. CRANE & SONS INC.	90.2	-7
16	16	DALEY'S DRYWALL AND TAPING INC.	84.7	+38
17	14	MIDWEST DRYWALL CO. INC.	84.2	+28
18	15	BAYSIDE INTERIORS INC.	72.6	+16
19	20	TJ WIES CONTRACTING INC.	72.2	+52
20	**	UNISTRUT CONSTRUCTION	61.6	+52

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THE TOP 20 FIRMS IN UTILITY

RANK 2017	RANK 2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	1	QUANTA SERVICES	2,799.9	+6
2	2	MASTEC INC.	2,259.3	+45
3	3	HENKELS & MCCOY GROUP	1,462.5	+14
4	**	API GROUP INC.	391.3	NA
5	4	INTREN LLC	374.4	+16
6	5	MDU CONSTRUCTION SERVICES GROUP INC.	343.4	+12
7	8	DANELLA COS. INC.	291.6	+43
8	7	BOND BROTHERS INC.	219.9	+5
9	**	RIGGS DISTLER & CO. INC.	140.1	NA
10	11	WEST VALLEY CONSTRUCTION CO. INC.	132.5	+18
11	**	PHALCON LTD.	130.8	NA
12	10	W.A. RASIC CONSTRUCTION CO.	102.6	-17
13	9	W.A. CHESTER LLC	101.6	-23
14	**	JF KIELY CONSTRUCTION	99.3	NA
15	**	DIVERSIFIED UTILITY SERVICES INC.	80.3	NA
16	12	NETWORK INFRASTRUCTURE INC.	70.6	-35
17	14	BOUDREAU PIPELINE CORP.	67.5	+7
18	15	GAINES & CO.	56.7	-2
19	13	ALEX E. PARIS CONTRACTING CO. INC.	56.0	-26
20	17	K.R. SWERDFEGER CONSTRUCTION INC.	50.5	+15

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THE TOP 20 FIRMS IN GLAZING AND CURTAIN WALL

RANK 2017	2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	**	ENCLOS CORP.	452.0	NA
2	1	HARMON	270.9	+10
3	2	BENSON INDUSTRIES INC.	260.0	+11
4	3	W&W GLASS LLC	180.0	+24
5	4	ARCHITECTURAL GLASS & ALUMINUM CO. INC.	124.0	+21
6	6	CROWN CORR INC.	122.6	+53
7	7	KARAS & KARAS GLASS CO. INC.	94.6	+42
8	**	ALLIANCE GLAZING TECHNOLOGIES	77.0	NA
9	5	PIONEER CLADDING & GLAZING SYSTEMS LLC	56.3	-31
10	10	HALEY-GREER INC.	48.0	+30
11	12	GIROUX GLASS INC.	43.7	+34
12	11	AJAY GLASS CO.	42.2	+22
13	**	FLYNN GROUP OF COS.	33.6	+125
14	16	CRAWFORD-TRACEY CORP.	31.6	+39
15	8	ARCHITECTURAL WALL SYSTEMS LLC	28.9	-47
16	**	WESTERN SPECIALTY CONTRACTORS	25.1	NA
17	17	NATIONAL ENCLOSURE CO.	24.8	+24
18	13	EGAN CO.	24.7	-21
19	14	KOVACH BUILDING ENCLOSURES	24.5	-6
20	18	H.J. MARTIN AND SON	24.2	+40

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THE TOP 20 FIRMS IN PAINTING

RANK 2017	2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	1	BRANDSAFWAY	291.6	+40
2	4	F.D. THOMAS INC.	86.7	+15
3	**	K2 INDUSTRIAL SERVICES INC.	63.9	NA
4	5	AVALOTIS CORP.	50.3	+0
5	6	SWANSON & YOUNGDALE INC.	43.4	-11
6	7	HARTMAN WALSH INDUSTRIAL SERVICES	43.3	+8
7	8	THOMAS INDUSTRIAL COATINGS INC.	39.1	+0
8	10	JERRY THOMPSON & SONS	38.4	+2
9	9	DUNKIN & BUSH INC.	37.9	-1
10	11	ASCHER BROTHERS CO. INC.	36.8	+2
11	12	LONG PAINTING CO.	36.1	+23
12	13	GEORGE E. MASKER INC.	34.9	+22
13	18	GRAYDAZE CONTRACTING INC.	30.3	+39
14	16	HARRISON CONTRACTING CO. INC.	28.9	+21
15	15	BAKER PAINT & CONTRACTING CO. INC.	28.5	+14
16	20	THOMARIOS	26.5	+25
17	17	INTECH CONTRACTING LLC	26.3	+15
18	**	NATIONAL COATINGS	23.1	NA
19	14	CERTIFIED COATINGS CO.	20.5	-20
20	**	COATINGS UNLIMITED INC.	20.1	NA

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THE TOP 20 FIRMS IN EXCAVATION AND FOUNDATION

RANK 2017	2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	1	HAYWARD BAKER INC., A KELLER CO.	526.1	-6
2	5	MALCOLM DRILLING CO. INC.	285.1	+2
3	4	BERKEL & CO. CONTRACTORS INC.	246.0	-17
4	3	MASTEC INC.	205.4	-46
5	7	MANAFORT BROTHERS INC.	197.2	+13
6	15	J. DERENZO CO.	175.0	+42
7	6	BEAVER EXCAVATING CO.	173.0	-8
8	**	MORETRENCH	171.6	NA
9	**	INDEPENDENCE EXCAVATING INC.	165.4	+141
10	12	REMEDIAL CONSTRUCTION SERVICES LP	164.7	+20
11	13	RYAN INC. CENTRAL	159.6	+22
12	18	PLATEAU EXCAVATION INC.	156.2	+33
13	9	CASE FOUNDATION CO., A KELLER CO.	152.3	+2
14	8	VEIT & CO. INC.	144.3	-10
15	17	CONDON-JOHNSON & ASSOCIATES	138.8	+15
16	**	LANDMARK CONSTRUCTION CO. INC.	114.4	NA
17	19	DRILL TECH DRILLING & SHORING	109.8	+4
18	14	MCKINNEY DRILLING CO., A KELLER CO.	107.9	-13
19	16	HJ FOUNDATION, A KELLER CO.	100.8	-17
20	**	KELLER (CANADA), A KELLER CO.	96.7	-7

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THE TOP 20 FIRMS IN ROOFING

RANK 2017	2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	1	CENTIMARK CORP.	528.6	+3
2	2	BAKER ROOFING CO.	192.8	-5
3	**	NATIONS ROOF	148.5	NA
4	**	PANELIZED STRUCTURES INC.	135.9	NA
5	3	KALKREUTH ROOFING AND SHEET METAL	114.9	+13
6	8	FLYNN GROUP OF COS.	93.4	+87
7	**	HOLLAND ROOFING GROUP	73.0	NA
8	**	BEST CONTRACTING SERVICES INC.	70.0	NA
9	4	SCHREIBER CORP.	67.0	+3
10	6	LATITE ROOFING LLC	63.0	+22
11	10	KPOST CO.	52.5	+39
12	7	DOUGLASS COLONY GROUP	50.0	-1
13	9	THE BULLDOG GROUP INC.	48.4	+4
14	14	THE ROOF DEPOT INC.	44.1	+52
15	13	ORNDORFF & SPAID INC.	39.7	+19
16	11	KING OF TEXAS ROOFING CO. LP	36.2	+2
17	15	WAYNE'S ROOFING INC.	34.6	+21
18	**	ALCAL SPECIALTY CONTRACTING	33.6	NA
19	5	BIRDAIR INC.	32.5	-48
20	17	SUTTER ROOFING	25.6	+18

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

THE TOP 20 FIRMS IN DEMOLITION AND WRECKING

RANK 2017	2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	1	NORTHSTAR GROUP SERVICES INC.	286.8	-10
2	2	PENHALL CO.	211.7	+5
3	3	BRANDENBURG INDUSTRIAL SERVICE CO.	189.0	+7
4	4	D.H. GRIFFIN WRECKING CO. INC.	143.4	-4
5	6	BIERLEIN COS. INC.	78.1	-2
6	8	INDEPENDENCE EXCAVATING INC.	64.3	+40
7	7	JDC DEMOLITION CO. INC.	64.0	-7
8	11	NASDI LLC	52.8	+70
9	**	PRECISION DEMOLITION LLC	47.3	NA
10	14	MANAFORT BROTHERS INC.	35.1	+23
11	9	O'ROURKE WRECKING CO.	34.3	+2
12	13	NORTH AMERICAN DISMANTLING CORP.	32.0	+7
13	10	MIDWEST STEEL CO. INC.	28.1	-12
14	15	CHERRY COS.	22.2	-16
15	19	ERSI	21.8	+2
16	20	SIERRA PACIFIC WEST INC.	17.5	-4
17	**	CONCRETE CUTTING & BREAKING CO.	16.7	+5
18	18	VEIT & CO. INC.	15.6	-29
19	**	R. BAKER & SON	14.4	-20
20	**	L. M. SESSLER EXCAVATING & WRECKING INC.	12.0	+20

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THE TOP 20 FIRMS IN ASBESTOS ABATEMENT

RANK 2017	2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	1	NORTHSTAR GROUP SERVICES INC.	205.6	-27
2	2	P.A.L. ENVIRONMENTAL SAFETY CORP.	100.0	-4
3	3	PERFORMANCE CONTRACTING GROUP INC.	48.6	+9
4	4	PRECISION ENVIRONMENTAL CO.	41.9	+0
5	5	ENVIRONMENTAL HOLDINGS GROUP LLC	39.5	+3
6	6	ARC ABATEMENT	35.8	-3
7	15	DEMOLITION & ASBESTOS REMOVAL INC.	30.5	+62
8	13	EARTH SERVICES & ABATEMENT INC.	28.5	+42
9	7	IREX CONTRACTING GROUP	25.3	-26
10	10	PRISM RESPONSE INC.	24.7	-3
11	12	MIDWEST SERVICE GROUP	23.8	+15
12	11	AMERICAN TECHNOLOGIES INC.	22.8	-4
13	14	NEUROADS ENVIRONMENTAL SERVICES	21.6	+8
14	9	THE BROCK GROUP	21.0	-20
15	16	WINTER ENV'L, DIV. OF WINTER CONST. CO.	18.0	+1
16	18	INTERNATIONAL ASBESTOS REMOVAL INC.	17.7	+27
17	**	HEPACO LLC	15.3	+914
18	19	AAC CONTRACTING INC.	11.7	-2
19	20	SPRAY SYSTEMS ENVIRONMENTAL	11.0	-1
20	**	CERTIFIED COATINGS CO.	8.8	**

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THE TOP 20 FIRMS IN SHEET METAL

RANK 2017	2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	2	SUPERIOR AIR HANDLING	188.9	+21
2	**	THE MCDUGALL FAMILY OF COS.	115.0	NA
3	10	CROWN CORR INC.	104.4	+113
4	4	HILL MECHANICAL CORP.	75.1	-15
5	6	MG MCGRATH	59.1	-17
6	7	POYNTER SHEET METAL	58.5	-3
7	8	DEE CRAMER INC.	54.2	+2
8	**	BONLAND INDUSTRIES INC.	53.2	NA
9	13	A.C. DELLOVADE INC.	40.8	+14
10	15	MMC CONTRACTORS INC.	40.6	+24
11	16	J. F. AHERN CO.	32.3	+25
12	18	FLYNN GROUP OF COS.	32.1	+41
13	**	P1 GROUP INC.	30.8	NA
14	11	BAKER GROUP	30.6	-29
15	**	POLK MECHANICAL CO. LLC	30.1	NA
16	12	KOVACH BUILDING ENCLOSURES	30.0	-23
17	**	BEST CONTRACTING SERVICES INC.	24.9	NA
18	17	DOUGLASS COLONY GROUP	24.7	-1
19	**	HERMANSON CO. LLP	22.1	NA
20	19	VIDIMOS INC.	20.7	+2

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THE TOP 20 FIRMS IN STEEL ERECTION

RANK 2017	2016	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16
1	1	SCHUFF STEEL CO.	464.6	-1
2	2	MIDWEST STEEL	155.4	+19
3	4	BUCKNER COS.	123.8	+32
4	3	SME STEEL	102.5	+4
5	6	BASDEN STEEL CORP.	90.0	+20
6	12	THE WILLIAMS GROUP	78.0	+85
7	7	NATIONAL STEEL CITY LLC	73.0	+0
8	8	SURE STEEL INC.	71.1	+27
9	10	LPR CONSTRUCTION	49.8	+3
10	16	SOWLES CO.	47.3	+44
11	11	AREA ERECTORS INC.	44.2	-1
12	5	DANNY'S CONSTRUCTION CO. LLC	42.3	-46
13	14	CSE INC.	41.3	+5
14	19	APEX STEEL INC.	36.4	+47
15	15	SUPERIOR RIGGING & ERECTING CO. INC.	29.7	-24
16	18	PITTSBURG TANK & TOWER GROUP INC.	27.6	+10
17	**	PATRIOT ERECTORS INC.	24.6	+2
18	**	RK MECHANICAL INC.	22.4	NA
19	20	CENTURY STEEL ERECTORS CO. LP	20.1	-18
20	17	DUNN BUILDING CO. LLC	19.9	-27

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THE TOP 20 FIRMS IN FIRE PROTECTION AND SPRINKLERS

RANK 2017	RANK 2016*	FIRM	(\$ MIL.) 2016 REV.	% CHANGE '15-'16*
1	1	API GROUP INC.	1,069.5	+4
2	2	EMCOR GROUP INC.	304.0	+13
3	3	J.F. AHERN CO.	123.2	+23
4	5	WAYNE AUTOMATIC FIRE SPRINKLERS INC.	95.0	+22
5	**	KIRLIN GROUP	52.6	NA
6	7	MDU CONSTRUCTION SERVICES GROUP INC.	32.2	+16
7	8	J.C. CANNISTRARO LLC	25.9	-3
8	10	HILL MECHANICAL CORP.	25.0	+7
9	13	PITTSBURG TANK & TOWER GROUP INC.	22.1	+10
10	12	JOHN E. GREEN CO.	21.6	+3
11	14	HAMPSHIRE FIRE PROTECTION	20.2	+0
12	9	APS FIRE CO.	20.1	-24
13	11	WDF	16.8	-27
14	**	K2 INDUSTRIAL SERVICES INC.	14.2	NA
15	17	AMERICAN FIRE TECHNOLOGIES	13.2	+10
16	15	ARDEN BUILDING COS. LLC	12.2	-7
17	**	THOMAS G. GALLAGHER INC.	10.8	NA
18	19	CONTI CORP.	9.6	+2
19	20	WYATT INC.	8.7	+9
20	21	THE PIPCO COS. LTD.	8.6	+25

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

Museums

Baker's Band of Brothers



Baker Concrete Construction (**No. 15**) is building the cylindrical cast-in-place concrete structure for the National Veterans Memorial and Museum, in Columbus, Ohio. The exhibition areas will feature exposed concrete, wood flooring and custom ceilings. The 55,000-sq-ft venue will feature a central Cyclorama space, a rooftop sanctuary, a Memorial Grove, and grounds with views of the nearby Scioto River. The museum is scheduled to open in summer 2018. Turner Construction is the general contractor. ■

provisions in workers'-comp laws, barring injured workers from suing their employers if the employer is covered by state-authorized workers'-comp insurance.

Texas A&M University awarded a \$4.5-million contract to expand and renovate Kyle Field on the campus at College Station. The job was covered by an OCIP, including a workers'-comp policy that covered the GC and major subcontractors.

A worker was killed on the job, and his family sued the GC and several subcontractors for wrongful death. Despite a Texas law that says workers' comp is the exclusive remedy for worker injuries and deaths, a Texas

On the Web

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Lists**, see **ENR.com/toplists**.

trial court ruled in Manhattan | Vaughn, JVP v. Garcia that, since neither the GC nor the subs were the direct purchaser of the workers'-comp insurance and were only OCIP subscribers, workers' comp was not the exclusive remedy for a worker's death. The court upheld the jury's \$53.8-million wrongful-death verdict.

ASA and other organizations are working to overturn this ruling. Nelson of ASA says the decision conflicts with other rulings on the issue in Texas and elsewhere and hopes the Houston court of appeals will reverse it. Still, this is "a scary scenario" if other courts start looking at this case for guidance, she says. ■

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 2016 in (\$) millions from specialty contracting in a prime or subcontracting capacity. Firms

that were not ranked in 2015 are designated by double asterisks (**). New contract awards refer to contracts awarded in 2016. 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 2017	2016	FIRM	FIRM TYPE	2016 REVENUE (\$ MIL)		MARKETS (% OF 2016 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	7,650.0	5,850.0	0	0	63	0	0	0	0	0	0	
2	2	EMCOR GROUP INC., Norwalk, Conn. ²	M/O/E	7,600.0	7,700.0	53	20	3	0	5	0	10	0	0	
3	3	MASTEC INC., Coral Gables, Fla. ³	U/O/E	5,134.7	5,419.0	0	0	22	0	0	38	0	0	40	
4	6	BRANDSAFWAY, Kennesaw, Ga. ⁴	O/C	4,628.6	4,628.6	24	1	11	0	0	53	0	0	0	
5	5	API GROUP INC., New Brighton, Minn. ⁵	F/M/O	2,608.5	2,996.8	45	10	5	0	0	23	9	0	8	
6	11	ROSENDIN ELECTRIC, San Jose, Calif.	E	1,959.3	1,656.0	65	1	8	0	1	0	15	0	2	
7	8	HENKELS & MCCOY GROUP, Blue Bell, Pa. ⁷	U	1,507.7	1,199.5	0	0	46	1	0	40	0	0	11	
8	7	THE BROCK GROUP, Houston, Texas	O	1,356.0	NA	6	0	7	0	0	87	0	0	0	
9	9	COMFORT SYSTEMS USA, Houston, Texas ⁹	M	1,340.2	1,391.9	77	0	0	0	0	23	0	0	0	
10	10	PERFORMANCE CONTRACTING GROUP INC., Lenexa, Kan. ¹⁰	W/O	1,216.2	1,274.7	58	14	14	0	1	5	5	0	0	
11	16	TEAM INDUSTRIAL SERVICES, Sugar Land, Texas ¹¹	O/M	1,200.0	NA	0	0	20	0	0	80	0	0	0	
12	12	MYR GROUP INC., Rolling Meadows, Ill.	E	1,142.0	NA	20	0	1	0	2	2	4	0	0	
13	13	MDU CONSTRUCTION SERVICES GROUP INC., Bismarck, N.D. ¹³	E/U/M	1,073.3	1,055.3	56	0	32	0	0	10	0	0	0	
14	14	ACCO ENGINEERED SYSTEMS, Glendale, Calif.	M	971.3	992.0	100	0	0	0	0	0	0	0	0	
15	18	BAKER CONSTRUCTION ENTERPRISES INC., Monroe, Ohio	C	850.0	880.0	70	12	3	0	0	3	12	0	0	
16	15	MVERGE, Indianapolis, Ind. ¹⁶	U	813.3	366.0	0	0	0	5	0	0	0	0	0	
17	25	SOUTHLAND INDUSTRIES, Dulles, Va.	M	748.3	1,137.0	100	0	0	0	0	0	0	0	0	
18	17	CUPERTINO ELECTRIC INC., San Jose, Calif.	E	714.7	NA	50	0	8	0	0	0	5	0	7	
19	19	MMR GROUP INC., Baton Rouge, La.	E	695.0	485.0	0	10	5	0	0	80	0	0	5	
20	21	M.C. DEAN INC., Dulles, Va.	E	643.6	709.3	53	2	0	0	3	2	30	0	10	
21	**	IES HOLDINGS INC., Houston, Texas ²¹	E/O	638.0	661.9	0	0	0	0	0	0	0	0	0	
22	22	CENTIMARK CORP., Canonsburg, Pa. ²²	R/O	625.8	640.0	100	0	0	0	0	0	0	0	0	
23	23	MCKINSTRY, Seattle, Wash.	M/E	620.0	620.0	100	0	0	0	0	0	0	0	0	
24	24	CECO CONSTRUCTION GROUP, Kansas City, Mo.	C/MA/D	599.5	612.2	74	0	0	0	0	24	2	0	0	
25	29	STEELFAB INC., Charlotte, N.C. ²⁵	O	575.5	405.7	65	20	5	0	0	0	10	0	0	
26	20	NORTHSTAR GROUP SERVICES INC., New York, N.Y. ²⁶	D/A	572.9	601.6	25	19	10	0	0	16	5	25	0	
27	27	FIVE STAR ELECTRIC CORP., Ozone Park, N.Y.	E	566.7	300.6	40	0	0	0	1	0	50	0	9	
28	42	LITHKO CONTRACTING LLC, West Chester, Ohio	C	542.2	489.0	95	5	0	0	0	0	0	0	0	
29	34	BOND BROTHERS INC., Everett, Mass. ²⁹	U	536.4	500.6	69	0	0	0	0	0	7	0	0	
30	26	HAYWARD BAKER INC., A KELLER CO., Hanover, Md.	X	526.1	481.8	53	5	4	2	7	8	21	0	0	
31	33	HELIX ELECTRIC, San Diego, Calif.	E	524.7	835.0	60	10	0	0	5	5	10	0	0	
32	41	MORROW-MEADOWS CORP., City of Industry, Calif.	E	513.1	422.1	75	0	0	0	0	0	10	0	10	
33	38	FAITH TECHNOLOGIES INC., Menasha, Wis.	E	483.2	353.0	48	34	12	0	1	1	1	1	2	
34	30	BERGELECTRIC CORP., Los Angeles, Calif.	E	483.2	419.9	75	10	0	0	5	0	5	0	5	
35	32	CONTI CORP., Sterling Heights, Mich.	E	477.6	426.3	41	28	1	0	1	9	9	0	11	
36	36	UNIVERSAL PLANT SERVICES INC., Deer Park, Texas ³⁶	O	470.8	495.0	0	0	5	0	0	80	0	0	0	
37	31	SCHUFF STEEL CO., Phoenix, Ariz.	ST	464.6	650.0	66	25	2	0	0	6	1	0	0	
38	28	TDINDUSTRIES INC., Dallas, Texas	M	456.0	350.0	93	5	0	0	0	0	2	0	0	
39	**	ENCLOS CORP., Eagan, Minn.	G	452.0	160.0	98	0	0	0	0	0	2	0	0	
40	35	THE NEWTRON GROUP, Baton Rouge, La.	E	450.0	260.0	0	0	20	0	0	80	0	0	0	
41	39	HARRIS COS., St. Paul, Minn.	M	448.2	392.9	87	3	3	0	0	0	0	7	0	
42	40	STRUCTURAL GROUP INC., Columbia, Md.	C	448.0	515.0	33	0	17	8	0	30	12	0	0	
43	50	LIMBACH FACILITY SERVICES, Pittsburgh, Pa.	M	447.0	504.0	100	0	0	0	0	0	0	0	0	
44	37	ALDRIDGE ELECTRIC INC., Libertyville, Ill.	E	440.2	390.0	5	0	50	0	0	0	45	0	0	
45	**	TERRA MILLENNIUM CORP., Richmond, Calif. ⁴⁵	O/M	416.4	378.0	1	0	17	0	0	82	0	0	0	
46	43	THE BRANDT COS. LLC, Carrollton, Texas	M/E	416.0	299.9	70	15	5	0	5	5	0	0	0	
47	70	POWER DESIGN INC., St. Petersburg, Fla.	E	397.0	435.0	100	0	0	0	0	0	0	0	0	
48	54	LARGO CONCRETE INC., Tustin, Calif.	C	375.2	425.0	100	0	0	0	0	0	0	0	0	
49	46	REDWOOD ELECTRIC GROUP INC., Santa Clara, Calif.	E	375.0	400.0	70	0	0	0	0	0	10	0	20	
50	53	INTREN LLC, Union, Ill.	U	374.4	450.0	0	0	0	0	0	0	0	0	0	

FOOTNOTES: 2 = BUILDING SERVICES 3 = STEEL FABRICATION / PIPELINE CONSTRUCTION AND MAINTENANCE 4 = TELECOM AND OTHER 5 = WORK ACCESS, INSULATION AND RELATED SERVICES 7 = TELEDATA 8 = SCAFFOLDING, COATINGS, INSULATION 10 = INSULATION-33 RIGGING-1 11 = NDE 13 = OTHER 16 = PIPELINE CONSTRUCTION 21 = LOW-VOLTAGE WORK 22 = FLOORING 25 = STRUCTURAL-STEEL FABRICATION 26 = DESIGN-BUILD 29 = GENERAL BUILDING 36 = FIXED AND ROTATING EQUIPMENT SERVICES 45 = REFRACTORY

RANK 2017	RANK 2016	FIRM	FIRM TYPE	2016 REVENUE (\$ MIL)		MARKETS (% OF 2016 REVENUE)									
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM	
51	**	PHALCON LTD., Farmington, Conn.	E/U	373.8	451.2	45	5	25	0	5	10	0	0	10	
52	49	CACHE VALLEY ELECTRIC CO., Logan, Utah	E	366.3	349.3	27	0	0	0	0	30	6	0	16	
53	52	ISC CONSTRUCTORS LLC, Baton Rouge, La.	E	352.0	NA	0	0	0	0	0	100	0	0	0	
54	**	KIRLIN GROUP, Rockville, Md.	M/O	341.9	404.4	83	2	0	0	5	0	10	0	0	
55	87	APOLLO MECHANICAL CONTRACTORS, Kennewick, Wash.	M	341.5	175.0	50	10	0	0	0	35	0	0	0	
56	47	THE STATE GROUP INC., Evansville, Ind.	E/M/C	340.2	294.7	5	23	11	0	0	48	12	0	1	
57	57	WAYNE J. GRIFFIN ELECTRIC INC., Holliston, Mass.	E	333.6	339.3	69	6	3	0	6	0	8	0	8	
58	48	BARNHART CRANE AND RIGGING CO., Memphis, Tenn. ⁵⁸	O	328.7	300.0	5	0	30	0	0	60	5	0	0	
59	110	CAPFORM INC., Carrollton, Texas	C	323.5	206.6	100	0	0	0	0	0	0	0	0	
60	55	E-J ELECTRIC INSTALLATION CO., Long Island City, N.Y.	E	323.0	85.0	30	0	30	0	0	0	30	0	10	
61	61	ISEC INC., Greenwood Village, Colo. ⁶¹	O	321.1	393.6	100	0	0	0	0	0	0	0	0	
62	69	MCKENNEY'S INC., Atlanta, Ga.	M	314.0	314.0	100	0	0	0	0	0	0	0	0	
63	45	HUNT ELECTRIC CORP., Bloomington, Minn.	E	311.0	256.2	45	15	8	0	0	17	5	0	10	
64	79	DAVIS H. ELLIOT CO., Lexington, Ky.	E	295.2	200.0	5	0	0	0	0	0	0	0	0	
65	115	MECHANICAL INC., Freeport, Ill.	M/X	294.1	318.4	73	5	0	1	3	0	18	0	0	
66	77	TAS COMMERCIAL CONCRETE CONSTRUCTION LLC, Houston, Texas	C	293.6	270.0	100	0	0	0	0	0	0	0	0	
67	85	J.F. AHERN CO., Fond du Lac, Wis.	M/O	293.5	215.8	43	32	8	4	8	5	0	0	0	
68	99	DANELLA COS. INC., Plymouth Meeting, Pa.	U	291.6	190.0	0	0	49	2	0	0	2	0	47	
69	82	AZCO INC., Appleton, Wis.	M	290.5	285.0	0	2	77	0	0	21	0	0	0	
70	**	PAN-PACIFIC MECHANICAL LLC, Fountain Valley, Calif.	M	290.0	157.3	98	0	0	0	0	0	2	0	0	
71	64	MALCOLM DRILLING CO. INC., San Francisco, Calif.	X	285.1	365.8	25	2	0	0	3	0	70	0	0	
72	67	PARSONS ELECTRIC, Minneapolis, Minn.	E	282.7	212.1	38	4	3	0	0	11	5	0	19	
73	51	WDF, Mount Vernon, N.Y.	M	280.5	252.9	65	0	0	0	18	0	17	0	0	
74	71	MOTOR CITY ELECTRIC CO., Detroit, Mich.	E	279.0	152.8	20	42	0	4	2	20	2	0	10	
75	74	HILL MECHANICAL CORP., Franklin Park, Ill.	M/SH	278.0	325.7	88	0	0	0	0	0	12	0	0	
76	76	MACDONALD MILLER FACILITY SOLUTIONS, Seattle, Wash.	M	274.0	320.0	100	0	0	0	0	0	0	0	0	
77	86	MURPHY CO. MECHANICAL CONTRACTORS AND ENGINEERS, St. Louis, Mo.	M	272.3	211.3	38	49	1	0	0	12	0	0	0	
78	80	HARMON, Bloomington, Minn.	G	270.9	336.3	100	0	0	0	0	0	0	0	0	
79	65	MMC CONTRACTORS INC., Overland Park, Kan.	M/SH	270.6	369.4	85	10	5	0	0	0	0	0	0	
80	101	WALKER ENGINEERING INC., Irving, Texas	E	270.0	250.0	50	0	0	0	15	10	5	0	20	
81	62	KHS&S CONTRACTORS, Tampa, Fla.	W	265.3	265.3	100	0	0	0	0	0	0	0	0	
82	81	FISK ELECTRIC CO., Houston, Texas	E	263.6	232.1	50	10	0	0	0	20	10	0	10	
83	72	SPRIG ELECTRIC, San Jose, Calif.	E	260.8	274.6	82	9	0	0	0	0	0	0	9	
84	58	GERDAU REINFORCING STEEL, San Diego, Calif. ⁸⁴	O	260.2	334.5	75	10	0	0	0	0	15	0	0	
85	84	BENSON INDUSTRIES INC., Portland, Ore.	G	260.0	250.0	100	0	0	0	0	0	0	0	0	
86	102	J.C. CANNISTRARO LLC, Watertown, Mass.	M/F	259.4	224.0	95	0	0	0	0	0	5	0	0	
87	91	HATZEL & BUEHLER INC., Wilmington, Del.	E	256.4	255.5	75	0	5	0	0	10	0	0	10	
88	106	HARDER MECHANICAL CONTRACTORS INC., Portland, Ore.	M	254.0	300.0	10	30	10	0	0	50	0	0	0	
89	93	U.S. ENGINEERING CO., Kansas City, Mo.	M	251.0	151.6	82	16	0	0	0	2	0	0	0	
90	75	MURRAY CO., Rancho Dominguez, Calif.	M/U	250.0	265.0	65	0	0	5	5	5	20	0	0	
91	73	MILLER ELECTRIC CO., Jacksonville, Fla.	E	249.1	325.0	50	3	0	0	0	25	2	0	20	
92	90	SUNCOAST POST-TENSION, A KELLER CO., Houston, Texas ⁹²	O	248.5	248.0	100	0	0	0	0	0	0	0	0	
93	89	WACHTER INC., Lenexa, Kan. ⁹³	O/E	248.1	204.9	49	18	0	0	0	33	0	0	0	
94	63	EGAN CO., Brooklyn Park, Minn.	E/M/G	247.2	260.2	50	30	0	0	0	0	15	0	5	
95	60	BERKEL & CO. CONTRACTORS INC., Bonner Springs, Kan.	X	246.0	325.0	60	5	10	0	5	10	10	0	0	
96	68	NEW RIVER ELECTRICAL CORP., Cloverdale, Va.	E	241.5	241.5	0	0	97	0	0	3	0	0	0	
97	**	JOSEPH J. ALBANESE INC., Santa Clara, Calif.	C/X	239.2	213.3	90	10	0	0	0	0	0	0	0	
98	127	CALIFORNIA DRYWALL, San Jose, Calif.	W	238.2	235.0	97	0	0	0	0	0	3	0	0	
99	117	PRECISION WALLS INC., Cary, N.C.	W	233.4	219.1	75	15	0	0	0	0	10	0	0	
100	92	SACHS ELECTRIC CO., St. Louis, Mo.	E	233.3	173.0	50	5	21	0	2	14	2	0	6	

FOOTNOTES: ⁵⁸ = LIFTING AND TRANSPORT ⁶¹ = INTERIOR FINISH AND MILLWORK ⁸⁴ = REINFORCING STEELWORK ⁹² = CONSTRUCTION PRODUCTS ⁹³ = VOICEDATA CABLING

#01

QUANTA SERVICES INC. was selected on Aug. 3 by Enbridge Pipelines Inc. to replace 168 miles of 36-in.-dia crude-oil pipeline in Canada.

RANK 2017	2016	FIRM	FIRM TYPE	2016 REVENUE (\$ MIL)		MARKETS (% OF 2016 REVENUE)								
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM.
101	130	STANDARD DRYWALL INC., Lakeside, Calif.	W	233.1	276.0	98	0	0	0	0	0	2	0	0
102	104	MANAFORT BROTHERS INC., Plainville, Conn.	X/D	232.3	245.0	30	0	9	0	0	0	32	9	20
103	97	IREX CONTRACTING GROUP, Lancaster, Pa. ¹⁰³	O/A	230.1	225.5	34	11	25	0	1	22	1	0	1
104	112	INDEPENDENCE EXCAVATING INC., Independence, Ohio	X/D	229.7	202.2	35	10	0	0	5	20	25	5	0
105	174	CROWN CORR INC., Gary, Ind.	G/SH	227.0	227.0	64	0	0	0	0	0	36	0	0
106	**	RIGGS DISTLER & CO. INC., Cherry Hill, N.J. ¹⁰⁶	U/E/M	223.8	243.3	2	1	38	0	0	15	0	0	0
107	111	CSI ELECTRICAL CONTRACTORS INC., Santa Fe Springs, Calif.	E	222.1	142.6	31	15	1	3	3	4	1	0	5
108	56	CRITCHFIELD MECHANICAL INC., San Jose, Calif.	M	221.0	183.0	80	0	0	0	0	0	20	0	0
109	133	ACOUSTI ENGINEERING CO. OF FLORIDA, Orlando, Fla. ¹⁰⁹	W/O	220.8	240.0	60	0	0	0	0	0	40	0	0
110	**	P1 GROUP INC., Lenexa, Kan.	M/E/SH	220.0	99.0	30	15	7	0	0	15	0	0	5
111	109	VAUGHN INDUSTRIES LLC, Carey, Ohio	E/U/M	219.9	216.5	56	10	0	0	0	0	0	0	0
112	107	SUNTEC CONCRETE INC., Phoenix, Ariz.	C	219.5	185.6	100	0	0	0	0	0	0	0	0
113	116	COASTAL MECHANICAL SERVICES GROUP, Melbourne, Fla.	M/E	219.2	126.3	92	8	0	0	0	0	0	0	0
114	**	PRIME ELECTRIC, Bellevue, Wash.	E	216.7	268.3	80	10	0	0	0	1	5	0	3
115	100	PENHALL CO., Anaheim, Calif.	D	216.0	194.4	44	10	5	4	2	7	25	2	1
116	98	JOHN E. GREEN CO., Highland Park, Mich.	M/F	216.0	216.0	35	40	10	0	3	12	0	0	0
117	95	BOMEL CONSTRUCTION CO. INC., Anaheim Hills, Calif.	C	214.2	150.0	100	0	0	0	0	0	0	0	0
118	122	WESTERN SPECIALTY CONTRACTORS, St. Louis, Mo.	C/M/G	209.1	220.4	94	2	0	2	0	2	0	0	0
119	**	RMF NOOTER INC., Toledo, Ohio	M/E	206.0	206.0	0	7	0	1	0	92	0	0	0
120	108	SME STEEL, West Jordan, Utah ¹²⁰	O	205.0	247.0	53	12	0	0	0	10	15	0	0
121	103	RK MECHANICAL INC., Denver, Colo.	M/ST	203.4	403.6	88	2	0	0	0	10	0	0	0
122	129	GATE PRECAST CO., Jacksonville, Fla.	C	202.8	206.0	92	0	0	0	1	2	5	0	0
123	96	COCHRAN INC., Seattle, Wash.	E	202.4	200.0	70	0	0	0	0	0	0	0	30
124	128	GAYLOR ELECTRIC INC., Indianapolis, Ind.	E/U	200.0	211.8	65	30	0	0	0	5	0	0	0
125	**	UNITY INTERNATIONAL GROUP, Flushing, N.Y.	E	197.2	154.9	75	0	0	0	0	0	2	0	23
126	94	VEIT & CO. INC., Rogers, Minn. ¹²⁶	X/U	195.0	160.0	49	1	9	4	8	12	17	0	0
127	105	BAKER ROOFING CO., Raleigh, N.C.	R	192.8	192.8	100	0	0	0	0	0	0	0	0
128	119	AMERICAN TECHNOLOGIES INC., Orange, Calif. ¹²⁸	O/A	190.1	NA	90	10	0	0	0	0	0	0	0
129	123	BRANDENBURG INDUSTRIAL SERVICE CO., Chicago, Ill.	D	189.0	105.0	5	10	15	0	0	50	10	10	0
130	125	CLEAN EARTH INC., Hatboro, Pa. ¹³⁰	O	189.0	189.0	19	0	3	0	0	27	23	27	0
131	137	SUPERIOR AIR HANDLING, Ogden, Utah	SH	188.9	45.3	62	1	23	0	0	0	0	0	0
132	180	WPI, Wilsonville, Ore.	W	187.7	NA	100	0	0	0	0	0	0	0	0
133	140	KSW MECHANICAL, Long Island City, N.Y.	M	185.2	177.0	80	0	20	0	0	0	0	0	0
134	148	PLATEAU EXCAVATION INC., Austell, Ga.	X/U	183.8	184.2	95	0	0	0	0	0	5	0	0
135	163	BAKER ELECTRIC INC., Escondido, Calif.	E	183.5	153.2	43	0	36	0	5	0	5	0	11
136	88	INGLETT & STUBBS LLC, Mableton, Ga.	E	182.0	120.0	90	0	0	0	0	0	0	0	10
137	152	W&W GLASS LLC, Nanuet, N.Y.	G	180.0	200.0	75	0	0	0	0	0	25	0	0
138	147	TRI-CITY ELECTRICAL CONTRACTORS INC., Altamonte Springs, Fla.	E	178.3	184.0	98	0	0	0	0	0	0	0	2
139	143	KENT COS., Grand Rapids, Mich.	C	177.5	186.9	75	20	0	0	0	0	5	0	0
140	142	IVEY MECHANICAL CO., Kosciusko, Miss.	M	176.1	140.7	30	50	0	0	0	0	0	0	0
141	**	MB MECHANICALS HOLDINGS, Harrisburg, Pa.	M	175.4	138.5	60	15	10	0	0	15	0	0	0
142	139	J. DERENZO CO., Brockton, Mass.	X	175.0	225.0	100	0	0	0	0	0	0	0	0
143	118	CLEVELAND ELECTRIC CO., Atlanta, Ga.	E	174.4	197.9	20	10	29	0	3	5	25	3	5
144	135	THE MORSE GROUP INC., Freeport, Ill.	E	173.1	102.8	40	50	0	0	8	0	0	0	2
145	114	BEAVER EXCAVATING CO., Canton, Ohio	X	173.0	183.0	2	0	25	0	5	18	50	0	0
146	**	MORETRENCH, Rockaway, N.J. ¹⁴⁶	X	171.6	244.0	0	0	0	0	0	0	0	0	0
147	121	LAKE ERIE ELECTRIC COS., Westlake, Ohio	E	171.2	171.2	25	20	10	0	10	30	0	0	5
148	131	LIBERTY CONSTRUCTION SERVICES LLC, Braintree, Mass. ¹⁴⁸	O/C/W	170.9	152.3	95	0	0	0	0	0	5	0	0
149	**	ALCAL SPECIALTY CONTRACTING, Sacramento, Calif. ¹⁴⁹	O/R/G	168.1	220.2	95	0	0	0	0	0	5	0	0
150	153	CONCRETE STRATEGIES, St. Louis, Mo.	C	167.0	80.5	60	25	0	0	0	0	15	0	0

FOOTNOTES: ¹⁰³ = INSULATION ¹⁰⁶ = ENVIRONMENTAL MATTING ¹⁰⁹ = STEEL FABRICATION ¹²⁶ = DREDGING/DIVING ¹²⁸ = INSURANCE RESTORATION ¹³⁰ = SOIL RECYCLING, DREDGE PROCESSING, HAZARDOUS AND NON-HAZARDOUS WASTE DISPOSAL ¹⁴⁶ = SITE WORK/EXCAVATION/FOUNDATION ¹⁴⁸ = HEAVY EQUIPMENT, GENERAL REQUIREMENTS ¹⁴⁹ = WATERPROOFING, INSULATION, GARAGE DOORS

RANK 2017	RANK 2016	FIRM	FIRM TYPE	2016 REVENUE (\$ MIL)		MARKETS (% OF 2016 REVENUE)								
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM
151	138	TRI-CITY ELECTRIC CO., Davenport, Iowa	E	165.3	114.1	60	28	0	0	0	0	1	0	11
152	**	NATIONS ROOF, Lithia Springs, Ga.	R/SH	165.0	165.0	60	20	0	0	0	20	0	0	0
153	158	REMEDIAL CONSTRUCTION SERVICES LP, Houston, Texas	X	164.7	219.4	0	0	13	0	0	78	0	0	0
154	**	SULLIVAN & MCLAUGHLIN COS. INC., Boston, Mass.	E	163.0	110.0	85	5	0	0	0	0	5	0	5
155	113	THE RAYMOND GROUP, Orange, Calif.	W	162.0	150.0	100	0	0	0	0	0	0	0	0
156	182	J.E. RICHARDS INC., Beltsville, Md.	E	160.7	177.1	100	0	0	0	0	0	0	0	0
157	242	FLYNN GROUP OF COS., Kansas City, Mo.	R/SH/G	159.8	199.1	90	10	0	0	0	0	0	0	0
158	126	S&F CONCRETE CONTRACTORS INC., Hudson, Mass.	C	159.6	269.9	85	5	0	1	1	6	1	0	0
159	170	RYAN INC. CENTRAL, Janesville, Wis.	X	159.6	81.6	30	0	1	0	69	0	0	0	0
160	155	O'CONNELL ELECTRIC CO. INC., Victor, N.Y.	E	158.6	130.0	30	5	2	0	1	10	2	0	5
161	146	GUARANTEE ELECTRICAL CO., St. Louis, Mo.	E	157.0	157.0	30	15	5	0	10	25	5	0	10
162	169	MIDWEST STEEL, Detroit, Mich.	ST	155.4	123.0	64	33	0	0	0	3	0	0	0
163	124	E.M. DUGGAN INC., Canton, Mass.	M	154.7	144.0	100	0	0	0	0	0	0	0	0
164	166	JMEG LLC, Farmers Branch, Texas	E	154.5	86.6	89	11	0	0	0	0	0	0	0
165	141	BAKER GROUP, Ankeny, Iowa ¹⁶⁵	M/SH/O	153.0	152.0	85	1	1	0	0	10	0	0	3
166	144	CASE FOUNDATION CO., A KELLER CO., Roselle, Ill.	X	152.3	149.3	46	1	14	0	2	0	37	0	0
167	164	BAKER TRIANGLE, Mesquite, Texas	W	150.7	179.0	90	0	0	0	0	10	0	0	0
168	172	ALLISON SMITH CO., Smyrna, Ga.	E	150.0	150.0	80	0	0	0	0	0	0	0	20
169	159	DORVIN D. LEIS CO. INC., Kahului, Hawaii	M	144.0	147.3	98	0	1	0	1	0	0	0	0
170	**	ENCORE ELECTRIC INC., Lakewood, Colo.	E	144.0	150.0	100	0	0	0	0	0	0	0	0
171	145	D.H. GRIFFIN WRECKING CO. INC., Greensboro, N.C.	D	143.4	143.4	25	10	40	0	5	15	5	0	0
172	168	PANELIZED STRUCTURES INC., Modesto, Calif. ¹⁷²	R	143.1	159.3	100	0	0	0	0	0	0	0	0
173	149	MCCARL'S INC., Beaver Falls, Pa. ¹⁷³	M	143.0	87.0	0	0	62	0	0	38	0	0	0
174	216	H.J. MARTIN AND SON, Green Bay, Wis. ¹⁷⁴	O/G/W	142.6	92.0	98	1	0	0	0	0	1	0	0
175	**	K2 INDUSTRIAL SERVICES INC., Houston, Texas ¹⁷⁵	P/O/R	142.0	50.0	0	0	27	0	0	64	0	0	0
176	190	INTERSTATES, Sioux Center, Iowa	E	141.0	107.7	0	5	10	0	0	35	0	0	0
177	160	PRISM ELECTRIC INC., Garland, Texas	E	140.4	190.5	75	0	0	0	0	10	10	0	5
178	134	SAUER HOLDINGS INC., Pittsburgh, Pa.	M	139.7	120.9	90	0	0	0	0	10	0	0	0
179	151	L. KEELEY CONSTRUCTION, St. Louis, Mo. ¹⁷⁹	O/X	139.5	69.9	11	5	0	0	0	7	1	0	0
180	185	CONDON-JOHNSON & ASSOCIATES, Oakland, Calif.	X	138.8	132.0	45	0	5	10	0	0	40	0	0
181	**	CONTINENTAL ELECTRICAL CONSTRUCTION CO., Oak Brook, Ill.	E	137.5	125.0	57	15	0	0	0	0	5	0	20
182	219	KELSO-BURNETT, Rolling Meadows, Ill.	E	136.1	87.2	69	10	6	0	0	0	0	0	15
183	213	ARDEN BUILDING COS. LLC, Pawtucket, R.I.	M/E	135.6	76.8	71	16	5	0	2	0	4	0	2
184	194	WEST VALLEY CONSTRUCTION CO. INC., Campbell, Calif.	U	132.5	126.3	0	0	0	70	10	0	0	0	20
185	165	CHERRY COS., Houston, Texas ¹⁸⁵	O/D	130.7	126.9	10	0	0	0	0	10	0	0	0
186	211	HERMANSON CO. LLP, Kent, Wash.	M/R	130.2	131.6	90	8	0	0	0	0	2	0	0
187	195	CONCRETE VALUE CORP., Sacramento, Calif.	C	128.0	113.4	100	0	0	0	0	0	0	0	0
188	**	LANDMARK CONSTRUCTION CO. INC., North Charleston, S.C. ¹⁸⁸	X/C	127.4	65.5	13	63	0	0	5	0	19	0	0
189	162	WORTH AND CO., Pipersville, Pa. ¹⁸⁹	M/O	127.0	110.0	100	0	0	0	0	0	0	0	0
190	186	LETSOS CO., Houston, Texas	M	126.1	71.4	100	0	0	0	0	0	0	0	0
191	173	A.O. REED & CO., San Diego, Calif.	M	125.3	150.2	90	5	0	0	0	5	0	0	0
192	**	PRECISION CONCRETE CONSTRUCTION INC., Alpharetta, Ga.	C	124.9	98.7	20	45	0	0	0	0	10	0	0
193	157	PACIFIC STRUCTURES INC., San Francisco, Calif.	C	124.1	88.4	100	0	0	0	0	0	0	0	0
194	214	ARCHITECTURAL GLASS & ALUMINUM CO. INC., Livermore, Calif.	G	124.0	72.0	90	0	0	0	0	0	10	0	0
195	229	BUCKNER COS., Graham, N.C.	ST	123.8	105.0	40	28	2	0	0	20	0	0	10
196	200	NEWKIRK ELECTRIC ASSOCIATES INC., Muskegon, Mich.	E	123.1	104.5	5	10	50	0	5	10	0	0	20
197	222	SHAPIRO & DUNCAN INC., Rockville, Md.	M	122.5	125.0	92	0	0	0	0	0	8	0	0
198	175	VALLEY ELECTRIC, Everett, Wash.	E	122.4	125.0	40	22	0	0	20	0	15	0	3
199	188	YTG LLC, Philadelphia, Miss.	E/M	122.3	268.8	29	51	6	0	0	14	0	0	0
200	187	T E C INDUSTRIAL, Kingsport, Tenn.	M/E	120.9	148.4	0	0	17	0	0	83	0	0	0

FOOTNOTES: ¹⁶⁵ = SCAFFOLDING; ¹⁷² = ROOF STRUCTURE; ¹⁷³ = MISC.; ¹⁷⁴ = COMMERCIAL AND RESIDENTIAL FLOORING, FIXTURES AND MILLWORK INSTALLATION, POLISHED CONCRETE, DOORS AND HARDWARE; ¹⁷⁵ = PAVING, CARPENTRY, CONSTRUCTION MGMT., PLUMBING, SEWER/WATER, MILLWRIGHT, VARIOUS; ¹⁸⁸ = RECYCLING; ¹⁸⁹ = SERVICE REPAIR

#02

EMCOR GROUP INC. acquired electrical contractor Ardent Services, Covington, La., in April 2016. Ardent ranked No. 83 on last year's Top 600.

RANK 2017	2016	FIRM	FIRM TYPE	2016 REVENUE (\$ MIL)		MARKETS (% OF 2016 REVENUE)								
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM
201	231	COMNET COMMUNICATIONS LLC , Bethel, Conn. ²⁰¹	O	120.8	122.1	0	0	0	0	0	0	0	0	100
202	260	VAN ERT ELECTRIC CO. INC. , Wausau, Wis. ²⁰²	E	120.5	70.0	20	5	53	0	1	17	3	0	1
203	208	MTECH MECHANICAL , Westminster, Colo.	M	120.5	100.0	90	5	0	0	0	5	0	0	0
204	225	DONLEY'S , Cleveland, Ohio	C	120.5	113.5	90	5	0	0	1	4	0	0	0
205	**	BEST CONTRACTING SERVICES INC. , Gardena, Calif. ²⁰⁵	R/SH/O	118.6	76.5	70	10	0	0	5	5	10	0	0
206	202	NATIONAL CONSTRUCTION ENTERPRISES INC. , Ypsilanti, Mich.	W	118.2	158.0	100	0	0	0	0	0	0	0	0
207	154	PAYNECREST ELECTRIC INC. , Saint Louis, Mo.	E	118.0	130.0	25	40	25	0	0	5	0	0	5
208	184	COMMONWEALTH ELECTRIC CO. OF THE MIDWEST , Lincoln, Neb.	E	117.8	88.3	65	0	2	0	0	21	3	0	8
209	228	THE WILLIAMS GROUP , Merrifield, Va. ²⁰⁹	ST/O	117.3	140.0	64	8	8	0	0	20	0	0	0
210	**	AMPAM PARKS MECHANICAL , Carson, Calif. ²¹⁰	M	117.0	200.0	100	0	0	0	0	0	0	0	0
211	193	MONA ELECTRIC GROUP INC. , Clinton, Md.	E	115.5	78.0	95	0	0	0	0	0	0	0	5
212	226	ATLANTIC CONSTRUCTORS INC. , Richmond, Va. ²¹²	M/O	115.0	112.0	50	25	0	0	0	25	0	0	0
213	**	THE MCDUGALL FAMILY OF COS. , Nashville, Tenn.	SH	115.0	160.0	65	10	0	0	0	10	15	0	0
214	217	KALKREUTH ROOFING AND SHEET METAL , Wheeling, W.Va.	R	114.9	137.9	83	9	0	0	0	8	0	0	0
215	258	GREATER METROPLEX INTERIORS INC. , Southlake, Texas	W	114.5	94.9	100	0	0	0	0	0	0	0	0
216	232	NORTHLAND CONCRETE & MASONRY CO. LLC , Burnsville, Minn.	C/MA	114.1	120.0	80	15	0	0	0	5	0	0	0
217	197	GRUNAU CO. , Oak Creek, Wis.	M	114.0	144.0	45	20	0	0	10	20	5	0	0
218	**	SOUTHERN AIR INC. , Lynchburg, Va.	M/E	113.0	109.0	80	12	0	0	2	6	0	0	0
219	203	MCHUGH CONCRETE CONSTRUCTION , Chicago, Ill.	C	112.7	300.0	95	0	0	0	0	0	5	0	0
220	198	F.L. CRANE & SONS INC. , Fulton, Miss. ²²⁰	W/O	112.4	119.8	90	9	0	0	0	0	1	0	0
221	**	PHILADELPHIA D&M , Plymouth Meeting, Pa.	W	112.1	79.9	100	0	0	0	0	0	0	0	0
222	240	NASHVILLE MACHINE CO. INC. , Nashville, Tenn. ²²²	M/O/SH	111.0	133.4	80	5	0	0	0	15	0	0	0
223	181	KELLER (CANADA), A KELLER CO. , Hanover, Md. ²²³	X/O	109.9	135.3	28	8	16	1	2	33	12	0	0
224	205	DRILL TECH DRILLING & SHORING , Antioch, Calif.	X	109.8	171.5	22	0	0	20	0	0	50	8	0
225	171	FRESH MEADOW MECHANICAL CORP. , Fresh Meadows, N.Y.	M	108.3	84.4	98	0	0	0	0	0	2	0	0
226	**	THOMAS G. GALLAGHER INC. , Cambridge, Mass.	M/F	108.2	80.0	100	0	0	0	0	0	0	0	0
227	177	MCKINNEY DRILLING CO., A KELLER CO. , Hanover, Md.	X	107.9	89.5	44	6	27	4	1	1	15	0	2
228	241	ERMCO INC. , Indianapolis, Ind.	E	107.1	100.0	30	10	10	0	10	20	5	0	15
229	196	CHAPEL ELECTRIC CO. LLC , Dayton, Ohio	E	107.1	70.0	70	14	0	0	3	3	0	0	10
230	335	ROMMEL CONSTRUCTION GROUP , Lititz, Pa.	M/E	106.7	135.4	80	0	0	0	0	0	20	0	0
231	156	NICHOLSON CONSTRUCTION CO. , Canonsburg, Pa. ²³¹	O	106.0	92.5	30	0	20	20	0	0	28	2	0
232	**	POLK MECHANICAL CO. LLC , Grand Prairie, Texas	M/SH	103.8	109.2	70	15	0	0	0	15	0	0	0
233	179	W.A. RASIC CONSTRUCTION CO. , Long Beach, Calif.	U	102.6	78.3	0	0	0	50	15	15	0	0	20
234	66	TOTAL FACILITY SOLUTIONS INC. , Plano, Texas	M/E	102.0	83.4	5	93	1	0	0	1	0	0	0
235	167	W.A. CHESTER LLC , Lanham, Md.	U	101.6	115.6	0	0	100	0	0	0	0	0	0
236	183	HJ FOUNDATION, A KELLER CO. , Miami, Fla.	X	100.8	86.7	93	0	0	0	0	0	7	0	0
237	286	ICON MECHANICAL CONSTRUCTION & ENGINEERING LLC , Granite City, Ill.	M	100.3	65.2	50	10	0	0	0	40	0	0	0
238	255	AMERICAN DIRECT , Lenexa, Kan. ²³⁸	O	100.2	80.0	50	20	0	0	5	0	5	0	0
239	176	GREENBERRY INDUSTRIAL , Vancouver, Wash.	M	100.0	77.5	5	0	10	0	0	85	0	0	0
240	207	P.A.L. ENVIRONMENTAL SAFETY CORP. , Long Island City, N.Y.	A	100.0	72.0	0	0	0	0	0	0	0	100	0
241	368	CHARTER MECHANICAL CONTRACTORS INC. , Portland, Ore.	M	99.8	91.0	18	0	3	0	0	80	0	0	0
242	**	JF KIELY CONSTRUCTION , Long Branch, N.J.	U	99.3	94.5	0	0	0	9	1	2	0	0	0
243	178	NEVELL GROUP INC. , Brea, Calif.	W	98.9	193.5	100	0	0	0	0	0	0	0	0
244	277	J. RANCK ELECTRIC INC. , Mount Pleasant, Mich. ²⁴⁴	E/O	98.7	48.1	17	1	32	0	3	12	35	0	0
245	150	ALTERMAN INC. , San Antonio, Texas	E	98.6	120.8	55	15	0	0	0	10	0	0	20
246	330	FEYEN ZYLSTRA , Grand Rapids, Mich.	E	98.5	88.0	60	20	0	0	0	20	0	0	0
247	252	UNITED FORMING INC. , Austell, Ga.	C	98.4	78.7	99	0	0	0	0	1	0	0	0
248	233	QUESTMARK , Canonsburg, Pa. ²⁴⁸	C/O	97.2	103.0	60	20	0	0	0	20	0	0	0
249	234	W.G. TOMKO INC. , Finleyville, Pa. ²⁴⁹	M/O	97.2	122.5	90	10	0	0	0	0	0	0	0
250	224	LPR CONSTRUCTION , Loveland, Colo. ²⁵⁰	ST/O	95.7	140.6	52	8	15	0	0	25	0	0	0

FOOTNOTES: 201 = TELECOMMUNICATIONS (LOW-VOLTAGE WORK, SWITCHING, UNDERGROUND/INDOOR CABLING, MICROWAVE, TRANSMITTERS, ETC.); 202 = STEEL FABRICATION 210 = PLUMBING 212 = PROCESS PIPING AND PLANT MAINTENANCE 220 = CERAMIC, RESILIENT AND CARPET FLOORING, METAL PANEL SYSTEMS, FIREPROOFING 222 = ELEVATOR 223 = CONSTRUCTION PRODUCTS 231 = GEOTECHNICAL ENGINEERING AND CONSTRUCTION 238 = MATERIAL SUPPLIER 244 = RENEWABLE ENERGY (SOLAR) 248 = COATINGS FOR CONCRETE AND ASPHALT 249 = FABRICATION 250 = HEAVY INDUSTRIAL CONSTRUCTION

RANK 2017	2016	FIRM	FIRM TYPE	2016 REVENUE (\$ MIL)		MARKETS (% OF 2016 REVENUE)								
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM
251	264	B. T. MANCINI CO. INC., Milpitas, Calif. ²⁵¹	O	95.7	106.9	96	2	0	0	0	0	2	0	0
252	385	BROADWAY ELECTRIC INC., Elk Grove Village, Ill.	E/M	95.2	140.8	65	2	5	0	2	10	5	1	10
253	333	ELLINGSON COS., West Concord, Minn. ²⁵³	O	95.1	8.8	0	9	0	0	3	29	0	0	5
254	269	WAYNE AUTOMATIC FIRE SPRINKLERS INC., Ocoee, Fla.	F	95.0	60.2	100	0	0	0	0	0	0	0	0
255	295	KARAS & KARAS GLASS CO. INC., Boston, Mass.	G	94.6	81.0	100	0	0	0	0	0	0	0	0
256	223	WESTSIDE MECHANICAL GROUP, Naperville, Ill.	M	94.4	98.7	75	25	0	0	0	0	0	0	0
257	279	AMEX NOOTER, Tinley Park, Ill.	M/X	92.7	97.5	0	0	0	0	0	100	0	0	0
258	204	HUMPHREY & ASSOCIATES INC., Dallas, Texas	E/M	91.6	100.9	74	10	1	0	0	15	0	0	0
259	352	BROOKS-BERRY-HAYNIE & ASSOCIATES INC., Mableton, Ga.	E	91.4	57.0	0	0	0	0	0	0	100	0	0
260	243	COLLINS ELECTRICAL CO. INC., Stockton, Calif.	E	91.4	110.0	70	1	0	0	7	0	0	0	0
261	374	GROUP BUILDERS INC., Honolulu, Hawaii	W	91.3	55.5	100	0	0	0	0	0	0	0	0
262	**	W. BRADLEY ELECTRIC INC., Novato, Calif.	E	91.0	91.0	60	0	0	0	0	0	0	0	40
263	267	WILSON ELECTRIC SERVICES CORP., Tempe, Ariz.	E	90.0	106.0	80	0	0	0	0	10	0	0	10
264	275	BASDEN STEEL CORP., Burleson, Texas	ST	90.0	66.9	100	0	0	0	0	0	0	0	0
265	253	MCGEE BROTHERS CO. INC., Monroe, N.C.	MA	89.8	9.0	100	0	0	0	0	0	0	0	0
266	**	QUALITY PLUS SERVICES INC., Petersburg, Va.	M/E/ST	89.3	94.2	2	10	6	0	0	70	0	8	4
267	332	ALAKA'I MECHANICAL CORP., Honolulu, Hawaii	M/SH	88.6	58.9	100	0	0	0	0	0	0	0	0
268	246	UNIVERSAL BUILDERS SUPPLY INC., New Rochelle, N.Y. ²⁶⁸	O	88.0	80.0	100	0	0	0	0	0	0	0	0
269	265	ELDECO INC., Greenville, S.C.	E	87.7	101.4	25	50	0	0	0	25	0	0	0
270	276	CEC COS., Irving, Texas ²⁷⁰	E/M	87.6	94.7	65	25	0	0	0	0	0	0	10
271	248	F.D. THOMAS INC., Sacramento, Calif.	P	86.7	131.0	20	20	0	10	10	10	20	10	0
272	**	ADVANCE MECHANICAL SYSTEMS, Arlington Heights, Ill.	M	86.5	86.5	100	0	0	0	0	0	0	0	0
273	**	TB PENICK & SONS INC., San Diego, Calif.	C	86.2	109.0	100	0	0	0	0	0	0	0	0
274	**	J.M. BRENNAN INC., Milwaukee, Wis.	M	86.1	33.9	84	15	0	0	0	0	1	0	0
275	238	WAYNE BROTHERS INC., Davidson, N.C.	C/X	85.3	85.3	25	40	10	0	0	0	0	0	25
276	251	THE TRI-M GROUP LLC, Kennett Square, Pa.	E/U	84.8	72.0	45	18	4	0	1	20	1	0	11
277	318	DALEY'S DRYWALL AND TAPING INC., Campbell, Calif.	W	84.7	84.7	100	0	0	0	0	0	0	0	0
278	215	DUCCI ELECTRICAL CONTRACTORS INC., Farmington, Conn.	E	84.7	34.3	50	0	0	0	0	0	40	0	10
279	237	NEAD ELECTRIC, East Rutherford, N.J.	E	84.6	92.5	73	0	0	0	0	2	10	0	15
280	244	MODERN PIPING INC., Cedar Rapids, Iowa ²⁸⁰	M	84.3	19.4	50	35	0	0	5	10	0	0	0
281	311	THE SYSTEMS GROUP, El Dorado, Ark.	M/C/D	84.3	68.9	0	20	0	0	0	80	0	0	0
282	249	RUTTURA & SONS CONSTRUCTION CO. INC., West Babylon, N.Y.	X	84.3	107.0	100	0	0	0	0	0	0	0	0
283	299	MIDWEST DRYWALL CO. INC., Wichita, Kan.	W	84.2	87.0	99	1	0	0	0	0	0	0	0
284	263	R.T. MOORE CO. INC., Indianapolis, Ind.	M	84.0	95.0	100	0	0	0	0	0	0	0	0
285	285	BRUCE & MERRILEES ELECTRIC, New Castle, Pa.	E	83.2	85.0	5	2	10	0	3	10	35	0	0
286	235	PRIME CONTROLS LP, Lewisville, Texas ²⁸⁶	O	82.3	91.4	0	15	2	31	11	38	3	0	0
287	209	E.S. WAGNER CO., Oregon, Ohio	X	81.8	39.1	0	0	0	0	9	3	88	0	0
288	221	MILLER ELECTRIC CO., Omaha, Neb.	E	81.3	77.5	84	1	0	0	0	0	0	0	15
289	321	SERETTA CONSTRUCTION, Apopka, Fla.	C	81.3	81.3	95	5	0	0	0	0	0	0	0
290	212	OKLAHOMA ELECTRICAL SUPPLY CO., Oklahoma City, Okla.	E	80.9	40.1	53	0	17	0	0	2	0	0	15
291	526	BRIGGS ELECTRIC INC., Tustin, Calif.	E	80.7	110.0	25	50	0	0	0	25	0	0	0
292	**	DIVERSIFIED UTILITY SERVICES INC., Bakersfield, Calif.	U	80.3	264.3	0	0	95	0	0	0	0	0	5
293	270	FLY & FORM STRUCTURES INC., Atlanta, Ga.	C	80.0	93.5	100	0	0	0	0	0	0	0	0
294	218	ALEX E. PARIS CONTRACTING CO. INC., Atlasburg, Pa. ²⁹⁴	U/X	80.0	62.0	0	0	0	15	5	77	3	0	0
295	280	PITTSBURG TANK & TOWER GROUP INC., Henderson, Ky. ²⁹⁵	ST/F/P	78.9	63.6	10	10	20	5	0	30	0	0	25
296	261	BIERLEIN COS. INC., Midland, Mich.	D	78.1	70.0	15	0	45	0	0	30	0	10	0
297	**	SARGENT ELECTRIC CO., Pittsburgh, Pa.	E	77.4	81.6	10	5	35	0	3	40	2	0	5
298	**	ALLIANCE GLAZING TECHNOLOGIES, Romeoville, Ill.	G	77.0	79.0	100	0	0	0	0	0	0	0	0
299	259	ENTERPRISE PROPERTIES INC., Omaha, Neb.	C	76.8	75.0	70	0	0	8	7	0	15	0	0
300	288	SHAW ELECTRIC CO., Southfield, Mich.	E	76.5	87.6	51	23	1	0	4	0	0	0	22

FOOTNOTES: ²⁵¹ = METAL DECK, WALL PANELS, FLOOR ²⁵³ = AG. OIL AND GAS, INFRASTRUCTURE MGMT. ²⁶⁸ = SCAFFOLDING/HOISTING/PROTECTION ²⁷⁰ = LOW VOLTAGE SECURITY ²⁸⁰ = TEMPERATURE CONTROL ²⁸⁶ = INDUSTRIAL AUTOMATION ²⁹⁴ = INDUSTRIAL ²⁹⁵ = INSULATION

RANK 2017	2016	FIRM	FIRM TYPE	2016 REVENUE (\$ MIL)		MARKETS (% OF 2016 REVENUE)									
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM	
301	273	HI-TECH ELECTRIC INC., Houston, Texas	E	76.5	55.0	100	0	0	0	0	0	0	0	0	
302	297	KIMBEL MECHANICAL SYSTEMS, Fayetteville, Ark.	M	76.3	55.0	100	0	0	0	0	0	0	0	0	
303	319	FIORE & SONS INC., Denver, Colo.	X/U	75.7	53.1	28	0	8	31	30	0	2	0	0	
304	291	HUSSUNG MECHANICAL CONTRACTORS INC., Louisville, Ky.	M	74.9	85.0	70	20	0	0	2	8	0	0	0	
305	304	BAYSIDE INTERIORS INC., Fremont, Calif.	W	74.8	82.4	100	0	0	0	0	0	0	0	0	
306	274	DOUGLASS COLONY GROUP, Commerce City, Colo.	R/SH	74.7	77.9	100	0	0	0	0	0	0	0	0	
307	298	TRAFFIC CONTROL DEVICES INC., Altamonte Springs, Fla.	E	74.5	42.9	0	0	0	0	0	0	0	0	0	
308	201	FRANK M. BOOTH INC., Marysville, Calif.	M	74.3	102.8	100	0	0	0	0	0	0	0	0	
309	262	DELTA DIVERSIFIED ENTERPRISES INC., Tempe, Ariz.	E	74.0	37.0	60	40	0	0	0	0	0	0	0	
310	301	W.L. FRENCH EXCAVATING CORP., North Billerica, Mass. ³¹⁰	X	73.9	75.0	0	0	0	0	35	0	65	0	0	
311	326	EDWIN L HEIM CO., Harrisburg, Pa.	E/M	73.1	29.2	25	20	7	5	10	25	0	0	8	
312	278	NATIONAL STEEL CITY LLC, Plymouth, Mich.	ST	73.0	85.0	0	0	100	0	0	0	0	0	0	
313	**	HOLLAND ROOFING GROUP, Florence, Ky.	R	73.0	73.0	100	0	0	0	0	0	0	0	0	
314	343	GREGG ELECTRIC INC., Ontario, Calif.	E	72.4	85.6	85	10	0	0	0	5	0	0	0	
315	390	TJ WIES CONTRACTING INC., Lake St. Louis, Mo.	W	72.2	58.6	100	0	0	0	0	0	0	0	0	
316	411	CANNON & WENDT ELECTRIC CO., Phoenix, Ariz.	E	71.8	46.8	75	0	0	0	0	0	20	0	5	
317	341	SURE STEEL INC., South Weber, Utah	ST	71.1	46.2	30	5	0	0	0	25	0	0	0	
318	**	ARKEL INTERNATIONAL LLC, Baton Rouge, La.	E	71.0	38.0	25	0	0	0	0	75	0	0	0	
319	328	G.M. MCCROSSIN INC., Bellefonte, Pa.	C/M/X	70.9	33.4	0	0	15	10	45	30	0	0	0	
320	199	NETWORK INFRASTRUCTURE INC., Hempstead, N.Y.	U	70.6	70.2	0	0	0	0	0	0	0	0	0	
321	245	RACHEL CONTRACTING, St. Michael, Minn.	X/D	70.4	55.6	56	0	7	4	2	28	4	0	0	
322	370	APG ELECTRIC INC., Clearwater, Fla.	E	70.4	65.4	90	5	0	0	0	0	0	0	5	
323	293	MUTH ELECTRIC INC., Mitchell, S.D.	E	70.1	72.3	56	10	5	0	8	4	9	0	8	
324	281	HYPower INC., Fort Lauderdale, Fla.	E	69.5	70.0	60	0	10	0	0	0	10	0	20	
325	236	MENARD GROUP USA, Carnegie, Pa.	X	69.4	67.1	43	0	1	1	1	7	47	0	0	
326	289	AREA ENERGY & ELECTRIC INC., Sidney, Ohio	E/M	69.1	69.1	15	60	0	5	5	10	0	0	5	
327	331	FERGUSON, Plainville, Conn.	M/E	69.1	6.5	100	0	0	0	0	0	0	0	0	
328	305	SUPERIOR GUNITE, Lakeview Terrace, Calif.	C	69.1	60.2	47	0	2	4	6	0	36	0	0	
329	247	STARK EXCAVATING INC., Bloomington, Ill.	C/U/X	69.0	88.4	25	0	0	10	20	0	45	0	0	
330	375	GOYETTE MECHANICAL CO., Flint, Mich.	M	69.0	79.0	40	40	0	0	0	20	0	0	0	
331	329	FLAGGER FORCE TRAFFIC CONTROL SERIVCES, Hummelstown, Pa. ³³¹	O	68.3	68.3	0	0	45	0	0	0	20	0	35	
332	290	JARRELL MECHANICALS, Earth City, Mo.	M	68.0	85.0	100	0	0	0	0	0	0	0	0	
333	308	BOUDREAU PIPELINE CORP., Corona, Calif.	U	67.5	73.9	95	0	0	0	5	0	0	0	0	
334	342	WHITE ELECTRICAL CONSTRUCTION CO., Atlanta, Ga.	E	67.0	64.6	0	20	40	0	0	30	0	0	10	
335	303	SCHREIBER CORP., Wixom, Mich.	R	67.0	69.0	5	80	5	0	0	10	0	0	0	
336	348	GREGORY ELECTRIC CO. INC., Columbia, S.C.	E/M	66.6	53.8	25	20	15	0	5	25	0	0	10	
337	271	JOHN A. PENNEY CO. INC., Cambridge, Mass. ³³⁷	M/O	66.0	79.0	90	0	0	0	0	0	0	0	10	
338	**	BEL-AIRE MECHANICAL INC., Phoenix, Ariz. ³³⁸	M/SH	65.8	56.3	77	15	0	0	0	0	0	0	0	
339	312	SCHLOUCH INC., Blandon, Pa.	X	65.6	71.2	58	1	0	6	18	0	16	0	0	
340	300	DUNBAR MECHANICAL INC., Toledo, Ohio	M	65.0	80.0	14	28	11	0	0	31	0	0	0	
341	**	ACS SYSTEM ASSOCIATES, Mount Vernon, N.Y.	M	65.0	80.0	80	10	0	0	0	0	10	0	0	
342	206	EDGERTON CONTRACTORS INC., Oak Creek, Wis.	X	64.7	36.8	58	0	27	0	0	0	15	0	0	
343	353	PETILLO INC., Flanders, N.J.	X/U/C	64.7	60.8	70	0	0	0	20	0	10	0	0	
344	314	JRCRUZ CORP., Aberdeen, N.J.	U/X	64.1	40.2	5	0	0	35	60	0	0	0	0	
345	287	JDC DEMOLITION CO. INC., Boston, Mass.	D	64.0	42.0	40	15	25	0	0	20	0	0	0	
346	583	VANGUARD ENERGY PARTNERS LLC, Branchburg, N.J. ³⁴⁶	O	64.0	48.0	0	0	0	0	0	0	0	0	0	
347	324	HEPACO LLC, Charlotte, N.C. ³⁴⁷	O/A	63.8	62.7	0	0	0	0	9	0	7	85	0	
348	320	OIL CAPITAL ELECTRIC, Broken Arrow, Okla.	E/M	63.1	67.5	60	10	0	0	30	0	0	0	0	
349	363	LATITE ROOFING LLC, Pompano Beach, Fla.	R	63.0	73.3	100	0	0	0	0	0	0	0	0	
350	306	GAINES & CO., Reisterstown, Md.	U/X	63.0	89.3	95	0	0	5	0	0	0	0	0	

FOOTNOTES: 310 = 35% ACM AND SOIL WASTE HAULING 331 = TEMPORARY TRAFFIC CONTROL 337 = SECURITY 338 = SERVICE 346 = SOLAR PV DESIGN, BUILD 347 = HAZWASTE

RANK 2017	RANK 2016	FIRM	FIRM TYPE	2016 REVENUE (\$ MIL)		MARKETS (% OF 2016 REVENUE)								
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM
351	266	DGC CAPITAL CONTRACTING CORP., Mt. Vernon, N.Y. ³⁵¹	O/W/P	63.0	55.0	100	0	0	0	0	0	0	0	0
352	336	TAYLOR ELECTRIC INC., Salt Lake City, Utah	E	62.9	51.1	92	0	0	0	0	0	6	0	3
353	350	PREMIER ELECTRICAL CORP., Brooklyn Park, Minn.	E	62.7	52.0	30	5	5	0	25	5	20	0	10
354	316	MARTIN PETERSEN CO. INC., Kenosha, Wis.	M	62.1	66.0	60	20	0	0	0	20	0	0	0
355	327	BUIST ELECTRIC, Byron Center, Mich.	E	62.0	28.0	40	40	0	0	5	5	0	0	10
356	421	UNISTRUT CONSTRUCTION, Addison, Ill.	W	61.6	67.1	100	0	0	0	0	0	0	0	0
357	307	R.W. WARNER INC., Frederick, Md.	M	60.6	45.3	100	0	0	0	0	0	0	0	0
358	322	THOMPSON ELECTRIC CO., Sioux City, Iowa	E	60.5	60.5	62	10	1	1	1	20	0	0	5
359	365	RICHARD GOETTLE INC., Cincinnati, Ohio	X/C	60.0	65.0	40	30	0	0	20	0	10	0	0
360	387	HARDROCK CONCRETE PLACEMENT CO. INC., Phoenix, Ariz.	C	60.0	54.7	100	0	0	0	0	0	0	0	0
361	354	FOUNDATION CONSTRUCTORS INC., Oakley, Calif.	X	59.9	94.3	46	0	0	0	0	2	52	0	0
362	406	KPOST CO., Dallas, Texas ³⁶²	R	59.7	58.6	82	16	0	0	0	0	2	0	0
363	334	GSL ELECTRIC, Sandy, Utah	E	59.5	54.1	60	10	0	0	0	20	0	0	10
364	393	WEIFIELD GROUP CONTRACTING, Centennial, Colo.	E	59.3	59.3	81	5	0	0	14	0	0	0	0
365	283	MG MCGRATH, Maplewood, Minn.	SH	59.1	126.0	100	0	0	0	0	0	0	0	0
366	551	BENCOR GLOBAL INC., A KELLER CO., Frisco, Texas	X	58.6	20.3	0	0	0	63	10	1	26	0	0
367	367	BOYETT CONSTRUCTION INC., Hayward, Calif.	W	58.5	60.0	100	0	0	0	0	0	0	0	0
368	325	POYNTER SHEET METAL, Greenwood, Ind.	SH	58.5	75.2	65	20	0	0	5	10	0	0	0
369	**	SDB INC., Tempe, Ariz.	M/ST/E/W	58.4	59.7	48	31	0	0	0	0	17	0	4
370	356	WYATT INC., Pittsburgh, Pa. ³⁷⁰	W/G/O	57.8	53.4	100	0	0	0	0	0	0	0	0
371	292	IPS, Rossford, Ohio	M/E	56.9	70.0	20	25	10	0	0	45	0	0	0
372	373	AVALOTIS CORP., Verona, Pa.	P	56.5	27.0	0	0	40	0	0	10	50	0	0
373	257	PIONEER CLADDING & GLAZING SYSTEMS LLC, Mason, Ohio	G	56.3	45.3	100	0	0	0	0	0	0	0	0
374	420	HODESS CLEANROOM CONSTRUCTION, North Attleboro, Mass. ³⁷⁴	O	56.2	54.4	0	100	0	0	0	0	0	0	0
375	**	ENNIS ELECTRIC CO., Manassas, Va.	E	55.5	15.5	40	0	0	10	15	5	30	0	0
376	429	ACTION ELECTRIC CO. INC., Atlanta, Ga. ³⁷⁶	E/M/ST	55.1	56.2	3	74	5	0	0	17	0	0	1
377	357	MIDSTATE MECHANICAL INC., Phoenix, Ariz.	M	55.1	28.1	100	0	0	0	0	0	0	0	0
378	132	ROGERS ELECTRIC, Alpharetta, Ga. ³⁷⁸	E/O	55.0	75.0	100	0	0	0	0	0	0	0	0
379	388	DELAWARE ELEVATOR INC., Salisbury, Md. ³⁷⁹	O	54.5	33.4	92	6	0	0	0	0	2	0	0
380	302	KOVACH BUILDING ENCLOSURES, Chandler, Ariz.	SH/G	54.5	92.0	90	0	0	0	0	0	10	0	0
381	**	CENTURY CONCRETE, Virginia Beach, Va.	C	54.5	63.7	54	17	0	0	15	0	14	0	0
382	369	A.C. DELLOVADE INC., Canonsburg, Pa.	SH/G	54.5	42.7	30	25	25	0	0	10	10	0	0
383	**	PETTICOAT-SCHMITT CIVIL CONTRACTORS INC., Jacksonville, Fla.	U/X/C	54.4	35.0	0	0	0	20	25	0	55	0	0
384	**	DESERT MECHANICAL INC., Sylmar, Calif.	M/SH	54.4	21.4	50	0	0	0	0	0	50	0	0
385	355	DEE CRAMER INC., Holly, Mich.	SH	54.2	32.6	80	20	0	0	0	0	0	0	0
386	412	SOUTHLAND CONCRETE, Manassas, Va.	C	54.0	65.0	100	0	0	0	0	0	0	0	0
387	**	DANT CLAYTON, Louisville, Ky. ³⁸⁷	O	53.9	55.6	6	0	0	0	5	0	2	0	0
388	382	SWANSON & YOUNGDALE INC., Minneapolis, Minn.	P/W	53.6	45.6	81	1	5	0	0	9	4	0	0
389	272	MILLER INSULATION CO. INC., Bismarck, N.D. ³⁸⁹	O	53.5	31.9	40	0	0	0	0	60	0	0	0
390	413	FINFROCK, Apopka, Fla.	C	53.3	98.1	100	0	0	0	0	0	0	0	0
391	**	BONLAND INDUSTRIES INC., Wayne, N.J.	SH	53.2	50.3	80	8	0	0	0	0	2	0	0
392	401	K.R. SWERDFEGER CONSTRUCTION INC., Pueblo West, Colo.	U	53.2	27.5	0	0	0	30	22	0	0	0	0
393	338	HEMMA CONCRETE INC., Marietta, Ga.	C	53.0	64.0	100	0	0	0	0	0	0	0	0
394	418	FOUNTAIN CONSTRUCTION CO. INC., Jackson, Miss. ³⁹⁴	O/M/E	52.9	24.0	98	1	0	0	0	1	0	0	0
395	315	NASDI LLC, Woburn, Mass.	D	52.8	52.8	70	0	0	0	0	0	15	15	0
396	432	SOWLES CO., Shakopee, Minn. ³⁹⁶	ST/O	52.6	47.8	30	50	0	0	10	0	10	0	0
397	389	THE BULLDOG GROUP INC., Winston-Salem, N.C.	R	52.6	67.7	60	35	0	0	5	0	0	0	0
398	294	JB HENDERSON CONSTRUCTION CO. INC., Albuquerque, N.M. ³⁹⁸	U/M	51.6	23.6	7	87	6	0	0	0	0	0	0
399	364	H.T. SWEENEY & SON INC., Brookhaven, Pa.	X	51.4	49.0	25	0	15	0	10	50	0	0	0
400	383	FLORENCE ELECTRIC/KAYDON INTEGRATED TECHNOLOGIES, Canton, Mass. ⁴⁰⁰	E/O	51.3	58.5	75	10	5	0	0	0	0	0	10

FOOTNOTES: ³⁵¹ = FIT UP/REFRIGERATION ³⁶² = LIGHTWEIGHT INSULATING CONCRETE ³⁷⁰ = MILLWORK ³⁷⁴ = CLEANROOM CONSTRUCTION ³⁷⁶ = DRYWALL/CARPENTRY
³⁷⁸ = LIGHTING ³⁷⁹ = VERTICAL TRANSPORTATION ³⁸⁷ = STADIUM/ARENA MANUFACTURING ³⁸⁹ = INSULATION ³⁹⁴ = GENERAL CONSTRUCTION ³⁹⁶
 = INSTALL TOWER CRANES ³⁹⁸ = PROCESS PIPING/PLUMBING ⁴⁰⁰ = TELECOM

RANK 2017	2016	FIRM	FIRM TYPE	2016 REVENUE (\$ MIL)		MARKETS (% OF 2016 REVENUE)								
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM.
401	417	ASSOCIATED MECHANICAL CONTRACTORS INC., Shakopee, Minn.	M	51.3	102.5	100	0	0	0	0	0	0	0	0
402	400	TRI-STATE DRILLING INC., Plymouth, Minn. ⁴⁰²	X	51.1	72.4	0	0	100	0	0	0	0	0	0
403	377	BARNUM & CELILLO ELECTRIC INC., Sacramento, Calif.	E	51.0	60.0	70	20	0	0	0	10	0	0	0
404	397	TERRY'S ELECTRIC INC., Kissimmee, Fla.	E	50.9	41.6	80	0	10	0	0	0	0	0	10
405	372	SLACK & CO. CONTRACTING INC., Houston, Texas	U/X/O	50.2	81.0	85	0	0	5	5	0	5	0	0
406	359	WESTERN ALLIED CORP., Santa Fe Springs, Calif.	M	49.7	51.9	100	0	0	0	0	0	0	0	0
407	395	DUNN BUILDING CO. LLC, Birmingham, Ala.	\$T/R/C/X	49.7	40.3	10	40	15	0	0	35	0	0	0
408	476	CONCRETE PROTECTION AND RESTORATION INC., Baltimore, Md. ⁴⁰⁸	C	49.1	56.2	96	2	0	0	2	0	0	0	0
409	450	ACE ELECTRIC INC., Valdosta, Ga.	E	48.4	116.5	68	10	5	0	0	15	2	0	0
410	**	ZAK COS. INC., Fenton, Mo.	E/M	48.4	28.9	49	0	0	0	51	0	0	0	0
411	407	MID-CITY ELECTRIC CO., Columbus, Ohio ⁴¹¹	E/O	48.2	37.9	0	0	0	0	0	0	0	0	0
412	409	C.A. LINDMAN COS., Jessup, Md.	MA/C	48.2	52.4	100	0	0	0	0	0	0	0	0
413	**	COMPREHENSIVE ENERGY SERVICES INC., Longwood, Fla. ⁴¹³	M/O/SH	48.0	32.8	100	0	0	0	0	0	0	0	0
414	443	HALEY-GREER INC., Dallas, Texas	G	48.0	41.8	100	0	0	0	0	0	0	0	0
415	340	INTERNATIONAL CHIMNEY CORP., Williamsville, N.Y. ⁴¹⁵	C/MA/D	47.9	36.0	7	5	36	5	3	32	2	5	5
416	**	J&E COS., Grand Prairie, Texas	MA	47.9	58.4	100	0	0	0	0	0	0	0	0
417	480	INTERSTATE MECHANICAL CORP. DBA IMCOR, Phoenix, Ariz. ⁴¹⁷	M/SH/O	47.5	31.9	92	3	0	0	4	0	1	0	0
418	504	CORBINS ELECTRIC, Phoenix, Ariz.	E	47.5	84.1	20	60	0	0	0	0	5	0	15
419	428	ORNDORFF & SPAID INC., Beltsville, Md.	R/SH	47.3	45.8	83	10	0	0	0	7	0	0	0
420	**	PRECISION DEMOLITION LLC, Lewisville, Texas	D	47.3	48.6	80	10	0	0	0	0	10	0	0
421	347	CLEVELAND CEMENT CONTRACTORS INC., Cleveland, Ohio	C	47.2	70.0	75	20	0	0	5	0	0	0	0
422	547	W.D. MANOR MECHANICAL CONTRACTORS INC., Phoenix, Ariz.	M	47.0	20.0	100	0	0	0	0	0	0	0	0
423	405	PERLECTRIC INC., Fairfax, Va.	E	47.0	40.4	90	0	0	0	0	0	0	0	10
424	349	BEARD CONSTRUCTION GROUP LLC, Port Allen, La.	X	46.5	40.4	0	0	23	0	9	60	8	0	0
425	**	GEO-SOLUTIONS INC., New Kensington, Pa. ⁴²⁵	O	46.4	52.0	0	0	0	0	0	0	0	100	0
426	358	MEISNER ELECTRIC INC., Delray Beach, Fla.	E	45.4	56.6	97	0	0	0	0	0	1	0	2
427	419	APEX IMAGING SERVICES, Pomona, Calif.	P/W/D	45.1	35.0	100	0	0	0	0	0	0	0	0
428	**	HEATING & PLUMBING ENGINEERS INC., Colorado Springs, Colo.	M	45.0	45.0	95	5	0	0	0	0	0	0	0
429	399	DUNKIN & BUSH INC., Kirkland, Wash. ⁴²⁹	P/O	44.6	45.0	0	0	4	0	0	86	10	0	0
430	458	CULLUM MECHANICAL CONSTRUCTION INC., North Charleston, S.C.	M	44.5	25.8	42	50	0	0	0	8	0	0	0
431	398	AREA ERECTORS INC., Rockford, Ill.	ST	44.2	49.3	80	10	0	0	5	5	0	0	0
432	444	ACOUSTIC CEILING & PARTITION CO., Ann Arbor, Mich.	W	44.2	36.2	98	2	0	0	0	0	0	0	0
433	478	SPACECON SPECIALTY CONTRACTORS LLC, Wheat Ridge, Colo.	W	44.2	44.2	65	0	0	0	0	0	35	0	0
434	402	PRECISION ENVIRONMENTAL CO., Independence, Ohio	A	44.1	46.7	0	0	0	0	0	0	0	100	0
435	503	THE ROOF DEPOT INC., Alpharetta, Fla.	R	44.1	28.5	100	0	0	0	0	0	0	0	0
436	507	GRIFFIN DEWATERING, Houston, Texas ⁴³⁶	O	44.0	43.6	63	0	14	5	2	7	0	0	0
437	**	BUILDERS PLUS INC., Boynton Beach, Fla. ⁴³⁷	O	43.9	30.8	100	0	0	0	0	0	0	0	0
438	424	TRINITY DRYWALL AND PLASTERING SYSTEMS LP, Fort Worth, Texas	W	43.7	53.2	100	0	0	0	0	0	0	0	0
439	475	GIROUX GLASS INC., Los Angeles, Calif.	G	43.7	63.3	100	0	0	0	0	0	0	0	0
440	423	HARTMAN WALSH INDUSTRIAL SERVICES, St. Louis, Mo.	P	43.3	NA	3	5	25	25	5	20	10	5	2
441	422	INTEX ELECTRICAL CONTRACTORS INC., Forney, Texas	E	42.9	31.8	100	0	0	0	0	0	0	0	0
442	464	MID ATLANTIC MECHANICAL INC., Glen Mills, Pa.	M	42.8	37.5	100	0	0	0	0	0	0	0	0
443	**	GREINER ELECTRIC LLC, Littleton, Colo.	E	42.6	31.2	100	0	0	0	0	0	0	0	0
444	448	GRIBBINS INSULATION, Evansville, Ind. ⁴⁴⁴	O	42.5	31.0	10	5	45	5	0	35	0	0	0
445	384	SUPERIOR RIGGING & ERECTING CO. INC., Atlanta, Ariz. ⁴⁴⁵	ST/O	42.4	36.5	80	15	0	0	0	5	0	0	0
446	268	DANNY'S CONSTRUCTION CO. LLC, Shakopee, Minn.	ST	42.3	67.8	28	1	0	0	1	0	26	0	0
447	465	AJAY GLASS CO., Canandaigua, N.Y.	G	42.2	47.4	100	0	0	0	0	0	0	0	0
448	403	ARC ABATEMENT, Waco, Texas	A/D	42.1	35.2	0	0	0	0	0	0	0	100	0
449	**	CB STRUCTURES, Pompano Beach, Fla.	C	42.0	33.0	100	0	0	0	0	0	0	0	0
450	396	ADRIAN L. MERTON INC., Capitol Heights, Md.	M	41.3	41.3	100	0	0	0	0	0	0	0	0

FOOTNOTES: 402 = LANDSCAPING, ETC. 411 = TELEDATA 413 = SERVICE AND BUILDING AUTOMATION SYSTEMS 415 = HISTORICAL 417 = PLUMBING AND SERVICE 425 = HAZARDOUS WASTE/SOLID WASTE 429 = SCAFFOLDING AND INSULATION 436 = COMMERCIAL DEWATERING 437 = TILT UP 444 = MECHANICAL INSULATION 445 = CRANE RENTAL/RIGGING

RANK 2017	2016	FIRM	FIRM TYPE	2016 REVENUE (\$ MIL)		MARKETS (% OF 2016 REVENUE)								
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM.
451	544	CLEARY CONSTRUCTION INC., Tompkinsville, Ky.	U	41.3	25.5	5	0	0	60	15	0	5	0	0
452	430	CSE INC., Madison Heights, Va.	ST	41.3	32.0	45	20	5	0	0	30	0	0	0
453	394	A&R MECHANICAL CONTRACTORS INC., Urbana, Ill. ⁴⁵³	M/SH	40.7	42.3	90	0	0	0	5	0	0	0	0
454	410	TRUESDELL CORP., Tempe, Ariz. ⁴⁵⁴	O	40.6	49.8	30	0	0	0	0	0	70	0	0
455	414	KOONTZ ELECTRIC CO. INC., Morrilton, Ark.	E	40.4	33.1	0	12	45	34	0	5	4	0	0
456	**	FISCHBACH & MOORE ELECTRIC GROUP LLC, Boston, Mass.	E	40.3	17.3	25	0	35	0	0	0	40	0	0
457	425	NORTH AMERICAN DISMANTLING CORP., Lapeer, Mich.	D/A	40.0	24.5	0	30	40	0	0	10	5	15	0
458	426	OLSSON INDUSTRIAL ELECTRIC, Springfield, Ore.	E	40.0	37.0	0	0	60	0	0	40	0	0	0
459	380	ASCHINGER ELECTRIC CO., Fenton, Mo.	E	39.8	27.0	45	10	0	0	0	25	10	0	10
460	435	ACME CONSTRUCTORS INC., St. Louis, Mo.	M/ST	39.7	32.8	11	88	1	0	0	0	0	0	0
461	491	IMS MASONRY INC., Lindon, Utah	MA	39.6	41.7	98	1	0	0	0	1	0	0	0
462	438	ENVIRONMENTAL HOLDINGS GROUP LLC, Morrisville, N.C.	A	39.5	47.7	0	0	0	0	0	0	0	100	0
463	473	SEABREEZE ELECTRIC INC., Port Charlotte, Fla.	E	39.4	36.2	100	0	0	0	0	0	0	0	0
464	512	INTERNATIONAL ASBESTOS REMOVAL INC., Woodside, N.Y. ⁴⁶⁴	OA	39.3	NA	40	0	0	5	5	0	10	40	0
465	453	JOHNSON AND JORDAN INC., Scarborough, Maine	M	39.3	28.0	96	2	0	1	1	0	0	0	0
466	434	THOMAS INDUSTRIAL COATINGS INC., Pevely, Mo.	P	39.1	29.2	7	4	15	18	18	20	18	0	0
467	445	SIERRA PACIFIC WEST INC., Vista, Calif.	X/D	38.9	23.3	85	0	0	0	0	0	15	0	0
468	415	PHILIPS BROTHERS ELECTRICAL CONTRACTORS INC., Glenmoore, Pa. ⁴⁶⁸	E/U	38.8	23.4	20	10	19	20	10	10	10	0	1
469	543	HELLER ELECTRIC CO. INC., Brandywine, Md.	E	38.6	46.3	90	0	0	0	0	0	0	0	10
470	469	H.R. ALLEN INC., North Charleston, S.C.	E	38.4	28.1	80	10	0	0	0	0	0	0	10
471	437	SUNWEST ELECTRIC INC., Anaheim, Calif.	E	38.4	42.8	85	0	0	0	0	10	0	0	5
472	442	JERRY THOMPSON & SONS, San Rafael, Calif.	P	38.4	42.5	100	0	0	0	0	0	0	0	0
473	483	WAYNE'S ROOFING INC., Sumner, Wash.	R/SH	38.4	36.7	100	0	0	0	0	0	0	0	0
474	**	PETERSON MECHANICAL INC., Sonoma, Calif. ⁴⁷⁴	M	38.3	18.5	90	10	0	0	0	0	0	0	0
475	499	HIS CONSTRUCTORS INC., Indianapolis, Ind. ⁴⁷⁵	X/O/C	38.2	53.0	10	10	0	0	10	0	35	35	0
476	451	BECKSTROM ELECTRIC, Purcellville, Va.	E	38.1	26.5	100	0	0	0	0	0	0	0	0
477	**	ELECTRIC SERVICES INC., Leesburg, Fla.	E	38.0	36.5	80	0	0	0	10	0	0	0	10
478	386	XCEL MECHANICAL SYSTEMS INC., Gardena, Calif. ⁴⁷⁸	M	38.0	28.0	100	0	0	0	0	0	0	0	0
479	461	BELTLINE ELECTRIC CO. INC., Paducah, Ky.	E	38.0	33.3	5	1	15	0	0	78	0	0	0
480	508	THOMARIOS, Copley, Ohio ⁴⁸⁰	P/G	37.8	34.8	50	5	10	0	0	0	5	0	0
481	560	TILSON TECHNOLOGY MANAGEMENT INC., Portland, Maine ⁴⁸¹	O	36.9	44.0	14	0	0	0	0	0	0	0	64
482	447	ASCHER BROTHERS CO. INC., Chicago, Ill.	P	36.8	36.8	100	0	0	0	0	0	0	0	0
483	408	UNITED CHESTER INDUSTRIES INC. DBA UNITED MECHANICAL, Dallas, Texas	M	36.7	39.9	20	35	0	0	0	25	0	0	20
484	557	SUTTER ROOFING, Sarasota, Fla.	R/SH	36.5	30.0	40	0	0	0	0	10	50	0	0
485	518	APEX STEEL INC., Kirkland, Wash.	ST	36.4	31.8	80	0	0	0	0	5	15	0	0
486	**	GENERAL SHEET METAL, Clackamas, Ore.	M/SH	36.3	46.4	70	25	0	0	0	5	0	0	0
487	456	KING OF TEXAS ROOFING CO. LP, Grand Prairie, Texas	R	36.2	38.3	100	0	0	0	0	0	0	0	0
488	500	LONG PAINTING CO., Kent, Wash.	P	36.1	37.6	40	11	9	7	6	16	7	4	0
489	**	RKS PLUMBING AND MECHANICAL INC., Glendale, Ariz.	M	36.1	28.4	85	0	0	5	5	0	5	0	0
490	505	ANRON AIR SYSTEMS INC., N. Babylon, N.Y.	M/SH	36.0	30.0	100	0	0	0	0	0	0	0	0
491	479	WALDROP MECHANICAL SERVICES, Spartanburg, S.C.	M	35.5	42.8	65	35	0	0	0	0	0	0	0
492	509	BRAZOS MASONRY INC., Waco, Texas	MA	35.3	38.0	100	0	0	0	0	0	0	0	0
493	**	BEI CONSTRUCTION INC., Alameda, Calif. ⁴⁹³	E/X	35.2	43.8	20	0	10	0	0	0	0	0	35
494	466	UNITED RIGGERS AND ERECTORS INC., Walnut, Calif.	M/ST/C	35.2	30.3	10	20	10	0	20	40	0	0	0
495	510	TWC CONCRETE SERVICES LLC, Cincinnati, Ohio	C	35.1	35.1	50	50	0	0	0	0	0	0	0
496	**	DORAL CORP., Milwaukee, Wis. ⁴⁹⁶	O	35.0	35.0	0	70	0	0	0	30	0	0	0
497	457	O. C. McDONALD CO. INC., San Jose, Calif.	M	35.0	41.0	88	12	0	0	0	0	0	0	0
498	506	GEORGE E. MASKER INC., Oakland, Calif.	P	34.9	28.0	90	0	0	0	0	0	10	0	0
499	481	LELAND COLLIER ELECTRIC CO., Waco, Texas	E	34.8	60.3	100	0	0	0	0	0	0	0	0
500	**	HAROLD G. BUTZER INC., Jefferson City, Mo.	M/SH	34.5	35.4	80	20	0	0	0	0	0	0	0

FOOTNOTES: 453 = PLUMBING 454 = CONCRETE REPAIR 464 = MECHANICAL AND PLUMBING INSULATION 468 = DATA 474 = PLUMBING 475 = HAZARDOUS WASTE 478 = PLUMBING 480 = GENERAL CONSTRUCTION 481 = TELECOM AND IT INFRASTRUCTURE 483 = AUDIO VISUAL SECURITY 486 = MILLWRIGHT/RIGGING/FABRICATION

#70

PAN-PACIFIC MECHANICAL LLC
became 100% employee-owned at
the end of 2015, when the McMackin
family sold its controlling interest.

RANK 2017	2016	FIRM	FIRM TYPE	2016 REVENUE (\$ MIL)		MARKETS (% OF 2016 REVENUE)								
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM
501	470	O'ROURKE WRECKING CO., Cincinnati, Ohio	D	34.3	24.0	45	25	5	0	5	15	5	0	0
502	514	MIDWEST SERVICE GROUP, St. Peters, Mo.	A/D/R	34.0	34.0	0	0	0	0	0	0	0	100	0
503	431	CANtera CONCRETE CO. LLC, Tulsa, Okla.	C	33.9	30.2	85	0	0	0	0	15	0	0	0
504	433	HACI MECHANICAL CONTRACTORS INC., Phoenix, Ariz.	M	33.4	40.4	73	7	0	0	17	0	3	0	0
505	556	MSL ELECTRIC INC., Anaheim, Calif.	E	33.1	30.4	0	0	0	0	0	0	100	0	0
506	371	CENTRAL CEILINGS INC., South Easton, Mass.	W	33.1	29.3	100	0	0	0	0	0	0	0	0
507	**	TLC DIVERSIFIED INC., Palmetto, Fla.	M/U/C	32.9	28.3	0	0	0	0	100	0	0	0	0
508	449	GRAZZINI BROTHERS & CO., Eagan, Minn. ⁵⁰⁸	O	32.7	24.0	97	1	0	0	0	0	2	0	0
509	310	BIRDAIR INC., Amherst, N.Y.	R	32.5	34.0	100	0	0	0	0	0	0	0	0
510	511	BAKER PAINT & CONTRACTING CO. INC., Tucker, Ga. ⁵¹⁰	P/W	32.4	28.0	100	0	0	0	0	0	0	0	0
511	463	WIEGMANN ASSOCIATES, St. Charles, Mo.	M	32.4	30.0	100	0	0	0	0	0	0	0	0
512	487	BUESING CORP., Phoenix, Ariz. ⁵¹²	XO	32.4	34.7	68	11	0	3	6	2	8	0	0
513	468	INTECH CONTRACTING LLC, Lexington, Ky. ⁵¹³	P/O	32.1	29.2	4	0	0	0	0	1	95	0	0
514	345	ARCHITECTURAL WALL SYSTEMS LLC, Clive, Iowa	G/SH	32.1	40.5	100	0	0	0	0	0	0	0	0
515	467	ADVANCETEC LLC, Richmond, Va. ⁵¹⁵	O	31.9	28.0	0	50	20	0	0	0	0	0	0
516	494	MKD ELECTRIC, Elgin, Ill.	E	31.8	31.8	1	16	0	0	0	83	0	0	0
517	454	SEEDORFF MASONRY INC., Strawberry Point, Iowa	MA	31.8	25.7	100	0	0	0	0	0	0	0	0
518	546	CRAWFORD-TRACEY CORP., Deerfield Beach, Fla.	G	31.6	30.2	100	0	0	0	0	0	0	0	0
519	439	ACME ELECTRIC CO., Lubbock, Texas	E	31.3	33.0	60	0	0	40	0	0	0	0	0
520	552	MAYERS ELECTRIC CO. INC., Cincinnati, Ohio	E	31.3	25.2	53	28	6	0	0	11	0	0	2
521	570	J. CROMPTON ELECTRIC INC., West Palm Beach, Fla. ⁵²¹	O	31.2	30.0	4	0	0	0	0	0	0	0	96
522	**	AARON ENTERPRISES INC., York, Pa. ⁵²²	O/X	31.2	34.5	0	0	30	5	15	25	25	0	0
523	**	H&H GROUP HOLDINGS INC., Madison, Wis. ⁵²³	E/O/M	31.1	46.3	80	0	0	0	0	0	0	0	0
524	436	DCR SERVICES INC., Lakeland, Fla. ⁵²⁴	E/O/M	30.7	NA	0	0	43	0	3	39	6	0	9
525	**	NABCO MECHANICAL & ELECTRICAL INC., Conway, Ark.	E/M	30.5	15.3	100	0	0	0	0	0	0	0	0
526	550	DEMOLITION & ASBESTOS REMOVAL INC., Greensboro, N.C.	A	30.5	35.1	0	0	0	0	0	0	0	100	0
527	555	GRAYDAZE CONTRACTING INC., Alpharetta, Ga.	P	30.3	24.7	92	8	0	0	0	0	0	0	0
528	493	MARR SCAFFOLDING CO., South Boston, Mass. ⁵²⁸	O	30.3	30.1	0	0	0	0	0	0	0	0	0
529	516	HOOVER CONSTRUCTION, Virginia, Minn. ⁵²⁹	X/O	30.0	30.0	5	0	20	10	0	30	30	0	5
530	472	K&K IRON WORKS LLC, McCook, Ill. ⁵³⁰	ST/O	30.0	29.0	50	5	5	0	10	0	30	0	0
531	567	MILLERCLAPPERTON, Austell, Ga.	W	30.0	51.0	100	0	0	0	0	0	0	0	0
532	533	K&S AIR CONDITIONING INC., Orange, Calif.	M	29.9	30.0	100	0	0	0	0	0	0	0	0
533	498	FENTON RIGGING & CONTRACTING, Cincinnati, Ohio ⁵³³	O/C/ST	29.9	29.9	0	45	10	0	0	0	45	0	0
534	471	B&B ELECTRICAL CONTRACTORS INC., Iron Mountain, Mich.	E	29.3	18.0	11	0	14	0	0	66	0	0	0
535	523	CERTIFIED COATINGS CO., Fairfield, Calif.	P/A	29.3	14.1	0	1	0	10	0	15	74	0	0
536	521	THE GEORGE D. ALAN CO., Grand Prairie, Texas ⁵³⁶	O	29.2	35.7	75	10	0	0	2	5	8	0	0
537	501	JOHNSON-DAVIS INC., Lantana, Fla.	U	29.1	35.5	0	0	0	30	70	0	0	0	0
538	**	C.P. WARD INC., Scottsville, N.Y. ⁵³⁸	O/C/ST	28.9	25.0	5	0	0	5	5	0	85	0	0
539	538	HARRISON CONTRACTING CO. INC., Villa Rica, Ga.	P	28.9	27.2	100	0	0	0	0	0	0	0	0
540	460	NICKLE ELECTRICAL COS., Newark, Del.	E	28.8	27.3	90	10	0	0	0	0	0	0	0
541	492	THE HOLBROOK CO. INC., Grand Prairie, Texas	X/D	28.6	25.8	88	0	0	0	0	0	12	0	0
542	486	QUALITY INTERIORS INC., Indianapolis, Ind.	W/P	28.6	13.5	90	10	0	0	0	0	0	0	0
543	568	RAM ACOUSTICAL CORP., Beaver Falls, Pa.	W	28.6	19.9	100	0	0	0	0	0	0	0	0
544	572	EARTH SERVICES & ABATEMENT INC., Commerce City, Colo.	A	28.5	28.5	10	0	20	0	0	30	10	30	0
545	520	W.B. GUIMARIN & CO. INC., Columbia, S.C.	M	28.5	22.1	70	0	0	0	0	20	10	0	0
546	524	TEXAS SCENIC CO., San Antonio, Texas ⁵⁴⁶	O	28.5	32.5	100	0	0	0	0	0	0	0	0
547	490	RHP MECHANICAL SYSTEMS, Reno, Nev.	M	28.2	19.3	40	40	0	0	0	20	0	0	0
548	482	MIDWEST STEEL CO. INC., Houston, Texas	D	28.1	24.7	0	0	0	0	0	100	0	0	0
549	**	LEGACY BUILDING SOLUTIONS INC., South Haven, Minn.	R/ST	28.1	25.3	10	25	5	0	10	40	10	0	0
550	**	PEOPLES ELECTRIC CO. INC., Saint Paul, Minn.	E	28.0	22.7	69	5	3	0	0	0	11	0	12

FOOTNOTES: ⁵⁰⁸ = SPECIALTY CONTRACTOR ⁵¹⁰ = DRYWALL ⁵¹² = BRIDGE RESTORATION, BRIDGE INSPECTION, SUPPORT, STEEL FABRICATION ⁵¹⁵ = CLEANROOM ⁵²¹ = TELECOMMUNICATIONS
⁵²² = TRENCHLESS TECHNOLOGY ⁵²³ = SOLAR EPC ⁵²⁴ = ENGINEERING AND CONTROL SYSTEM INTEGRATION ⁵²⁸ = ALL EXCEPT STEEL AND UTILITY ⁵²⁹ = DRILLING AND BLASTING ⁵³⁰ = STEEL FABRICATION
⁵³³ = RIGGING AND CONSTRUCTION SERVICES ⁵³⁶ = WATERPROOFING ⁵³⁸ = HEAVY HIGHWAY ⁵⁴⁶ = THEATRICAL EQUIPMENT

W&W GLASS LLC is will install a 49-ft structural glass wall with 45-ft, full-height glass fins in the Manhattan West complex in New York City.

RANK 2017	2016	FIRM	FIRM TYPE	2016 REVENUE (\$ MIL)		MARKETS (% OF 2016 REVENUE)									
				TOTAL REVENUE	NEW CONTRACTS	GENERAL BUILDING	MANUFACTURING	POWER	WATER SUPPLY	SEWER / WASTE	INDUS. / PETROLEUM	TRANSPORTATION	HAZARDOUS WASTE	TELECOM	
551	573	LEGACY MECHANICAL INC., Denver, Colo.	M	28.0	22.5	98	1	0	0	0	1	0	0	0	
552	474	TARLTON AND SON INC., Fresno, Calif.	W/P	27.9	48.2	90	0	0	10	0	0	0	0	0	
553	441	FRISCHHERTZ ELECTRIC CO. INC., New Orleans, La.	E	27.8	41.5	80	10	0	0	0	0	0	0	10	
554	541	PERRECA ELECTRIC CO. INC., Newburgh, N.Y.	E	27.8	16.9	5	5	80	0	0	5	0	0	5	
555	580	ATS DRILLING INC., Fort Worth, Texas	X	27.6	33.0	25	0	0	0	0	0	75	0	0	
556	455	DEE BROWN INC., Garland, Texas	MA	27.6	29.6	100	0	0	0	0	0	0	0	0	
557	**	NOVA HOTEL RENOVATION & CONSTRUCTION, Treasure Island, Fla.	MA/P/W	27.5	18.3	100	0	0	0	0	0	0	0	0	
558	513	SHARLEN ELECTRIC CO., Chicago, Ill.	E	27.1	52.0	95	0	0	0	0	0	0	0	5	
559	**	DUAL TEMP CO., Allentown, Pa.	M/SH	27.0	28.0	55	30	0	0	0	15	0	0	0	
560	489	DURR HEAVY CONSTRUCTION, Harahan, La.	X/D/C	27.0	21.4	70	0	0	0	0	0	30	0	0	
561	525	DESIGN ELECTRIC INC., Charlottesville, Va.	E	26.8	17.8	65	10	0	0	0	10	5	0	10	
562	548	CENTURY MECHANICAL CONTRACTORS INC., Fort Worth, Texas	M	26.8	51.2	85	0	0	0	0	15	0	0	0	
563	517	MKB CONSTRUCTION INC., Phoenix, Ariz.	W/P	26.7	24.6	70	10	0	0	5	0	15	0	0	
564	553	CHEROKEE ENTERPRISES INC., Miami Lakes, Fla. ⁵⁶⁴	O/M/C	26.7	11.0	0	0	0	0	10	0	75	15	0	
565	559	JOHN SMITH MASONRY, St. Louis, Mo.	MA	26.7	28.0	80	5	5	0	4	6	0	0	0	
566	566	BLOUNT CONTRACTING INC., Apache Junction, Ariz.	X	26.1	22.4	27	0	34	31	5	0	3	0	0	
567	554	D.W. NICHOLSON CORP., Hayward, Calif. ⁵⁶⁷	M/E/ST	25.8	25.3	15	10	0	0	15	15	45	0	0	
568	549	DHFUNK & SONS LLC, Columbia, Pa. ⁵⁶⁸	X	25.3	22.9	65	10	0	0	15	10	0	0	0	
569	529	METRO MECHANICAL INC., Bolton, Miss.	M	25.3	24.8	100	0	0	0	0	0	0	0	0	
570	539	BRODIE CONTRACTORS INC., Raleigh, N.C.	MA	25.1	28.6	100	0	0	0	0	0	0	0	0	
571	587	GRAHAM COUNTY LAND CO. LLC, Robbinsville, N.C. ⁵⁷¹	O/X/C	25.0	20.0	20	0	0	0	15	0	50	0	0	
572	**	ALL-SOUTH SUBCONTRACTORS INC., Birmingham, Ala.	R	25.0	26.1	70	30	0	0	0	0	0	0	0	
573	530	R & R WINDOW CONTRACTORS INC., Easthampton, Mass. ⁵⁷³	G	24.9	33.6	100	0	0	0	0	0	0	0	0	
574	**	CENTERLINE UTILITIES INC., Palm City, Fla.	U	24.9	31.4	50	0	0	0	0	0	50	0	0	
575	575	NATIONAL ENCLOSURE CO., Ypsilanti, Mich.	G	24.8	10.6	100	0	0	0	0	0	0	0	0	
576	**	MASONRY BUILDERS INC., Tampa, Fla.	MA	24.8	26.7	100	0	0	0	0	0	0	0	0	
577	527	PRISM RESPONSE INC., Export, Pa.	A	24.7	20.0	20	0	0	0	0	30	0	50	0	
578	**	WESTMORELAND ELECTRIC SERVICES LLC, Tarrs, Pa.	E	24.7	14.7	67	0	0	0	20	0	0	0	13	
579	534	PATRIOT ERECTORS INC., Dripping Springs, Texas	ST	24.6	32.8	90	10	0	0	0	0	0	0	0	
580	600	ENVIRO-SAN CORP. DBA CLUNN ACOUSTICAL SYSTEMS, Magnolia, Texas	W	24.5	21.4	100	0	0	0	0	0	0	0	0	
581	515	THE PIPCO COS. LTD., Peoria, Ill.	O/M/SH	24.5	27.5	35	20	0	0	0	15	0	0	0	
582	542	THE WITMER GROUP, Mount Joy, Pa. ⁵⁸²	MA/O	24.3	29.0	75	20	0	0	0	5	0	0	0	
583	579	PIEDMONT MECHANICAL INC., Spartanburg, S.C. ⁵⁸³	M	24.3	25.3	0	93	7	0	0	0	0	0	0	
584	574	SHIELDS INC., Winston Salem, N.C. ⁵⁸⁴	W/O	24.0	26.5	100	0	0	0	0	0	0	0	0	
585	**	ATLANTIC ELECTRIC LLC, North Charleston, S.C.	E	23.6	16.9	5	0	0	0	10	0	85	0	0	
586	**	NATIONAL COATINGS, Raleigh, N.C.	P	23.1	32.0	92	0	0	8	0	0	0	0	0	
587	537	IHP INDUSTRIAL INC., Saint Joseph, Mo.	M	22.8	13.9	20	30	0	10	0	40	0	0	0	
588	586	ACKERMAN PLUMBING INC., Sarasota, Fla. ⁵⁸⁸	M	22.6	24.0	100	0	0	0	0	0	0	0	0	
589	**	WHEELER ELECTRIC INC., Idaho Falls, Idaho	E	22.6	31.0	28	21	21	0	0	19	1	0	5	
590	599	THE COMTRAN GROUP INC., Buford, Ill. ⁵⁹⁰	O	22.5	14.2	0	0	0	0	0	0	0	0	100	
591	564	HARGROVE ELECTRIC CO. INC., Dallas, Texas	E	22.2	16.8	65	20	6	0	0	0	0	0	9	
592	562	ERSI, East Syracuse, N.Y.	D	21.8	30.5	40	30	20	0	0	10	0	0	0	
593	576	NEWROADS ENVIRONMENTAL SERVICES, Brockton, Mass.	A	21.6	11.0	0	0	0	0	0	0	0	100	0	
594	558	M & D MECHANICAL CONTRACTORS INC., Decatur, Ala.	M	21.5	20.0	20	30	0	0	0	50	0	0	0	
595	**	11400 INC., Lancaster, Pa. ⁵⁹⁵	O	21.4	23.8	100	0	0	0	0	0	0	0	0	
596	613	CR LIGHTING & ELECTRIC INC., Layton, Utah	E	21.1	19.7	100	0	0	0	0	0	0	0	0	
597	**	O.S. INTERIOR SYSTEMS INC., Houston, Texas	W	20.9	23.4	100	0	0	0	0	0	0	0	0	
598	569	VIDIMOS INC., East Chicago, Ind.	SH	20.7	20.7	0	10	10	0	0	80	0	0	0	
599	571	HAMPSHIRE FIRE PROTECTION, Londonderry, N.H.	F	20.2	26.1	100	0	0	0	0	0	0	0	0	
600	**	COATINGS UNLIMITED INC., St. Louis, Mo.	P	20.1	12.4	0	10	30	20	5	25	10	0	0	

FOOTNOTES: ⁵⁶⁴ = ENVIRONMENTAL REMEDIATION CONSTRUCTION ⁵⁶⁷ = DOORS, VRCS ⁵⁶⁸ = SITEMARK ⁵⁷¹ = CLEANING, GRUBBING, GRINDING, TREE REMOVAL, EROSION CONTROL, STORM DRAINAGE, SITEMARK, EARTHWORK
⁵⁷³ = EXTERIOR PANELS ⁵⁸² = CAULKING/WATERPROOFING ⁵⁸³ = PLUMBING ⁵⁸⁴ = INSULATION ⁵⁸⁹ = COMMUNICATIONS ⁵⁹⁵ = FOOD-SERVICE EQUIPMENT

Where To Find the Top 600

FIRM	RANK	FIRM	RANK	FIRM	RANK	FIRM	RANK
A		Baker Electric Inc.	135	CEC Cos.	270	Delta Diversified Enterprises Inc.	309
		Baker Group	165	Ceco Construction Group	24	Demolition & Asbestos Removal Inc.	526
11400 Inc.	595	Baker Paint & Contracting Co. Inc.	510	Centerline Utilities Inc.	574	J. Derenzo Co.	142
A&R Mechanical Contractors Inc.	453	Baker Roofing Co.	127	CentiMark Corp.	22	Desert Mechanical Inc.	384
Aaron Enterprises Inc.	522	Baker Triangle	167	Central Ceilings Inc.	506	Design Electric Inc.	561
ACCO Engineered Systems	14	Barnhart Crane and Rigging Co.	58	Century Concrete	381	DGC Capital Contracting Corp.	351
Ace Electric Inc.	409	Barnum & Celillo Electric Inc.	403	Century Mechanical Contractors Inc.	562	Diversified Utility Services Inc.	292
Ackerman Plumbing Inc.	588	Basden Steel Corp.	264	Certified Coatings Co.	535	Donley's	204
ACME Constructors Inc.	460	Bayside Interiors Inc.	305	Chapel Electric Co. LLC	229	Doral Corp.	496
Acme Electric Co.	519	Beard Construction Group LLC	424	Charter Mechanical Contractors Inc.	241	Douglass Colony Group	306
Acousti Engineering Co. of Florida	109	Beaver Excavating Co.	145	Cherokee Enterprises Inc.	564	Drill Tech Drilling & Shoring	224
Acoustic Ceiling & Partition Co.	432	Beckstrom Electric	476	Cherry Cos.	185	Dual Temp Co.	559
ACS System Associates	341	BEI Construction Inc.	493	W.A. Chester LLC	235	Ducci Electrical Contractors Inc.	278
Action Electric Co. Inc.	376	Bel-Aire Mechanical Inc.	338	Clean Earth Inc.	130	E.M. Duggan Inc.	163
Advance Mechanical Systems	272	Beltline Electric Co. Inc.	479	Cleary Construction Inc.	451	Dunbar Mechanical Inc.	340
AdvanceTEC LLC	515	Bencor Global Inc., A Keller Co.	366	Cleveland Cement Contractors Inc.	421	Dunkin & Bush Inc.	429
J.F. Ahern Co.	67	Benson Industries Inc.	85	Cleveland Electric Co.	143	Dunn Building Co. LLC	407
Ajay Glass Co.	447	Bergelectric Corp.	34	Coastal Mechanical Services Group	113	Durr Heavy Construction	560
Alaka'i Mechanical Corp.	267	Berkel & Co. Contractors Inc.	95	Coatings Unlimited Inc.	600	E	
The George D. Alan Co.	536	Best Contracting Services Inc.	205	Cochran Inc.	123	Earth Services & Abatement Inc.	544
Joseph J. Albanese Inc.	97	Bierlein Cos. Inc.	296	Collins Electrical Co. Inc.	260	Edgerton Contractors Inc.	342
Alcal Specialty Contracting	149	Birdair Inc.	509	Comfort Systems USA	9	Egan Co.	94
Aldridge Electric Inc.	44	Blount Contracting Inc.	566	Commonwealth Electric Co. of the Midwest	208	E-J Electric Installation Co.	60
H.R. Allen Inc.	470	Bomel Construction Co. Inc.	117	ComNet Communications LLC	201	Eldeco Inc.	269
Alliance Glazing Technologies	298	Bond Brothers Inc.	29	Comprehensive Energy Services Inc.	413	Electric Services Inc.	477
All-South Subcontractors Inc.	572	Bonland Industries Inc.	391	The ComTran Group Inc.	590	Ellingson Cos.	253
Alterman Inc.	245	Frank M. Booth Inc.	308	Concrete Protection and Restoration Inc.	408	Davis H. Elliot Co.	64
American Direct	238	Boudreau Pipeline Corp.	333	Concrete Strategies	150	EMCOR Group Inc.	2
American Technologies Inc.	128	Boyett Construction Inc.	367	Concrete Value Corp.	187	Enclos Corp.	39
Amex Nooter	257	W. Bradley Electric Inc.	262	Condon-Johnson & Associates	180	Encore Electric Inc.	170
AMPAM Parks Mechanical	210	Brandenburg Industrial Service Co.	129	Conti Corp.	35	Ennis Electric Co.	375
Anron Air Systems Inc.	490	BrandSafway	4	Continental Electrical Construction Co.	181	Enterprise Properties Inc.	299
Apex Imaging Services	427	The Brandt Cos. LLC	46	Corbins Electric	418	Environmental Holdings Group LLC	462
Apex Steel Inc.	485	Brazos Masonry Inc.	492	CR Lighting & Electric Inc.	596	Enviro-San Corp. dba Clunn Acoustical Systems	580
APG Electric Inc.	322	J.M. Brennan Inc.	274	F.L. Crane & Sons Inc.	220	ERMCO Inc.	228
API Group Inc.	5	Briggs Electric Inc.	291	Crawford-Tracey Corp.	518	ERSI	592
Apollo Mechanical Contractors	55	Broadway Electric Inc.	252	Critchfield Mechanical Inc.	108	F	
ARC Abatement	448	The Brock Group	8	J. Crompton Electric Inc.	521	Faith Technologies Inc.	33
Architectural Glass & Aluminum Co. Inc.	194	Brodie Contractors Inc.	570	Crown Corr Inc.	105	Fenton Rigging & Contracting	533
Architectural Wall Systems LLC	514	Brooks-Berry-Haynie & Associates Inc.	259	JRCruz Corp.	344	Ferguson	327
Arden Building Cos. LLC	183	Bruce & Merrilees Electric	285	GSE Inc.	452	Feyen Zylstra	246
Area Energy & Electric Inc.	326	Buckner Cos.	195	CSI Electrical Contractors Inc.	107	Finrock	390
Area Erectors Inc.	431	Buesing Corp.	512	Cullum Mechanical Construction Inc.	430	Fiore & Sons Inc.	303
Arkel International LLC	318	Builders Plus Inc.	437	Cupertino Electric Inc.	18	Fischbach & Moore Electric Group LLC	456
Ascher Brothers Co. Inc.	482	Buist Electric	355	D		Fisk Electric Co.	82
Aschinger Electric Co.	459	The Bulldog Group Inc.	397	Daley's Drywall and Taping Inc.	277	Five Star Electric Corp.	27
Associated Mechanical Contractors Inc.	401	Harold G. Butzer Inc.	500	Danella Cos. Inc.	68	Flagger Force Traffic Control Services	331
Atlantic Constructors Inc.	212	C		Danny's Construction Co. LLC	446	Florence Electric/Kaydon Integrated Technologies	400
Atlantic Electric LLC	585	Cache Valley Electric Co.	52	Dant Clayton	387	Fly & Form Structures Inc.	293
ATS Drilling Inc.	555	California Drywall	98	DCR Services Inc.	524	Flynn Group of Cos.	157
Avalotis Corp.	372	J.C. Cannistraro LLC	86	M.C. Dean Inc.	20	Foundation Constructors Inc.	361
AZCO Inc.	69	Cannon & Wendt Electric Co.	316	Dee Brown Inc.	556	Fountain Construction Co. Inc.	394
B		Cantera Concrete Co. LLC	503	Dee Cramer Inc.	385	W.L. French Excavating Corp.	310
B&B Electrical Contractors Inc.	534	Capform Inc.	59	Delaware Elevator Inc.	379	Fresh Meadow Mechanical Corp.	225
Baker Construction Enterprises Inc.	15	Case Foundation Co., A Keller Co.	166	A.C. Dellovade Inc.	382		
		CB Structures	449				

FIRM	RANK	FIRM	RANK	FIRM	RANK	FIRM	RANK
Frischhertz Electric Co. Inc.	553	Hill Mechanical Corp.	75	Kirlin Group	54	Midwest Drywall Co. Inc.	283
DHFunk & Sons LLC	568	HIS Constructors Inc.	475	Koontz Electric Co. Inc.	455	Midwest Service Group	502
G		Hi-Tech Electric Inc.	301	Kovach Building Enclosures	380	Midwest Steel	162
		HJ Foundation, A Keller Co.	236	KPost Co.	362	Midwest Steel Co. Inc.	548
		Hodess Cleanroom Construction	374	KSW Mechanical	133	Miller Electric Co.	91
Gaines & Co.	350	The Holbrook Co. Inc.	541	L		Miller Electric Co.	288
Thomas G. Gallagher Inc.	226	Holland Roofing Group	313			Miller Insulation Co. Inc.	389
Gate Precast Co.	122	Hoover Construction	529	Lake Erie Electric Cos.	147	MillerClapperton	531
Gaylor Electric Inc.	124	Humphrey & Associates Inc.	258	Landmark Construction Co. Inc.	188	MKB Construction Inc.	563
General Sheet Metal	486	Hunt Electric Corp.	63	Largo Concrete Inc.	48	MKD Electric	516
Geo-Solutions Inc.	425	Hussung Mechanical Contractors Inc.	304	Latite Roofing LLC	349	MMC Contractors Inc.	79
Gerdau Reinforcing Steel	84	Hypower Inc.	324	Legacy Building Solutions Inc.	549	MMR Group Inc.	19
Giroux Glass Inc.	439	I		Legacy Mechanical Inc.	551	Modern Piping Inc.	280
Richard Goettle Inc.	359			Dorvin D. Leis Co. Inc.	169	Mona Electric Group Inc.	211
Goyette Mechanical Co.	330	icon Mechanical Construction & Engineering LLC	237	Leland Collier Electric Co.	499	R.T. Moore Co. Inc.	284
Graham County Land Co. LLC	571	IES Holdings Inc.	21	Letsos Co.	190	Moretrench	146
Graydaze Contracting Inc.	527	IHP Industrial Inc.	587	Liberty Construction Services LLC	148	Morrow-Meadows Corp.	32
Grazzini Brothers & Co.	508	IMS Masonry Inc.	461	Limbach Facility Services	43	The Morse Group Inc.	144
Greater Metroplex Interiors Inc.	215	Independence Excavating Inc.	104	C.A. Lindman Cos.	412	Motor City Electric Co.	74
John E. Green Co.	116	Inglett & Stubbs LLC	136	Lithko Contracting LLC	28	MSL Electric Inc.	505
Greenberry Industrial	239	Intech Contracting LLC	513	Long Painting Co.	488	MTech Mechanical	203
Gregg Electric Inc.	314	International Asbestos Removal Inc.	464	LPR Construction	250	Murphy Co. Mechanical Contractors and Engineers	77
Gregory Electric Co. Inc.	336	International Chimney Corp.	415	M		Murray Co.	90
Greiner Electric LLC	443	Interstate Mechanical Corp. dba IMCOR	417			Muth Electric Inc.	323
Gribbins Insulation	444	Interstates	176	M & D Mechanical Contractors Inc.	594	MVerge	16
Griffin Dewatering	436	Intex Electrical Contractors Inc.	441	MacDonald Miller Facility Solutions	76	MYR Group Inc.	12
D.H. Griffin Wrecking Co. Inc.	171	INTREN LLC	50	Malcolm Drilling Co. Inc.	71	N	
Wayne J. Griffin Electric Inc.	57	IPS	371	Manafort Brothers Inc.	102		
Group Builders Inc.	261	Irex Contracting Group	103	B.T. Mancini Co. Inc.	251	Nabco Mechanical & Electrical Inc.	525
Grunau Co.	217	ISC Constructors LLC	53	W.D. Manor Mechanical Contractors Inc.	422	NASDI LLC	395
GSL Electric	363	ISEC Inc.	61	Marr Scaffolding Co.	528	Nashville Machine Co. Inc.	222
Guarantee Electrical Co.	161	Ivey Mechanical Co.	140	H.J. Martin and Son	174	National Coatings	586
W. B. Guimarin & Co. Inc.	545	J		George E. Masker Inc.	498	National Construction Enterprises Inc.	206
H				Masonry Builders Inc.	576	National Enclosure Co.	575
		J&E Cos.	416	MasTec Inc.	3	National Steel City LLC	312
H&H Group Holdings Inc.	523	Jarrell Mechanicals	332	Mayers Electric Co. Inc.	520	Nations Roof	152
HACI Mechanical Contractors Inc.	504	JDC Demolition Co. Inc.	345	MB Mechanicals Holdings	141	NEAD Electric	279
Haley-Greer Inc.	414	JMEG LLC	164	McCarl's Inc.	173	Network Infrastructure Inc.	320
Hampshire Fire Protection	599	Johnson and Jordan Inc.	465	G.M. McCrossin Inc.	319	Nevell Group Inc.	243
Harder Mechanical Contractors Inc.	88	Johnson-Davis Inc.	537	O. C. McDonald Co. Inc.	497	New River Electrical Corp.	96
Hardrock Concrete Placement Co. Inc.	360	K		The McDougall Family of Cos.	213	Newkirk Electric Associates Inc.	196
Hargrove Electric Co. Inc.	591			McGee Brothers Co. Inc.	265	NewRoads Environmental Services	593
Harmon	78	K&K Iron Works LLC	530	McHugh Concrete Construction	219	The Newton Group	40
Harris Cos.	41	K&S Air Conditioning Inc.	532	McKenney's Inc.	62	Nicholson Construction Co.	231
Harrison Contracting Co. Inc.	539	K2 Industrial Services Inc.	175	McKinney Drilling Co., A Keller Co.	227	D.W. Nicholson Corp.	567
Hartman Walsh Industrial Services	440	Kalkreuth Roofing and Sheet Metal	214	McKinstry	23	Nickle Electrical Cos.	540
Hatzel & Buehler Inc.	87	Karas & Karas Glass Co. Inc.	255	MDU Construction Services Group Inc.	13	North American Dismantling Corp.	457
Hayward Baker Inc., A Keller Co.	30	L. Keeley Construction	179	Mechanical Inc.	65	Northland Concrete & Masonry Co. LLC	216
Heating & Plumbing Engineers Inc.	428	Keller (Canada), A Keller Co.	223	Meisner Electric Inc.	426	NorthStar Group Services Inc.	26
Edwin L. Heim Co.	311	Kelso-Burnett	182	Menard Group USA	325	Nova Hotel Renovation & Construction	557
Helix Electric	31	Kent Cos.	139	Adrian L. Merton Inc.	450	O	
Heller Electric Co. Inc.	469	KHS&S Contractors	81	Metro Mechanical Inc.	569		
Hemma Concrete Inc.	393	JF Kiely Construction	242	MG McGrath	365	O.S. Interior Systems Inc.	597
JB Henderson Construction Co. Inc.	398	Kimbel Mechanical Systems	302	Mid Atlanti Mechanical Inc.	442	O'Connell Electric Co. Inc.	160
Henkels & McCoy Group	7	King of Texas Roofing Co. LP	487	Mid-City Electric Co.	411	Oil Capital Electric	348
HEPACO LLC	347			Midstate Mechanical Inc.	377	Oklahoma Electrical Supply Co.	290
Hermanson Co. LLP	186						

FIRM	RANK	FIRM	RANK	FIRM	RANK	FIRM	RANK			
Olsson Industrial Electric	458	J. Ranck Electric Inc.	244	Sure Steel Inc.	317	Waldrop Mechanical Services	491			
Orndorff & Spaid Inc.	419	W.A. Rasic Construction Co.	233	Sutter Roofing	484	Walker Engineering Inc.	80			
O'Rourke Wrecking Co.	501	The Raymond Group	155	Swanson & Youngdale Inc.	388	C.P. Ward Inc.	538			
P		Redwood Electric Group Inc.	49	H.T. Sweeney & Son Inc.	399	R.W. Warner Inc.	357			
		A.O. Reed & Co.	191	K.R. Swerdfeger Construction Inc.	392	Wayne Automatic Fire Sprinklers Inc.	254			
		Remedial Construction Services LP	153	The Systems Group	281	Wayne Brothers Inc.	275			
		RHP Mechanical Systems	547	T		Wayne's Roofing Inc.	473			
		J.E. Richards Inc.	156			WDF	73			
P.A.L. Environmental Safety Corp.	240				Weifield Group Contracting	364				
P1 Group Inc.	110	Riggs Distler & Co. Inc.	106			West Valley Construction Co. Inc.	184			
Pacific Structures Inc.	193	RK Mechanical Inc.	121			Western Allied Corp.	406			
Panelized Structures Inc.	172	RKS Plumbing and Mechanical Inc.	489	T E C Industrial	200		Western Specialty Contractors	118		
Pan-Pacific Mechanical LLC	70	RMF Nooter Inc.	119	Tarlton and Son Inc.	552		Westmoreland Electric Services LLC	578		
Alex E. Paris Contracting Co. Inc.	294	Rogers Electric	378	TAS Commercial Concrete Construction LLC	66		Westside Mechanical Group	256		
Parsons Electric	72	Rommel Construction Group	230	Taylor Electric Inc.	352		Wheeler Electric Inc.	589		
Patriot Erectors Inc.	579	The Roof Depot Inc.	435	TDIndustries Inc.	38		White Electrical Construction Co.	334		
PayneCrest Electric Inc.	207	Rosendin Electric	6	Team Industrial Services	11		Wiegmann Associates	511		
Penhall Co.	115	Ruttura & Sons Construction Co. Inc.	282	Terra Millennium Corp.	45		TJ Wies Contracting Inc.	315		
TB Penick & Sons Inc.	273	Ryan Inc. Central	159	Terry's Electric Inc.	404		The Williams Group	209		
John A. Penney Co. Inc.	337	S		Texas Scenic Co.	546		Wilson Electric Services Corp.	263		
Peoples Electric Co. Inc.	550			Thomarios	480		The Witmer Group	582		
Performance Contracting Group Inc.	10			Thomas Industrial Coatings Inc.	466		Worth and Co.	189		
Perlectric Inc.	423			F.D. Thomas Inc.	271		WPI	132		
				Thompson Electric Co.	358		Wyatt Inc.	370		
Perreca Electric Co. Inc.	554	S&F Concrete Contractors Inc.	158	Jerry Thompson & Sons	472	X				
Martin Petersen Co. Inc.	354	Sachs Electric Co.	100	Tilson Technology Management Inc.	481			Xcel Mechanical Systems Inc.	478	
Peterson Mechanical Inc.	474	Sargent Electric Co.	297	TLC Diversified Inc.	507		Y			
Petillo Inc.	343	Sauer Holdings Inc.	178	W.G. Tomko Inc.	249				YTG LLC	199
Petticoat-Schmitt Civil Contractors Inc.	383	Schlouch Inc.	339	Total Facility Solutions Inc.	234			Z		
Phalcon Ltd.	51	Schreiber Corp.	335	Traffic Control Devices Inc.	307					
Philadelphia D&M	221	Schuff Steel Co.	37	Tri-City Electric Co.	151					
Philips Brothers Electrical Contractors Inc.	468	SDB Inc.	369	Tri-City Electrical Contractors Inc.	138					
Piedmont Mechanical Inc.	583	SeaBreeze Electric Inc.	463	The Tri-M Group LLC	276					
Pioneer Cladding & Glazing Systems LLC	373	Seedorff Masonry Inc.	517	Trinity Drywall and Plastering Systems LP	438					
The PIPCO Cos. Ltd.	581	Seretta Construction	289	Tri-State DRilling Inc.	402					
Pittsburg Tank & Tower Group Inc.	295	Shapiro & Duncan Inc.	197	Truesdell Corp.	454					
Plateau Excavation Inc.	134	Sharlen Electric Co.	558	TWC Concrete Services LLC	495					
Polk Mechanical Co. LLC	232	Shaw Electric Co.	300	U						
Power Design Inc.	47	Shields Inc.	584							
Poynter Sheet Metal	368	Sierra Pacific West Inc.	467							
Precision Concrete Construction Inc.	192	Slack & Co. Contracting Inc.	405							
Precision Demolition LLC	420	SME Steel	120							
Precision Environmental Co.	434	Allison Smith Co.	168	U.S. Engineering Co.	89					
Precision Walls Inc.	99	John Smith Masonry	565	Unistrut Construction	356					
Premier Electrical Corp.	353	Southern Air Inc.	218	United Chester Industries Inc. dba United Mechanical	483					
Prime Controls LP	286	Southland Concrete	386	United Forming Inc.	247					
Prime Electric	114	Southland Industries	17	United Riggers and Erectors Inc.	494					
Prism Electric Inc.	177	Sowles Co.	396	Unity International Group	125					
PRISM Response Inc.	577	Spacecon Specialty Contractors LLC	433	Universal Builders Supply Inc.	268					
Q		Sprig Electric	83	Universal Plant Services Inc.	36					
		Standard Drywall Inc.	101	V						
		Stark Excavating Inc.	329							
		The State Group Inc.	56							
		Steelfab Inc.	25							
Quality Interiors Inc.	542	Structural Group Inc.	42							
Quality Plus Services Inc.	266	Sullivan & McLaughlin Cos. Inc.	154	Valley Electric	198					
Quanta Services	1	Suncoast Post-Tension, A Keller Co.	92	Van Ert Electric Co. Inc.	202					
QuestMark	248	Suntec Concrete Inc.	112	Vanguard Energy Partners LLC	346					
R		Sunwest Electric Inc.	471	Vaughn Industries LLC	111					
		Superior Air Handling	131	Veit & Co. Inc.	126					
		Superior Gunite	328	Vidimos Inc.	598					
		Superior Rigging & Erecting Co								