# ETHE TOP 400

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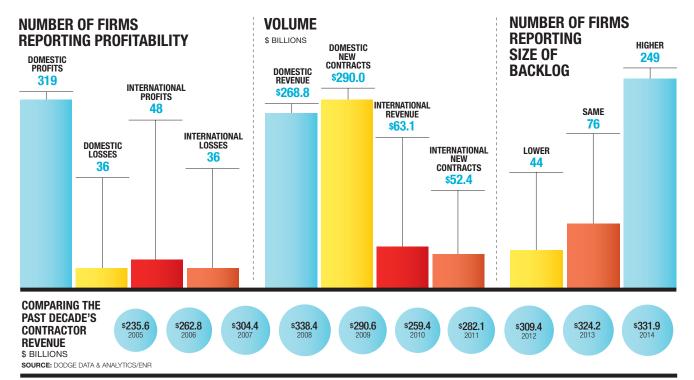


### **Focusing on Processes**

The U.S. market is on the upswing, but contractors are concentrating on squeezing out waste to remain competitive By Gary J. Tulacz



### 2014-2015 at a Glance



The market for major contractors has been growing slowly but steadily for the past few years. However, this has not resulted in contractors abandoning the lessons learned during the aftermath of the economic meltdown, in 2008. If anything, owner expectations that construction is still a bargain and the prospects of a growing worker shortage have left contractors continuing to search for ways to do more with less.

For ENR's Top 400 Contractors, 2014 was a pretty good year. As a group, the Top 400 generated \$331.94 billion in contracting revenue in 2014, an increase of 2.4% from 2013's \$324.16 billion. The figure is still below the record \$338.38 billion in 2008 contracting revenue reported in our 2009 Top 400.

Domestic contracting revenue accounted for the Top 400's overall increase this year, rising 7.8% in 2014, to \$268.82 billion, while international contracting revenue fell 15.6%, to \$63.12 billion. The international market saw major declines in projects in the minerals-and-mining, petroleum and power sectors.

Bechtel continued its dominance on the Top 400, ranking at No. 1 for the 17th consecutive year. However, low oil prices and a decline in the minerals-and-mining sector have had a significant impact on its markets. "We did see some big energy proposals that we hoped to be awarded in 2014 that have been pushed back to this year," says Brendan Bechtel, president and



"The intense competition does not seem to be decreasing even though the construction industry has started to rebound. There seems to be a lack of confidence in the strength of the recovery."

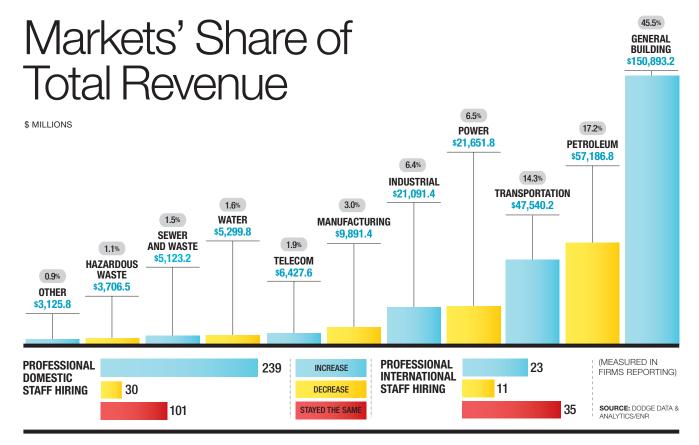
Kevin McCarthy, CEO, PC Construction COO. He says no prospects have "evaporated," but schedules have become more measured.

That does not mean that work in oil and gas has dried up. On May 18, Bechtel received the notice to proceed on two trains of the \$9-billion Corpus Christi Liquefaction project for Cheniere Energy in Texas. "This is the first greenfield export liquefaction facility in the U.S., rather than a conversion of an import facility," Bechtel says.

Bechtel also reorganized its business units at the end of 2014, consolidating its global power and infrastructure units, while assigning its nuclear-power division to its government group. "When talking to governments of developing countries, they generally ask how we could upgrade both their power and rail systems, so it made sense to combine the power and infrastructure units into a single entity," Bechtel says.

One major development in U.S. contracting was AECOM acquisition of URS Corp., San Francisco, which ranked at No. 17 on last year's Top 400, and of Hunt Construction Group, Scottsdale, Ariz., which ranked at No. 50 on last year's list. Combining the two with Tishman Construction, which AECOM acquired in 2010, has created a major new contracting presence.

The Tishman-Hunt team is particularly synergistic, says Dan McQuade, group president of AECOM building construction. "Hunt brings to Tishman ex-



perience in sports, health care and aviation, along with a national footprint. Tishman gives Hunt a new presence on the East Coast and in the international market and its experience in the commercial and multi-unit residential markets," he says, adding that there is "amazingly little overlap between the two companies."

#### Competition

While the markets in the U.S. are growing, many large contractors still are feeling competitive pressures. Client expectations that construction is still a bargain and competitors' tough bidding have many contractors shaking their heads. "The intense competition does not seem to be decreasing, even though the construction industry has started to rebound. There seems to be a lack of confidence in the strength of the recovery," says Kevin McCarthy, CEO of PC Construction.

While some contractors possess an improved backlog and have adjusted their pricing accordingly, others that have not been as successful are continuing to price the delivery of work below a sustainable level. "These outliers make it difficult to reestablish 'normal' in the marketplace," says Gordon Lansford, president and CEO, JE Dunn Construction.

Even in the big-ticket international marketplace, competition has been intense. "Competition is fierce, but that is the nature of construction," says Bechtel.

363
Firms on the list that sent in surveys in 2014.

66.4% Firms that increased revenue in 2014 over 2013.

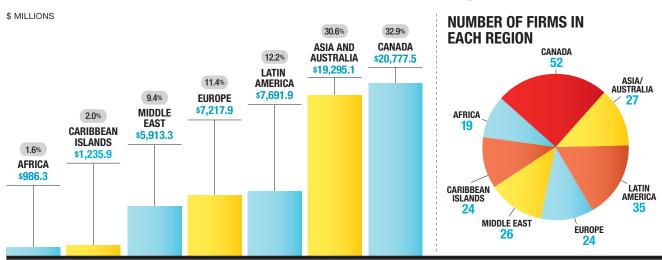
33.1% Firms that had lower revenue in 2014 than in 2013. He also says there are times when client expectations do not match realistic project execution. Bechtel says his biggest concern is facing "irrational actors" determined to maintain volume at any cost. "We haven't seen a race to the bottom yet," he observes, but, if the energy market continues to be soft, he fears there may be an increase in unsupportable bids.

Competition remains strong in most sectors, although some contractors are beginning to see an increase in their market backlogs. "Owners are still very price-conscious but are also driven by getting the right match of talent for their projects," says Robin Savage, COO of Robins & Morton.

The gradual buildup of backlog has given many large contractors the freedom to pick and choose. For example, Messer Construction has opted for a more controlled and consistent growth rate, says Tim Steigerwald, senior vice president. "Despite the increased volume of work in the marketplace, we have made the decision to only pursue a certain volume of it in order to support our company's long-term growth plan."

Ferrovial Agroman US is another firm that is being selective, according to Daniel J. Filer, vice president of business development. In Ferrovial's markets, competition on hard-bid transportation projects has been fierce, he notes. But now design-build and even public-private-partnership projects also are becoming

### International Market Analysis



Project Delivery | By Gary J. Tulacz

### Turner Ups Its Design Savvy



The Turner Corp. (No. 3) has been implementing lean construction principles to promote efficiencies in their design-build projects, such as the 188,000-sq-ft office facility and 360,000-sq-ft parking garage for Celgene Corp., located in Summit,

Turner now is making a new move to enhance its ability to find design efficiencies, especially in designbuild projects: It is forming an in-house engineering group.

"Design-build is now about 10% to 15% of our business, and we want to be able to work shoulder-toshoulder with the other designers," says Pat Di Filippo, executive vice president. He says Turner Engineering is not intended to take a lead role in doing the design work but simply will provide knowledgeable assistance to design partners. Di Filippo says the firm hopes to have the group in place later this summer.

For the new group, Turner plans to hire up to 70 engineers, including project engineers and a cadre of about 20 specialists, based out of the New York City office, to assist on specialized technical issues.

To increase design efficiency or cut costs, Turner might make suggestions that lead to disagreements with the lead designers, Di Filippo notes, adding, "You need expertise in-house to be able to argue your point effectively." ■

competitive. "Our strategy for success is to continue to pursue projects where we bring value to the project and not chase everything that moves," he says.

#### **Lean, Mean Contracting Machine**

Although many contractors say margins are slowly creeping up, concerns about a lack of staffing and the expected resulting rise in labor costs have contractors wary. So, more firms are seeking ways of improving productivity through process improvements. Many firms are beginning to embrace lean process techniques as a way to squeeze out waste.

"We are implementing lean techniques throughout the company," says Pat Di Filippo, executive vice president of Turner Construction. He says the firm is analyzing numerous methods for eliminating waste. For example, Turner is using modular subassemblies so that everything above the ceiling is manufactured in outside shops, shipped to the site and installed as the component is needed.

Careful scheduling of material and supply deliveries is another lean technique. "We track schedules carefully on tablets and bring the assemblies in only when it is ready to install. That way, nothing touches the floor," Di Filippo says.

SpawGlass is another proponent of lean construction, according to Joel Stone, CEO. "We have driven lean into all aspects of our business, and we are beginning to see the product of our investment." Stone estimates that, through the use of lean on one of its projects, SpawGlass was able to achieve a work-inplace volume per day of half a million dollars.

Prefabrication increasingly is becoming a critical tool in lean construction practice. Measuring project

# The Top 400 Dialogue

### How are your relations with subcontractors and suppliers?



#### **GREG CARLSON, VICE PRESIDENT BURNS & MCDONNELL** Kansas City, Mo.

Due to the recession, many subs and suppliers went out of business, resulting in a shrinking pool of qualified and financially stable firms. Subcontractors that survived the downturn are now busier than they've been in years.



#### What are your strategies for succeeding in a growing but uncertain market?



#### SHAUN YANCEY, PRESIDENT **PCL US OPERATIONS** Denver

Placing the right people on the right projects to ensure project success and employee workplace fulfillment. You also have to be selective in which projects you pursue, ensuring the right resources are available.





**GORDON LANSFORD, CEO JE DUNN CONSTRUCTION** Kansas City, Mo.

Subcontractors are anxious to fill their backlog. We pay particular attention to the current book of business that our subcontractors have and their ability to deliver that work within the project schedule, price and their financial health.



TIM STEIGERWALD, SENIOR VP **MESSER CONSTRUCTION CO.** 

Skilled tradespeople make up nearly half of our workforce, showing our commitment to solving the labor shortage problem, attracting people back to the industry and helping them see construction as a rewarding career path.





STEPHEN GRAY, CEO **GRAY CONSTRUCTION** Lexington, Ky

We have seen some signs of financial distress among a small percentage of subcontractors. While this trend has been forecast for the past few years following the financial crisis, it's emerged much later than we expected.





MIKE FORD, MANAGEMENT COMM. **DPR CONSTRUCTION** Redwood City, Calif

Our strategy in uncertain times is to focus on the types of projects and markets where we have the most experience and insight and to invest heavily in our talent, making sure DPR continues as a great place to work.





**RICK WHITNEY, CEO ADOLFSON & PETERSON CONSTR.** Minneanolis

The largest current concern is the bifurcation of the subcontractor base into solid and financially sound companies and those that are more transactional in their approach, [requiring] stringent prequalifications and risk mitigation.





**BRAD DIMEO, CEO DIMEO CONSTRUCTION CO.** Providence R I

We purposefully operate in a relatively small geographical region [that's] not specific to any market sector, so we can put a significant emphasis on building and maintaining high-quality, long-term relationships.





WILLIAM H. GOODRICH, CEO **LECHASE CONSTRUCTION SERVICES** Rochester NY

We've established an accelerated payment plan to help our subcontractors. Within our firm, we created a liaison between our subcontractors and vendors, aiding in payments, bidding opportunities and overall communications





STEPHEN D'ANGELO, CEO **DCK WORLDWIDE LLC** Pittsburah

Diversifying and developing strong relationships with clients has allowed us to be able to manage our portfolio so that a downturn in a specific market or region doesn't impact our entire business.



### The Top 20 Contractors by Sector

1	1 PETROLEUM				
RA <b>2015</b>	NK 2014	Top 20 Revenue: \$54.1 Billion Top 20 Market Share: 94.7%			
1	1	BECHTEL			
2	2	FLUOR CORP.			
3	3	CB&I			
4	4	KIEWIT CORP.			
5	6	JACOBS			
6	5	KBR			
7	**	AECOM			
8	9	TURNER INDUSTRIES GROUP LLC			
9	11	PCL CONSTRUCTION ENTERPRISES INC.			
10	14	ZACHRY GROUP			
11	13	PRIMORIS SERVICES CORP.			
12	10	MICHELS CORP.			
13	17	PERFORMANCE CONTRACTORS INC.			
14	16	MATRIX SERVICE CO.			
15	**	S&B ENGINEERS AND CONSTRUCTORS			
16	18	BILFINGER INDUSTRIAL SERVICES			
17	20	SAULSBURY INDUSTRIES			
18	23	AEGION CORP.			
19	24	ELKHORN HOLDINGS			
20	27	CAJUN INDUSTRIES LLC			

2		TRANSPORTATION
RA <b>2015</b>	NK 2014	Top 20 Revenue: \$28.1 Billion Top 20 Market Share: 59.2%
1	1	BECHTEL
2	2	KIEWIT CORP.
3	4	THE WALSH GROUP LTD.
4	8	TUTOR PERINI CORP.
5	5	SKANSKA USA
6	3	FLUOR CORP.
7	6	FERROVIAL US CONSTRUCTION CORP.
8	7	GRANITE CONSTRUCTION INC.
9	9	LANE INDUSTRIES INC.
10	10	COLAS USA
11	13	CLARK CONSTRUCTION GROUP
12	**	AECOM
13	11	FLATIRON CONSTRUCTION CORP.
14	14	BALFOUR BEATTY US
15	20	AMES CONSTRUCTION INC.
16	15	RAILWORKS CORP.
17	16	GREAT LAKES DREDGE & DOCK CORP.
18	12	PCL CONSTRUCTION ENTERPRISES INC.
19	19	STERLING CONSTRUCTION CO. INC.
20	**	AUSTIN INDUSTRIES

3		POWER
RA <b>2015</b>	NK 2014	Top 20 Revenue: \$16.4 Billion Top 20 Market Share: 75.7%
1	1	BECHTEL
2	5	CB&I
3	2	KIEWIT CORP.
4	6	DAY & ZIMMERMANN
5	4	FLUOR CORP.
6	3	THE BABCOCK & WILCOX CO.
7	**	AECOM
8	8	BLACK & VEATCH
9	9	ZACHRY GROUP
10	17	AMEC FOSTER WHEELER
11	14	MORTENSON CONSTRUCTION
12	**	THE WHITING-TURNER CONTRACTING CO.
13	11	BURNS & MCDONNELL
14	19	MICHELS CORP.
15	**	GEMMA POWER SYSTEMS
16	18	KBR
17	**	SKANSKA USA
18	**	ALBERICI CORP.
19	**	MATRIX SERVICE CO.
20	**	WILLIAMS INDUSTRIAL SERVICES GROUP

performance in the field using various scanning technologies, as well as lean processes and prefabrication, contribute to "enhancing our understanding of field production and continuing to wring waste out of the process of construction," says Brad Dimeo, CEO, Dimeo Construction Co.

An example of prefabrication is Messer Construction's \$189-million Joint & Spine Center project at the Christ Hospital Health Network, Cincinnati, which is using prefabricated restroom units and mechanical racks. "The use of prefabricated restroom units, for example, eliminates the need for multiple trades in a small restroom area down the stretch of the project, meaning a safer work environment and fewer scheduling issues," says Steigerwald.

#### **Fueling Uncertainty**

The drop in fuel prices has both caused pain and opened up prospects for contractors. Firms in the oil-and-gas sector have experienced delays on many projects as oil producers try to gauge where the market for oil is going. But contractors in other markets are monitoring fuel prices to see if their firms will be affected.

"We expect some cutbacks in capital expenditures from our refining customer base as a natural market response to the crude-oil price decline," says Keith



"We have about \$800 million [of work in Canada], and that is a big P3 market. [That work] will help prepare us when P3 projects start to break here in the U.S. If you wait until a trend like P3 starts making headway, you are already behind."

Pat Di Filippo, Executive Vice President, Turner Construction Manning, executive vice president of Zachry Group. However, he says midstream and downstream opportunities continue to be healthy. "Methane and ethanedriven projects in the petrochemical sector remain quite strong, as is LNG, and the power generation sector is moderate."

"Both on the power generation and the process and industrial side, customers are remaining conservative," says Michael P. McMahon, president of Day & Zimmermann. "While we've yet to see significant spend on new capital projects, we're hoping that the continued recovery of the economy, combined with lower oil prices, may drive more investment in projects."

The drop in oil prices has boosted some markets. For example, the airline industry has benefitted from lower fuel prices. "That savings goes right to the bottom line of the airlines," says Richard Cavallaro, CEO of Skanska USA. He says some of the savings now are going into plans for airline-terminal expansions.

Manufacturing is another market that has gained from the recent lower oil prices. "Cheaper energy prices are luring a lot of manufacturers from overseas to build here in the U.S., particularly in the Midwest," according to Mike Bolen, CEO of McCarthy Holdings. He notes that foreign manufacturers are particularly interested in building production

### The Top 20 Contractors by Sector

4		INDUSTRIAL
RA <b>2015</b>		Top 20 Revenue: \$16.4 Billion Top 20 Market Share: 77.9%
1	1	BECHTEL
2	2	FLUOR CORP.
3	3	JACOBS
4	6	KBR
5	**	AECOM
6	13	PRIMORIS SERVICES CORP.
7	4	THE TURNER CORP.
8	7	SKANSKA USA
9	8	THE YATES COS. INC.
10	10	GILBANE BUILDING CO.
11	5	ALBERICI CORP.
12	**	THE WEITZ CO.
13	15	STELLAR
14	**	NEW ENTERPRISE STONE & LIME CO. INC.
15	14	CCC GROUP INC.
16	11	CR MEYER
17	12	DPR CONSTRUCTION
18	**	THE WHITING-TURNER CONTRACTING CO.
19	**	MATRIX SERVICE CO.
20	**	WALBRIDGE

5		TELECOMMUNICATIONS
RA <b>2015</b>	NK 2014	Top 20 Revenue: \$6.2 Billion Top 20 Market Share: 96.3%
1	1	HOLDER CONSTRUCTION CO.
2	**	THE WHITING-TURNER CONTRACTING CO.
3	4	THE TURNER CORP.
4	2	BLACK & VEATCH
5	9	HENSEL PHELPS
6	7	FLUOR CORP.
7	18	JE DUNN CONSTRUCTION GROUP
8	3	DPR CONSTRUCTION
9	6	BECHTEL
10	11	HOFFMAN CORP.
11	8	MORTENSON CONSTRUCTION
12	5	STRUCTURE TONE
13	10	GILBANE BUILDING CO.
14	12	HITT CONTRACTING INC.
15	13	FORTIS CONSTRUCTION INC.
16	14	SKANSKA USA
17	17	THE BECK GROUP
18	20	MICHELS CORP.
19	**	NABHOLZ CONSTRUCTION CORP.
20	**	BRASFIELD & GORRIE LLC

6		HAZARDOUS WASTE
RA <b>2015</b>	NK 2014	Top 20 Revenue: \$3.8 Billion Top 20 Market Share: 102.3%
1	2	BECHTEL
2	3	FLUOR CORP.
3	1	CB&I
4	4	JACOBS
5	5	SEVENSON ENVIRONMENTAL SERVICES INC.
6	6	PARSONS
7	8	ENTACT
8	**	GREAT LAKES DREDGE & DOCK CORP.
9	**	AECOM
10	15	J.F. BRENNAN CO. INC.
11	16	ECC
12	17	BURNS & MCDONNELL
13	19	POSILLICO INC.
14	18	TURNER INDUSTRIES GROUP LLC
15	14	J. FLETCHER CREAMER & SON INC.
16	11	CONTI GROUP
17	20	O'BRIEN & GERE
18	**	HALEY & ALDRICH INC.
19	**	WINTER CONSTRUCTION
20	**	F.H. PASCHEN, S.N. NIELSEN & ASSOCIATES



Bulley & Andrews (No. 222) relocated the landmark Harriett Rees House, Chicago, to allow for the development of an entertainment district. The 126-year-old, 762-ton building may be the heaviest-ever house removal in the U.S.

facilities here for products with local distribution.

Some contractors worry that the strengthening of the U.S. dollar against other currencies may blunt this foreign capital investment in the U.S. In the past 10 months, the euro has gone from \$1.38 to as low as \$1.07, and the Japanese yen has gone to 120 yen to the dollar from 96, raising the costs of foreign investment.

However, McQuade of AECOM says he has not seen a drop-off in foreign direct investment in the U.S. "There still is a lot of interest in Asia and the Middle East in investing in projects in the U.S. When there is a lot of turmoil in the world, overseas investors look to the U.S. as a safe haven," he says.

The power market should be a beneficiary of lower oil and gas prices. There now are signs of interest in converting plants to gas from other fuels. "Natural gas continues to be the driver for most new large-scale generation projects. The growing accessibility of domestic supply, relatively low prices and reduced carbon footprint are contributing to the increased number of projects being developed," says William F. Griffin Jr., CEO, Gemma Power Systems.

However, many contractors don't see a sudden rush to convert existing plants to gas or build greenfield plants. "I don't think we'll see any drastic changes in the near term in the power-generation industry," says

### The Top 100 Contractors by New Contracts\*

RANK		REVENUE
2015		IN \$ MIL.
1_	FLUOR CORP.	28,831.0
2	CB&I	16,265.3
3	THE TURNER CORP.	12,130.0
4	JACOBS	10,460.0
5	BECHTEL	10,191.0
6	AECOM	9,031.4
7	SKANSKA USA	8,857.8
8	PCL CONSTRUCTION ENTERPRISES INC.	7,834.3
9	THE WHITING-TURNER CONTRACTING	6,597.0
10	GILBANE BUILDING CO.	6,107.7
11	ZACHRY GROUP	5,984.0
12	BALFOUR BEATTY US	5,940.7
13	TUTOR PERINI CORP.	5,702.2
14	KIEWIT CORP.	4,339.5
15	THE WALSH GROUP LTD.	4,229.9
16	MCCARTHY HOLDINGS INC.	4,170.0
17	STRUCTURE TONE	4,134.0
18	CLARK CONSTRUCTION GROUP	4,076.4
19	SWINERTON INC.	3,796.6
20	DPR CONSTRUCTION	3,585.0
21	JE DUNN CONSTRUCTION GROUP	3,573.6
22	MORTENSON CONSTRUCTION	3,498.0
23	HENSEL PHELPS	3,433.0
24	LEND LEASE	2,953.3
25	THE YATES COS. INC.	2,612.6
26	SUFFOLK CONSTRUCTION CO.	2,500.0
27	PRIMORIS SERVICES CORP.	2,136.0
28	BRASFIELD & GORRIE L.L.C.	2,077.1
29	MICHELS CORP.	1,917.4
30	DAVID E. HARVEY BUILDERS INC.	1,902.0
31	HOLDER CONSTRUCTION CO.	1,804.0
32	BARTON MALOW CO.	1,778.0
33	COLAS USA	1,675.0
34	LANE INDUSTRIES INC.	1,534.2
35	SUNDT CONSTRUCTION INC.	1,529.0

RANK 2015		REVENUE IN \$ MIL.
36	SELLEN CONSTRUCTION CO. INC.	1,523.0
37	CLAYCO INC.	1,470.0
38	WALBRIDGE	1,436.5
39	OHL USA INC.	1,426.0
40	PERFORMANCE CONTRACTORS INC.	1,400.0
41	LPCIMINELLI INC.	1,320.0
42	HATHAWAY DINWIDDIE CONSTRUCTION	1,289.0
43	DAY & ZIMMERMANN	1,231.0
44	KOKOSING INC.	1,224.6
45	S&B ENGINEERS AND CONSTRUCTORS	1,200.0
46	CONSIGLI CONSTRUCTION CO. INC.	1,195.5
47	THE BOLDT CO.	1,188.0
48	BLACK & VEATCH	1,130.8
49	GOTHAM CONSTRUCTION CO. LLC	1,129.9
50	ALBERICI CORP.	1,115.6
51	HUNTER ROBERTS CONSTRUCTION	1,100.0
52	WEBCOR BUILDERS	1,075.6
53	MANHATTAN CONSTRUCTION GROUP	1,050.1
54	THE BABCOCK & WILCOX CO.	1,046.5
55	HITT CONTRACTING INC.	1,037.0
56	ROBINS & MORTON	1,034.4
57	PEPPER CONSTRUCTION GROUP	1,029.2
58	CHINA CONSTRUCTION AMERICA	1,026.0
59	COASTAL CONSTRUCTION GROUP	1,017.7
60	B.L. HARBERT INTERNATIONAL LLC	999.0
61	GRAY CONSTRUCTION	998.8
62	THE BECK GROUP	987.1
63	LAYTON CONSTRUCTION CO. INC.	948.0
64	C.W. DRIVER COS.	921.9
65	AMES CONSTRUCTION INC.	917.0
66	RAILWORKS CORP.	915.0
67	LAYNE CHRISTENSEN CO.	907.8
68	M+W U.S. INC.	904.0
69	MESSER CONSTRUCTION CO.	902.5
70	PLAZA CONSTRUCTION	900.0

RANK 2015		REVENUE IN \$ MIL.
71	SAULSBURY INDUSTRIES	899.6
72	FLATIRON CONSTRUCTION CORP.	892.0
73	DEVCON CONSTRUCTION INC.	886.0
74	ALLAN MYERS	872.1
75	THE MCSHANE COS.	867.9
76	FERROVIAL US CONSTRUCTION CORP.	858.0
77	SOUTHLAND-HOLDINGS	855.0
78	TRAYLOR BROS. INC.	853.7
79	GREAT LAKES DREDGE & DOCK CORP.	851.9
80	ARCO CONSTRUCTION COS.	845.3
81	ADOLFSON & PETERSON CONSTRUCTION	842.6
82	AVALONBAY COMMUNITIES INC.	836.4
83	AUSTIN INDUSTRIES	823.7
84	LEVEL 10 CONSTRUCTION	820.8
85	KRAUS-ANDERSON CONSTRUCTION CO.	819.0
86	SHAWMUT DESIGN AND CONSTRUCTION	806.1
87	VCC LLC	795.0
88	LECHASE CONSTRUCTION SERVICES LLC	791.0
89	MWH GLOBAL	790.8
90	CHOATE CONSTRUCTION CO.	775.0
91	TURNER INDUSTRIES GROUP LLC	773.0
92	GARNEY HOLDING CO.	764.8
93	FLINTCO LLC	749.6
94	BERNARDS	730.4
95	BILFINGER INDUSTRIAL SERVICES	730.0
96	TELLEPSEN	730.0
97	LINBECK GROUP LLC	723.0
98	F.H. PASCHEN, S.N. NIELSEN	719.0
99	THE CHRISTMAN CO.	718.0
100	OKLAND CONSTRUCTION CO. INC.	709.8
* AMC	ING TOP 400 FIRMS PROVIDING DATA	

McMahon. But he agrees that most of the work continues to be focused on new natural-gas construction or coal-to-natural-gas conversions.

#### **Public-Private Patience**

The promise of new work through the use of publicprivate partnerships in the U.S. has yet to be fulfilled. "The P3 market has yet to mature here the way it has in Europe and Canada," says McQuade of AECOM. He believes the market will grow as more federal and state regulations authorize P3 and they become more familiar to public agencies.

Turner Construction is planning to be ready when P3 projects become more commonplace in the On the Web

For expanded content on the **ENR Top Lists** see enr.com/ toplists.

U.S. "A few years ago, we had very little work in Canada. Now, we have about \$800 million, and that is a big P3 market. [That work] will help us prepare when P3 projects start to break here is the U.S.," says Di Filippo. "We believe that, if you wait until a trend like P3 starts making headway, you are already behind the game."

Putting together P3 packages can be arduous. "We see a reliable pipeline of P3 projects coming over the next four to five years," says Cavallaro. He notes that Skanska has an advantage because it has a sister company that helps with financing P3 projects. Developing a P3 proposal is a long and expensive process, Cavallaro cautions, adding, "You have to choose care-

### The Top 50 Contractors Working Abroad

RANK 2015		REVENUE IN \$ MIL.
1	BECHTEL	21,414.0
2	FLUOR CORP.	11,524.1
3	CB&I	5,436.3
4	PCL CONSTRUCTION ENTERPRISES INC.	5,129.8
5	KIEWIT CORP.	3,167.0
6	KBR	2,747.0
7	JACOBS	2,605.7
8	AECOM	1,869.0
9	THE TURNER CORP.	824.7
10	CHINA CONSTRUCTION AMERICA	759.0
11	B.L. HARBERT INTERNATIONAL LLC	555.6
12	BLACK & VEATCH	491.5
13	THE BABCOCK & WILCOX CO.	436.1
14	FLATIRON CONSTRUCTION CORP.	374.9
15	ALBERICI CORP.	363.7
16	WALBRIDGE	330.0
17	GILBANE BUILDING CO.	329.2

RANK 2015		REVENUE IN \$ MIL.
18	DCK WORLDWIDE LLC	263.3
19	ECC	261.9
20	AEGION CORP.	257.7
21	OHL USA INC.	244.9
22	MWH GLOBAL	241.6
23	STRUCTURE TONE	222.4
24	CADDELL CONSTRUCTION CO. (DE) LLC	212.0
25	CONTRACK INTERNATIONAL INC.	210.0
26	THE WALSH GROUP LTD.	199.1
27	AMEC FOSTER WHEELER	186.2
28	RAILWORKS CORP.	177.0
29	TUTOR PERINI CORP.	171.8
30	MICHELS CORP.	170.5
31	GREAT LAKES DREDGE & DOCK CORP.	155.0
32	AMERICAN BRIDGE CO.	144.2
33	MORTENSON CONSTRUCTION	113.9
34	STELLAR	107.6

RANK 2015		REVENUE IN \$ MIL.
35	LEND LEASE	87.8
36	LANE INDUSTRIES INC.	82.6
37	LAYNE CHRISTENSEN CO.	80.3
38	THE MORGANTI GROUP INC.	80.0
39	WEEKS MARINE INC.	72.9
40	MATRIX SERVICE CO.	71.1
41	HASKELL	68.4
42	мсм	62.9
43	THE YATES COS. INC.	62.2
44	PARSONS	58.7
45	PERNIX GROUP INC.	56.0
46	CONTI GROUP	50.0
47	ORION MARINE GROUP INC.	49.8
48	BRYAN CONSTRUCTION INC.	47.2
49	RICE LAKE CONSTRUCTION GROUP	47.1
50	HENSEL PHELPS	44.5

fully which P3 group and project to join. You can't lose too many of these bids because it will cost you."

#### **Worker Shortages**

The biggest concern for contractors going forward is the expected shortage of workers. "The craft labor shortage is something we, as an industry, have spoken about for years but seem to have done little to improve. It is right at our front door now and may very well be the biggest challenge we face as work demands increase and the labor pool shrinks," says McCarthy of PC Construction.

Currently, firms point to pockets of worker shortages, such as in Texas and the Gulf Coast, Boston or Los Angeles. But many contractors say the problem will affect the entire industry. "It doesn't matter where you are in the country or if you work union or non-union, everybody is worried," says Bolen. "It is a national problem, but it is being handled on a local basis."

Some contractors hope immigration reform may help ease the problem. But Bolen warns against cutting corners in recruiting craft labor. U.S. Immigration and Customs Enforcement has been cracking down on the use of undocumented immigrant workers. "You have to be very careful to verify," he says. "It is the contractors that get sloppy with their employment verification processes that get into trouble."

There are many contractors that fear the work of their subs, feeling the pinch of labor shortages, may suffer. "We are experiencing more subcontractors using labor brokers to provide the capacity they are chasing. Unfortunately, in many instances, this labor



"Our goal is to become the employer of choice in the industry to ensure our future workforce will be sufficient."

Brendan Bechtel, President, Bechtel force does not have an attachment to their employer and is more likely to be have issues with productivity and working safely," says Rick Whitney, CEO of Adolfson & Peterson Construction.

Firms are taking a variety of approaches to attract and retain both new and experienced people. Bechtel is continuing its program to hire military veterans. "We are approaching 1,000 veterans hired. We believe it is important to help returning vets transition to good jobs here at home," Bechtel says. "Our goal is to become the employer of choice in the industry to ensure our future workforce will be sufficient."

Many contractors are taking steps to ensure they retain the staff they already have. For example, LeChase Construction is supplying career training and mapping for its employees and focusing on continued growth and promoting from within, says William H. Goodrich, CEO. "We've been very organic with growing our employees into leaders within the company."

Hoar Construction has invested in a new humanresources staff and technology to recruit and retain skilled superintendents, project managers, estimators, engineers and administrative staff, says Rob Burton, CEO. He says Hoar will "support our employees' careers with us through continued training, which helps with retention. Once we recruit and train great employees, we want to keep them."

Many contractors are partnering with local schools to foster industry recruitment. "We have established informal mentoring programs at our jobsites and regularly contribute surplus materials to the local tech-

#### The Top 50 Domestic % OF TOTAL REVENUE <sup>| Tr</sup>ansportation Heavy Contractors SEWER RANK 2015 REVENUE KIEWIT CORP. 3.014.0 THE WALSH GROUP LTD. 2,936.7 SKANSKA USA 2,055.6 TUTOR PERINI CORP. 1 998 3 n FLUOR CORP 1.977.2 **GRANITE CONSTRUCTION INC.** 1,729.3 FERROVIAL US CONSTRUCTION CORP. 1,447.0 **COLAS USA** 1,297.0 LANE INDUSTRIES INC. 1,245.8 **CLARK CONSTRUCTION GROUP** 1,056.4 990.0 BALFOUR BEATTY US 984 1 n n **BECHTEL** 980.0 AMES CONSTRUCTION INC 783 0 FLATIRON CONSTRUCTION CORP. 742.2 OHL USA INC. 707.6 GREAT LAKES DREDGE & DOCK CORP. 686.6 STERLING CONSTRUCTION CO. INC. 647.0 PCL CONSTRUCTION ENTERPRISES INC. 632 7 GARNEY HOLDING CO. 616.2 **AUSTIN INDUSTRIES** 606.3 LAYNE CHRISTENSEN CO. 592.5 **HENSEL PHELPS** 591.1 HERZOG COS. 581.1 575.0 **ALLAN MYERS** 558.1 THE TURNER CORP. 556 1 n RAILWORKS CORP. 526.0 **WEEKS MARINE INC.** 509.9 SOUTHLAND-HOLDINGS 500.0 F.H. PASCHEN, S.N. NIELSEN & ASSOCIATES LLC 492 0 PRIMORIS SERVICES CORP. 490.0 MCCARTHY HOLDINGS INC. 486.0 KOKOSING INC. 483 6 460.8 WILLIAMS BROTHERS CONSTRUCTION CO. INC. 451.4 449.0 STACY AND WITBECK INC. 416.2 THE HUBBARD GROUP INC. 416.1 MICHELS CORP. 415.8 AMERICAN BRIDGE CO. SHIMMICK CONSTRUCTION CO. INC. 393 4 n LAS VEGAS PAVING CORP. 390.0 MANSON CONSTRUCTION CO. 356.3 346.1 **ZACHRY CONSTRUCTION CORP.** 344.0 ORION MARINE GROUP INC. 336.0 ANDERSON COLUMBIA CO. INC. PJ DICK-TRUMBULL-LINDY PAVING 330.0 WILLIAM CHARLES CONSTRUCTION LLC

nical schools for their training programs," says Griffin of Gemma Power Systems.

Many contractors are gearing their employment practices to accommodate younger professionals to lure and retain them. "At Alston, we have created a culture that places high value on our people as whole, both at work and at home," says Paul D. Little, CEO of Alston Construction. Maintaining an appropriate "work-life balance" is something the firm recognizes and values, he says.

#### From Novelty to Necessity

Technology is no longer a value added or luxury; it is a necessity for business at all levels of the construction process, from design to project completion. PCL continues to look for new technologies to drive efficiencies in its business. For example, "we are working with new mobile applications to enhance our lean construction methods, specifically around Last Planner for pull planning," says Shaun Yancey, president of PCL US Operations. He says PCL has staff working with software vendor Autodesk to develop a Last Planner app that staff can use via the web and on tablets.

As projects have grown larger and increasingly more complex, so has the size of their accompanying design documents. To operate more efficiently, many contractors are fully integrating the use of mobile devices in the field, allowing them to digitally access what would normally be reams of blueprints.

"Traditionally, if a superintendent is asked a question that he doesn't readily have the answer to, he has to go back to the site office and search the paper plans. On a massive jobsite, that could take hours. With an iPad on hand, that process is reduced to minutes. We are seeing an average savings of two hours per day for each superintendent," says Goodrich.

Contractors are jumping into the technology arena, investing in software, personnel and their own programming to streamline the construction process. Sellen Construction has created a new chief information officer position. The firm plans "a major investment in technologies that will increase our efficiencies in preconstruction and design, field operations, project management systems, and construction means and methods," says Bob McCleskey, CEO.

Many contractors are developing their own apps to address both general and specific worksite needs. For example, Hill & Wilkinson General Contractors developed its own field application, the so-called Superintendent's Work Center, which is available to all field personnel on smartphones and iPads, says Paul Driscoll, CEO.

Bechtel has established innovation centers in Hous-

### The Top 50 in Domestic Building/Mfg. Revenue

RANK 2015		REVENUE IN \$ MIL.
1	THE TURNER CORP.	8,472.9
2	THE WHITING-TURNER CONTRACTING CO.	4,397.5
3	SKANSKA USA	3,944.5
4	BALFOUR BEATTY US	3,874.0
5	STRUCTURE TONE	3,025.3
6	GILBANE BUILDING CO.	2,963.0
7	CLARK CONSTRUCTION GROUP	2,962.7
8	LEND LEASE	2,507.9
9	TUTOR PERINI CORP.	2,322.2
10	JE DUNN CONSTRUCTION GROUP	2,229.9
11	DPR CONSTRUCTION	2,057.9
12	MCCARTHY HOLDINGS INC.	2,041.0
13	DAVID E. HARVEY BUILDERS INC.	2,027.0
14	AECOM	2,016.9
15	SUFFOLK CONSTRUCTION CO.	2,007.9
16	BRASFIELD & GORRIE L.L.C.	1,925.9
17	MORTENSON CONSTRUCTION	1,860.8

RANK 2015		REVENUE IN \$ MIL.
18	SWINERTON INC.	1,651.4
19	THE YATES COS. INC.	1,532.6
20	HENSEL PHELPS	1,468.8
21	THE WALSH GROUP LTD.	1,407.1
22	HOFFMAN CORP.	1,215.0
23	BARTON MALOW CO.	1,193.0
24	DEVCON CONSTRUCTION INC.	1,181.0
25	M+W U.S. INC.	1,170.2
26	CLAYCO INC.	1,140.0
27	PCL CONSTRUCTION ENTERPRISES INC.	1,128.4
28	KIEWIT CORP.	1,102.0
29	PLAZA CONSTRUCTION	1,100.0
30	POWER CONSTRUCTION CO.	1,080.0
31	CHINA CONSTRUCTION AMERICA	1,049.0
32	SHAWMUT DESIGN AND CONSTRUCTION	954.3
33	MANHATTAN CONSTRUCTION GROUP	943.1
34	MESSER CONSTRUCTION CO.	940.6

RANK 2015		REVENUE IN \$ MIL.
35	WEBCOR BUILDERS	907.8
36	FLINTCO LLC	852.9
37	CONSIGLI CONSTRUCTION CO. INC.	852.8
38	WALBRIDGE	832.3
39	COASTAL CONSTRUCTION GROUP	830.4
40	AUSTIN INDUSTRIES	823.2
41	LAYTON CONSTRUCTION CO. INC.	819.7
42	ADOLFSON & PETERSON CONSTRUCTION	811.7
43	RYAN COS. US INC.	789.0
44	AVALONBAY COMMUNITIES INC.	772.5
45	HUNTER ROBERTS CONSTRUCTION GROUP	763.0
46	ARCO CONSTRUCTION COS.	761.4
47	HITT CONTRACTING INC.	745.1
48	THE MCSHANE COS.	742.4
49	HOLDER CONSTRUCTION CO.	702.0
50	PEPPER CONSTRUCTION GROUP	699.4

ton and London to explore where technology can improve efficiency. "Right now, 3- and 4-D designs are common. We believe these innovation centers will push the limits of virtual project delivery and drive improvements in our integrated global EPC delivery model," says Bechtel.

#### **Holding the Line on Prices**

Despite a growing market, materials prices have not seen a major surge. "We have not seen much change in large commodity costs," says Whitney of Adolfson & Peterson Construction. However, he says there have been spot shortages and delivery delays in some of the specialty products the company uses.

There is some expansion and contraction in the marketplace regarding material pricing. "For example, in February, we received a notification from a major steel producer in the U.S. stating that some of their lighter shapes were being reduced in cost per ton," says Stephen Gray, CEO of Gray Construction. According to the notice, producers in other countries are trying to break into the U.S. market, and domestic mills are reducing prices to stay competitive, he says.

Contractors have been streamlining their processes to become more efficient, but so have materials and equipment suppliers. "Just-in-time [JIT] manufacturing practices, accompanied by JIT staffing, creates a delay in receipt of materials as demand for production has increased," says Kirk Warden, senior vice president at Clayco. He says this JIT approach affects the availability of everything from steel to toilet partitions. "No one is truly stocking product from manufacturing to distribution to the end user, creating a ripple effect for all involved in the supply chain."

### **How to Read the Tables**

Companies are ranked by construction revenue in 2014 in (\$) millions. Those with subsidiaries (†) are listed by company rank, which may be found on the ENR website at www.enr.com. Firms not ranked last year are designated as \*\*. Some markets may not add up to 100% due to omission of the "other" miscellaneous market category. NA= "not available."

Figures include prime construction contracts, shares of joint ventures, subcontracts, the construction portion of design-construct contracts and construction management-at-risk contracts when the firm's risks are similar to those of a general contractor. Figures also include the value of installed equipment when a firm has prime responsibility for specifying and procuring it within

the scope of its construction contract.

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

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

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

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

Sewerage / Solid Waste includes sanitary and storm

sewers, treatment plants, pumping plants, incinerators, industrial waste facilities, etc.

**Industrial Process** includes pulp and paper mills, steel mills, non-ferrous metal refineries, pharmaceutical plants, chemical plants, food and other processing plants, etc.

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

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

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

**Telecommunications** includes transmission lines and cabling, towers and antennae, data centers and web hotels, etc.



## The Top 400 List

RAI 2015		FIRM	2014 REVE	NUE (\$ MIL)   INT'L	2014 NEW CONTRACTS	GENERAL	MANUFACT	POWER	WATER/SC.	INDUS. / DE-	TRANSPORTA	HAZARDOUS	TELECOM	% CM-AT-HSK
1	1	BECHTEL, San Francisco, Calif.†	28,302.0	21,414.0	10,191.0	0	0	8	0	72	15	3	1	35
2	2	FLUOR CORP., Irving, Texas†	16,924.9	11,524.1	28,831.0	8	1	6	0	67	10	5	2	27
3	4	THE TURNER CORP., New York, N.Y. <sup>†</sup>	10,797.5	824.7	12,130.0	79	6	0	0	5	5	0	5	92
4	5	CB&I, The Woodlands, Texas <sup>†</sup>	10,317.0	5,436.3	16,265.3	0	0	20	1	72	0	5	0	0
5	3	KIEWIT CORP., Omaha, Neb.†	10,165.2	3,167.0	4,339.5	10	0	16	6	38	26	0	0	5
6	6	PCL CONSTRUCTION ENTERPRISES INC., Denver, Colo.	7,232.9	5,129.8	7,834.3	55	8	4	4	19	9	0	0	33
7	**	AECOM, Los Angeles, Calif.	7,095.0	1,869.0	9,031.4	29	2	11	1	43	14	1	0	0
8	7	SKANSKA USA, New York, N.Y. <sup>†</sup>	7,025.1	4.9	8,857.8	54	2	5	3	7	26	0	1	53
9	9	THE WHITING-TURNER CONTRACTING CO., Baltimore, Md.	6,347.1	0.0	6,597.0	69	0	10	1	4	1	0	14	45
10	10	JACOBS, Pasadena, Calif.	5,104.0	2,605.7	10,460.0	3	3	3	0	74	2	7	0	0
11	11	BALFOUR BEATTY US, Dallas, Texas†	4,877.2	19.1	5,940.7	79	0	0	3	0	17	0	0	63
12	8	KBR, Houston, Texas <sup>†</sup>	4,839.0	2,747.0	NA	6	0	8	5	71	10	0	0	29
13	15		4,608.1	199.1	4,229.9	33	0	1	16	0	50	0	0	6
14	13	TUTOR PERINI CORP., Sylmar, Calif.†	4,492.3	171.8	5,702.2	56	0	0	0	0	44	0	0	7
15	12	CLARK CONSTRUCTION GROUP, Bethesda, Md. <sup>†</sup>	4,151.0	0.0	4,076.4	71	0	3	1	0	25	0	0	12
16	14	GILBANE BUILDING CO., Providence, R.I.	3,804.9	329.2	6,107.7	82	0	1	0	10	0	0	5	89
17	19	STRUCTURE TONE, New York, N.Y. <sup>†</sup>	3,666.0	222.4	4,134.0	88	0	0	0	6	0	0	6	80
18	26	MORTENSON CONSTRUCTION, Minneapolis, Minn.†	3,024.9	113.9	3,498.0	62	0	21	7	0	2	0	8	64
19	20		2,766.8	87.8	2,953.3	94	0	0	0	6	0	0	0	85
20	18	MCCARTHY HOLDINGS INC., St. Louis, Mo.†	2,694.0	0.0	4,170.0	75	0	4	9	2	10	0	0	65
21	21		2,655.9	2.6	3,585.0	75	3	1	0	10	0	0	12	91
22		DPR CONSTRUCTION, Redwood City, Calif.	-		·	77	7	3	0	0	1	0	12	82
ŧ	29	JE DUNN CONSTRUCTION GROUP, Kansas City, Mo. T	2,627.8	0.0	3,573.6									
23	28	HENSEL PHELPS, Greeley, Colo.	2,510.3	44.5	3,433.0	55	6	2	0	0	24	0	14	33
24   25	23	TURNER INDUSTRIES GROUP LLC, Baton Rouge, La. T	2,481.1	62.2	773.0	0	24	8	0	97 19	7	0	0	23
26   26	27 25	THE YATES COS. INC., Philadelphia, Miss.†	2,424.1		2,612.6 550.2	2	0	5	13			0	0	1
20   27	23	GRANITE CONSTRUCTION INC., Watsonville, Calif.	2,198.6	28.5		82	5	3	3	3	62	0	2	11
28	31	BRASFIELD & GORRIE LLC, Birmingham, Ala.  DRIMORIS SERVICES CORP. Loke Forget Colif.	2,196.0		2,077.1	1	0	0	2	75	22	0	0	0
29	32	PRIMORIS SERVICES CORP., Lake Forest, Calif.	2,062.3	20.0	2,136.0 5,984.0	0	0	34	0	66	0	0	0	0
30	38	ZACHRY GROUP, San Antonio, Texas†	2,027.0		·		0	0	0	00	0	0	0	
31	34	DAVID E. HARVEY BUILDERS INC., Houston, Texas  SUFFOLK CONSTRUCTION CO., Boston, Mass.	,	0.0	1,902.0	100	0	0	0	0	0	0	0	99
32	82		2,007.9		2,500.0	91	0	0	0	0	9	0	0	50
- †		CHINA CONSTRUCTION AMERICA, Jersey City, N.J. <sup>T</sup> MICHELS CORP., Brownsville, Wis. <sup>†</sup>	1,987.0	759.0	1,026.0						18			
33   34	24		1,917.4	170.5	1,917.4	2	0	20	5 0	51 0	0	0	0	47
- +	35	SWINERTON INC., San Francisco, Calif.†	1,901.7	0.0	3,796.6	87		13	0	22	33	0	0	0
35	41	AUSTIN INDUSTRIES, Dallas, Texas†	1,853.6	0.7	823.7	43	0	0	0	0	2	0	58	94
36	37	HOLDER CONSTRUCTION CO., Atlanta, Ga.	1,731.0	0.0	1,804.0	41								
37	33	HOFFMAN CORP., Portland, Ore. T	1,602.0	0.0	1 400 F	21	55	0	5	0	2	0	17	97
38	42	WALBRIDGE, Detroit, Mich. †	1,520.0	330.0	1,436.5	23	54	3		15	3	0		32
39	30	BLACK & VEATCH, Overland Park, Kan.†	1,513.4	491.5	1,130.8	0	0	47	15	6	0	0	32	12
40	39	FERROVIAL US CONSTRUCTION CORP., Austin, Texas <sup>†</sup>	1,447.0	0.0	858.0	0	0	0	0	0	100	0	0	0
41	44	LANE INDUSTRIES INC., Cheshire, Conn.†	1,436.3	82.6	1,534.2	0	0	6	0	2	92	0	0	70
42	49	BARTON MALOW CO., Southfield, Mich.	1,418.0	33.0	1,778.0	63	22	15	0	0	0	0	0	73
43	56	MATRIX SERVICE CO., Tulsa, Okla.†	1,390.4	71.1	NA 1 001 0	0	0	22	0	74	0	0	0	0
44	51	DAY & ZIMMERMANN, Philadelphia, Pa.†	1,379.7	4.8	1,231.0	0	0	97	0	3	0	0	0	0
45	43	COLAS USA, Morristown, N.J.†	1,326.0	0.0	1,675.0	0	0	0	4	2	94	0	0	0
46	48	PERFORMANCE CONTRACTORS INC., Baton Rouge, La.	1,251.0	0.0	1,400.0	0	0	21	0	79	0	0	0	0
47	52	MANHATTAN CONSTRUCTION GROUP, Tulsa, Okla.†	1,222.1	0.5	1,050.1	77	0	0	0	1	22	0	0	64
48	73	M+W U.S. INC., Watervliet, N.Y.	1,193.3	23.0	904.0	0	100	0	0	0	0	0	0	100
49	55	DEVCON CONSTRUCTION INC., Milpitas, Calif.	1,181.0	0.0	886.0	100	0	0	0	0	0	0	0	0
50	65	WEBCOR BUILDERS, San Francisco, Calif.	1,163.3	0.0	1,075.6	78	0	0	2	0	19	0	0	77

						/	<sub>6</sub> /	/	WATER/SEW.	WASTE	Ms /	/	<u>u</u> /	/
						GENERAL B.	MANUFACT	JAIMG		MDUS./PET	TRANSPORT.	HAZARDOIR	WAS1	150
			. 0044 PEVEN	UE (A.M.I.)		184		§ / &	18/SF	S. / P.	3. / dogs	" / MOON	TELECOM	% CM-AT-RISK
RA 2015		FIRM	TOTAL	INT'L	2014 NEW CONTRACTS	GENIE	MAM	POWER	MATE	May	/PAM	/ ## /	/ IELE	/ %
51	47	FLATIRON CONSTRUCTION CORP., Broomfield, Colo.†	1,157.3	374.9	892.0	0	0	7	6	0	84	0	0	0
52	61	CLAYCO INC., Chicago, III.†	1,140.0	0.0	1,470.0	92	8	0	0	0	0	0	0	0
53	46	ALBERICI CORP., St. Louis, Mo.†	1,105.8	363.7	1,115.6	16	5	30	13	33	2	0	0	50
54	54	PLAZA CONSTRUCTION, New York, N.Y.	1,100.0	0.0	900.0	100	0	0	0	0	0	0	0	90
55	70	OHL USA INC., New York, N.Y.	1,083.2	244.9	1,426.0	31	0	0	14	0	55	0	0	12
56	99	POWER CONSTRUCTION CO., Chicago, III.†	1,080.0	0.0	615.0	100	0	0	0	0	0	0	0	80
57	83	AMES CONSTRUCTION INC., Burnsville, Minn.†	1,075.0	16.0	917.0	3	0	2	0	1	74	0	0	2
58	68	MESSER CONSTRUCTION CO., Cincinnati, Ohio	1,029.8	0.0	902.5	90	1	0	0	6	3	0	0	61
59	86	RYAN COS. US INC., Minneapolis, Minn.	1,021.0	0.0	587.0	75	2	0	0	23	0	0	0	2
60	40	THE BABCOCK & WILCOX CO., Charlotte, N.C. <sup>†</sup>	1,012.4	436.1	1,046.5	0	0	91	0	9	0	0	0	0
61	50	BURNS & MCDONNELL, Kansas City, Mo.	1,006.5	0.0	NA	2	8	41	1	43	1	4	0	0
62	75	AEGION CORP., Chesterfield, Mo.†	967.6	257.7	NA	2	0	0	43	53	2	0	0	0
63	64	SHAWMUT DESIGN AND CONSTRUCTION, Boston, Mass.†	957.6	3.3	806.1	100	0	0	0	0	0	0	0	100
64	60	HITT CONTRACTING INC., Falls Church, Va.	954.9	23.3	1,037.0	78	0	0	0	0	2	0	20	98
65	76	AMEC FOSTER WHEELER, Tucker, Ga.†	942.8	186.2	629.9	7	1	74	1	7	0	0	0	0
66	98	GREAT LAKES DREDGE & DOCK CORP., Oak Brook, III.†	912.6	155.0	851.9	0	0	0	0	0	76	16	0	0
67	67	BILFINGER INDUSTRIAL SERVICES NORTH AMERICA, Houston, Texas†	908.0	0.0	730.0	0	0	4	0	96	0	0	0	0
68	59	KOKOSING INC., Westerville, Ohio†	902.1	0.0	1,224.6	19	0	14	14	3	39	0	0	15
69	85	THE BOLDT CO., Appleton, Wis.†	871.5	0.0	1,188.0	66	4	24	0	6	0	0	0	55
70	77	CONSIGLI CONSTRUCTION CO. INC., Milford, Mass.†	853.9	1.1	1,195.5	100	0	0	0	0	0	0	0	70
71	53	FLINTCO LLC, Tulsa, Okla.	852.9	0.0	749.6	100	0	0	0	0	0	0	0	59
72	72	PEPPER CONSTRUCTION GROUP, Chicago, III.†	833.4	0.0	1,029.2	84	0	0	15	0	0	1	0	66
73	136	COASTAL CONSTRUCTION GROUP, Miami, Fla. <sup>†</sup>	830.4	0.0	1,017.7	100	0	0	0	0	0	0	0	97
74	87	PJ DICK-TRUMBULL-LINDY PAVING, Pittsburgh, Pa. †	824.0	0.0	606.0	50	0	0	3	0	37	0	0	37
75	62	SUNDT CONSTRUCTION INC., Tempe, Ariz.	824.0	0.0	1,529.0	54	0	0	2	11	33	0	0	51
76	103	LAYTON CONSTRUCTION CO. INC., Sandy, Utah	819.8	0.0	948.0	90	9	0	0	0	0	0	0	70
77	92	ADOLFSON & PETERSON CONSTRUCTION, Minneapolis, Minn.	814.1	0.0	842.6	100	0	0	0	0	0	0	0	93
78	80	B.L. HARBERT INTERNATIONAL LLC, Birmingham, Ala.	813.5	555.6	999.0	89	10	0	0	0	0	0	0	0
79	66	LAYNE CHRISTENSEN CO., The Woodlands, Texas <sup>†</sup>	797.6	80.3	907.8	0	0	0	74	2	0	1	0	0
80	63	DCK WORLDWIDE LLC, Pittsburgh, Pa.†	788.7	263.3	377.5	92	0	1	2	0	5	0	0	33
81	94	CROSSLAND CONSTRUCTION CO. INC., Columbus, Kan.†	783.0	0.0	NA	77	12	0	10	0	2	0	0	18
82	**	AVALONBAY COMMUNITIES INC., Arlington, Va.	772.5	0.0	836.4	100	0	0	0	0	0	0	0	100
83	127	ARCO CONSTRUCTION COS., St. Louis, Mo. <sup>†</sup>	770.5	9.1	845.3	100	0	0	0	0	0	0	0	0
84	120	THE WEITZ CO., Des Moines, Iowa <sup>†</sup>	765.6	0.0	219.0	54	0	0	0	46	0	0	0	0
85	74	HUNTER ROBERTS CONSTRUCTION GROUP, New York, N.Y.	763.0	0.0	1,100.0	100	0	0	0	0	0	0	0	100
86	106	THE BECK GROUP, Dallas, Texas	753.1	35.4	987.1	87	2	0	0	0	0	0	11	60
87	97	THE MCSHANE COS., Rosemont, III.†	742.4	0.0	867.9	100	0	0	0	0	0	0	0	11
88	78	ROBINS & MORTON, Birmingham, Ala.	734.5	0.0	1,034.4	81	0	7	0	12	0	0	0	75
89	108	CHOATE CONSTRUCTION CO., Atlanta, Ga.	730.4	0.0	775.0	86	2	0	2	11	0	0	0	91
90	69	PARSONS, Pasadena, Calif. <sup>†</sup>	727.5	58.7	86.6	29	0	1	2	2	43	23	1	3
91	100	DUKE CONSTRUCTION, Indianapolis, Ind.	716.8	0.0	496.1	95	0	0	0	3	2	0	0	22
92	81	RAILWORKS CORP., New York, N.Y. <sup>†</sup>	703.0	177.0	915.0	0	0	0	0	0	100	0	0	0
93	89	GRAY CONSTRUCTION, Lexington, Ky.†	700.0	0.0	998.8	38	55	0	0	7	0	0	0	36
94	91	C.W. DRIVER COS., Pasadena, Calif.†	698.7	0.0	921.9	96	4	0	0	1	0	0	0	60
95	84	HATHAWAY DINWIDDIE CONSTRUCTION, San Francisco, Calif.	695.6	0.0	1,289.0	100	0	0	0	0	0	0	0	0
96	102	VCC LLC, Irving, Texas	687.0	0.0	795.0	100	0	0	0	0	0	0	0	0
97	**	<b>S&amp;B ENGINEERS AND CONSTRUCTORS LTD.,</b> Houston, Texas <sup>†</sup>	686.9	0.0	1,200.0	0	0	3	0	97	0	0	0	0
98	128	SAULSBURY INDUSTRIES, Odessa, Texas	685.4	0.0	899.6	0	0	12	0	88	0	0	0	0
99	93	LECHASE CONSTRUCTION SERVICES LLC, Rochester, N.Y.	680.0	0.0	791.0	66	13	5	0	14	0	0	2	51
100	109	STERLING CONSTRUCTION CO. INC., The Woodlands, Texas <sup>†</sup>	672.0	0.0	672.0	4	0	0	3	0	93	0	0	0

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						GENERAL	MANUFACE	BIMG	/.	MDUS./PET.	TRANSPORT.	HAZARDOIR	WAS <sub>1</sub>	/ *
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RA 2015	<b>NK</b> 2014	FIRM	TOTAL	NUE (\$ MIL) INT'L	2014 NEW CONTRACTS	3ENE	MANU	POWER	WATER	Snow.	TRANS	/4Z44	TELECOM	% CIM-AT-RISK
101	129	EMJ CORP., Chattanooga, Tenn.†	665.0	0.0	599.0	91	9	0	0	0	0	0	0	76
102	115	TELLEPSEN, Houston, Texas <sup>†</sup>	662.0	0.0	730.0	72	0	0	0	28	0	0	0	72
103	114	F.H. PASCHEN, S.N. NIELSEN & ASSOCIATES LLC, Chicago, III.	658.0	0.0	719.0	24	0	1	5	0	67	2	0	0
104	71	OKLAND CONSTRUCTION CO. INC., Salt Lake City, Utah	655.3	0.0	709.8	84	7	2	0	2	3	1	0	55
105	90	MIRON CONSTRUCTION CO. INC., Neenah, Wis.	654.2	0.0	485.1	63	4	3	6	21	3	0	0	25
106	292	LEVEL 10 CONSTRUCTION, Sunnyvale, Calif.	622.9	0.0	820.8	100	0	0	0	0	0	0	0	99
107	101	GARNEY HOLDING CO., Kansas City, Mo.†	616.2	0.0	764.8	0	0	0	100	0	0	0	0	12
108	107	WEEKS MARINE INC., Cranford, N.J. <sup>†</sup>	614.8	72.9	604.4	0	0	0	13	5	81	0	0	0
109	141	O'NEIL INDUSTRIES INC., Chicago, III.†	604.3	0.0	608.1	83	4	0	0	0	12	0	1	70
110	143	<b>GRAYCOR,</b> Oakbrook Terrace, III. <sup>†</sup>	603.5	0.0	540.5	44	3	37	0	16	0	0	0	0
111	138	THE CHRISTMAN CO., Lansing, Mich. †	600.9	0.0	718.0	100	0	0	0	0	0	0	0	64
112	88	JAMES G. DAVIS CONSTRUCTION CORP., Rockville, Md.	596.0	0.0	676.0	99	0	0	0	0	0	0	1	100
113	117	HERZOG COS., St. Joseph, Mo.	593.2	12.1	369.9	0	0	0	0	0	100	0	0	0
114	105	HASKELL, Jacksonville, Fla. †	591.0	68.4	537.8	8	18	23	8	32	11	0	0	6
115	96	BIG-D CONSTRUCTION CORP., Salt Lake City, Utah <sup>†</sup>	588.5	0.0	667.5	87	4	0	0	6	3	0	1	58
116	112	KRAUS-ANDERSON CONSTRUCTION CO., Minneapolis, Minn.	576.0	0.0	819.0	100	0	0	0	0	0	0	0	98
117	125	CLUNE CONSTRUCTION CO., Chicago, III.	558.1	0.0	558.1	100	0	0	0	0	0	0	0	100
118	122	ALLAN MYERS, Worcester, Pa.†	558.1	0.0	872.1	0	0	0	27	0	73	0	0	0
119	111	THE CIANBRO COS., Pittsfield, Maine <sup>†</sup>	555.6	0.0	677.4	11	0	30	0	45	7	0	0	7
120	137	SPAWGLASS HOLDING LP, Selma, Texas <sup>T</sup>	554.0	0.0	250.3	82	9	0	1	0	8	0	0	51
121 122	104	HAWAIIAN DREDGING CONSTRUCTION CO. INC., Honolulu, Hawaii	546.0 542.9	144.2	610.0 312.2	75 0	0	0	0	0	100	0	0	0
123	118	AMERICAN BRIDGE CO., Coraopolis, Pa. <sup>T</sup> STELLAR, Jacksonville, Fla.	541.2	107.6	541.2	24	0	15	0	61	0	0	0	0
124	**	SOUTHLAND-HOLDINGS, Fort Worth, Texas†	525.5	23.5	855.0	0	0	0	63	0	36	0	0	0
125	113	BERNARDS, San Fernando, Calif.	522.5	0.0	730.4	100	0	0	0	0	0	0	0	39
126	149	HOAR CONSTRUCTION LLC, Birmingham, Ala.†	515.4	0.0	687.9	97	3	1	0	0	0	0	0	88
127	182	THE CONLAN CO., Marietta, Ga.	514.9	0.0	455.8	95	4	0	1	0	0	0	0	0
128	121	CCC GROUP INC., San Antonio, Texas	498.7	18.0	459.3	4	0	9	0	74	7	0	0	0
129	124	MCGOUGH CONSTRUCTION, St. Paul, Minn.†	498.0	0.0	441.0	83	0	0	0	14	0	0	3	86
130	**	THE HANOVER CO., Houston, Texas	497.0	0.0	633.0	100	0	0	0	0	0	0	0	0
131	130	JAMES MCHUGH CONSTRUCTION CO., Chicago, III.	488.0	0.0	619.3	75	0	0	2	0	23	0	0	0
132	131	KAISER FOUNDATION HEALTH PLAN INC., Anaheim, Calif.	480.6	0.0	NA	100	0	0	0	0	0	0	0	0
133	204	CAJUN INDUSTRIES LLC, Baton Rouge, La. †	476.0	0.0	455.4	1	0	1	11	88	0	0	0	0
134	167	ALSTON CONSTRUCTION CO., Atlanta, Ga.	470.0	0.0	531.0	100	0	0	0	0	0	0	0	0
135	133	ANDERSON COLUMBIA CO. INC., Lake City, Fla.	469.0	0.0	265.0	0	0	0	0	29	71	0	0	0
136	211	SELLEN CONSTRUCTION CO. INC., Seattle, Wash.	465.0	0.0	1,523.0	100	0	0	0	0	0	0	0	0
137	176	JACOBSEN CONSTRUCTION CO. INC., Salt Lake City, Utah <sup>†</sup>	461.0	16.0	580.0	98	2	0	0	0	0	0	0	100
138	150	J.H. FINDORFF & SON INC., Madison, Wis.	454.0	0.0	323.0	100	0	0	0	0	0	0	0	69
139	160	BARTLETT COCKE GENERAL CONTRACTORS, San Antonio, Texas	453.8	0.0	503.0	100	0	0	0	0	0	0	0	61
140	166	JORDAN FOSTER CONSTRUCTION, El Paso, Texas	453.3	0.0	294.1	88	0	0	0	0	12	0	0	18
141	191	ELKHORN HOLDINGS, Evanston, Wyo.	453.0	0.0	293.0	0	0	1	0	99	0	0	0	0
142	101	SNYDER LANGSTON, Irvine, Calif.	452.7	0.0	452.7	100	0	0	0	0	0	0	0	0
143	161	LEE LEWIS CONSTRUCTION INC., Lubbock, Texas	452.0	0.0	490.0	100	0	0	0	0	0	0	0	100
144 145	146	WILLIAMS BROTHERS CONSTRUCTION CO. INC., Houston, Texas  THE RUDOL PH/J IRRE COS. INC. Walbridge Object	451.4 451.0	0.0	460.2 453.0	26	25	7	0	39	100	0	0	0
145	187 152	THE RUDOLPH/LIBBE COS. INC., Walbridge, Ohio <sup>†</sup> E.E. REED CONSTRUCTION LP, Sugar Land, Texas <sup>†</sup>	450.0	0.0	609.0	100	0	0	0	0	0	0	0	3
147	148	PC CONSTRUCTION CO., S. Burlington, Vt.	449.7	0.0	382.2	42	10	1	46	0	0	0	1	38
148	180	BATSON-COOK CO., West Point, Ga.	448.2	0.0	595.7	98	0	0	0	2	0	0	0	73
149	123	KITCHELL CORP., Phoenix, Ariz.†	441.0	0.0	301.0	99	0	0	0	0	0	0	0	88
150	116	F.A. WILHELM CONSTRUCTION CO. INC., Indianapolis, Ind.	438.9	0.0	285.0	39	8	8	8	38	0	0	0	9
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						GENERAL B.	SMIQT	9Mil	/.	INDUS./PET	ROLEUM	HAZARDOJIE	WASTE	/*
						RA	MANUFACT	5 / 8	A/SEL	S. / P.	TRANSPORT	PDO.IL	Mo	% CM-AT-RISK
RAN 2015		FIRM	TOTAL	IUE (\$ MIL) INT'L	2014 NEW CONTRACTS	GENE	MAM	POWER	WATE	MON	/RAN	HAZA	TELECOM	/ %
151	183	HILL & WILKINSON GENERAL CONTRACTORS, Richardson, Texas	437.5	0.0	378.3	75	2	0	0	19	4	0	0	74
152	134	ZACHRY CONSTRUCTION CORP., San Antonio, Texas <sup>†</sup>	437.0	0.0	113.0	19	0	0	9	0	70	0	2	6
153	261	GLY CONSTRUCTION INC., Bellevue, Wash.	433.0	0.0	634.0	93	7	0	0	0	0	0	0	97
154	140	MWH GLOBAL, Broomfield, Colo. †	423.8	241.6	790.8	0	0	11	89	0	0	0	0	24
155	**	THE DENNIS ENGINEERING GROUP LLC, Springfield, Mass.	418.6	0.0	300.0	0	0	0	0	100	0	0	0	10
156	238	GE JOHNSON CONSTRUCTION CO., Colorado Springs, Colo.†	416.2	0.0	514.5	100	0	0	0	0	0	0	0	98
157	139	STACY AND WITBECK INC., Alameda, Calif. †	416.2	0.0	420.0	0	0	0	0	0	100	0	0	0
158	172	THE HUBBARD GROUP INC., Orlando, Fla. <sup>†</sup>	416.1	0.0	603.4	0	0	0	0	0	100	0	0	0
159	158	NABHOLZ CONSTRUCTION CORP., Conway, Ark.	414.3	0.0	552.5	69	9	0	0	0	5	0	17	100
160	193	BARNARD CONSTRUCTION CO. INC., Bozeman, Mont.	413.4	10.7	254.5	0	0	17	49	16	18	0	0	1
161	171	PANKOW BUILDERS, Pasadena, Calif.†	409.0	0.0	116.0	100	0	0	0	0	0	0	0	0
162	197	ROCKFORD CONSTRUCTION, Grand Rapids, Mich.	408.2	0.0	250.0	98	0	1	0	1	0	0	1	12
163	119	ECC, Burlingame, Calif. <sup>†</sup>	407.8	261.9	135.0	67	0	5	1	3	7	16	0	0
164	285	KAJIMA BUILDING & DESIGN GROUP INC., Atlanta, Ga.	405.0	0.0	339.0	36	62	0	0	2	0	0	0	0
165	155	LPCIMINELLI INC., Buffalo, N.Y.†	400.8	0.0	1,320.0	87	11	2	0	0	0	0	0	85
166	164	SAUNDERS CONSTRUCTION INC., Centennial, Colo.†	400.4	0.0	300.0	85	0	0	0	4	10	0	0	85
167	162	H&M CO. INC., Jackson, Tenn.	398.0	0.0	322.0	78	0	0	0	22	0	0	0	0
168	184	JOERIS GENERAL CONTRACTORS LTD., San Antonio, Texas	398.0	0.0	478.0	100	0	0	0	0	0	0	0	27
169	142	KINSLEY CONSTRUCTION INC., York, Pa. †	393.5	0.0	409.6	64	7	0	2	5	12	0	1	33
170	165	SHIMMICK CONSTRUCTION CO. INC., Oakland, Calif.	393.4	0.0	262.7	0	0	0	8	0	92	0	0	0
171	168	CDM SMITH, Boston, Mass. T	392.3	28.1	394.7	12	0	6	77	1	0	4	0	5
172	189	ANDERSEN CONSTRUCTION, Portland, Ore.	390.0	0.0	500.0	100	0	0	0	0	0	0	0	71
173	228	LAS VEGAS PAVING CORP., Las Vegas, Nev.	390.0	0.0	466.0	0	0	0	0	0	100	0	0	21
174	181	ORION MARINE GROUP INC., Houston, Texas	385.8	49.8	354.2	0	0	0	0	0	100	0	0	0
175	159	DEACON CORP., Citrus Heights, Calif.†	385.7	0.0	527.6	100	0	0	0	0	0	0	0	0
176	195 192	THE BRANCH GROUP INC., Roanoke, Va.†	384.9	0.0	300.0	43 45	0	0	0	0	51 0	0	0	0
177 178	192	CIVES STEEL CO., Roswell, Ga. † TORCON INC., Red Bank, N.J.	383.0 383.0	5.0	400.0	61	20	13	0	22 39	0	0	0	100
179	126	BARNHILL CONTRACTING CO., Rocky Mount, N.C.	381.6	0.0	557.0 351.7	23	0	0	0	0	77	0	0	15
180	217	HOLLAND CONSTRUCTION INC., Vancouver, Wash.	381.0	0.0	257.0	100	0	0	0	0	0	0	0	0
+	201	CADDELL CONSTRUCTION CO. (DE) LLC, Montgomery, Ala.	377.0	212.0	552.0	87	0	2	0	0	1	0	0	0
182	274	GEMMA POWER SYSTEMS, Glastonbury, Conn.†	376.7	0.0	9.9	0	0	100	0	0	0	0	0	0
183	144	DIMEO CONSTRUCTION CO., Providence, R.I.†	372.5	0.0	626.0	100	0	0	0	0	0	0	0	98
184	186	JINGOLI - DCO, Lawrenceville, N.J.†	367.2	20.0	535.0	19	0	77	3	0	0	0	0	3
185	178	GRUNLEY CONSTRUCTION CO. INC., Rockville, Md.	366.0	0.0	457.6	100	0	0	0	0	0	0	0	43
186	153	SATTERFIELD & PONTIKES CONSTRUCTION INC., Houston, Texas <sup>†</sup>	366.0	0.0	476.0	96	0	0	0	0	4	0	0	10
187	232	WILLIAM CHARLES CONSTRUCTION LLC, Loves Park, III.†	360.8	0.0	336.6	10	0	0	0	0	90	0	0	0
188	157	OLTMANS CONSTRUCTION CO., Whittier, Calif.	358.0	0.0	421.0	94	0	6	0	0	0	0	0	0
189	179	MANSON CONSTRUCTION CO., Seattle, Wash.†	356.3	0.0	NA	0	0	0	0	0	100	0	0	0
190	151	THE PIKE COS. LTD., Rochester, N.Y.	356.0	0.0	708.0	75	1	5	0	9	10	0	0	60
191	169	J. FLETCHER CREAMER & SON INC., Hackensack, N.J. <sup>†</sup>	354.6	0.0	391.2	5	0	23	29	5	21	9	8	0
192	237	LEASE CRUTCHER LEWIS, Seattle, Wash.	353.2	0.0	584.1	88	12	0	0	0	0	0	0	31
193	174	W.M. JORDAN CO., Newport News, Va.	344.3	0.0	344.3	100	0	0	0	0	0	0	0	46
194	185	WEIS BUILDERS INC., Minneapolis, Minn.	337.0	0.0	308.0	100	0	0	0	0	0	0	0	79
195	205	C D SMITH CONSTRUCTION, Fond du Lac, Wis.	332.2	0.0	405.0	82	0	0	18	0	0	0	0	0
196	132	J.P. CULLEN & SONS INC., Janesville, Wis.	332.0	0.0	250.0	98	0	2	0	0	0	0	0	77
197	203	CATAMOUNT CONSTRUCTORS INC., Lakewood, Colo.	329.2	0.0	211.6	100	0	0	0	0	0	0	0	8
198	175	BBL CONSTRUCTION SERVICES LLC, Albany, N.Y.	327.3	0.0	343.7	100	0	0	0	0	0	0	0	23
199	**	BUILD GROUP INC., San Francisco, Calif.	326.5	0.0	304.5	100	0	0	0	0	0	0	0	100
200	200	QUANDEL ENTERPRISES INC., Harrisburg, Pa. †	324.8	0.0	223.8	87	0	0	13	0	0	0	0	46

RA	NK		ı 2014 REVE	NUE (\$ MIL)	2014 NEW	GENERAL	MANUFACTION	POWER	WATER/SFum	US. / D.Z.	TETROLEUM TRANSPOS	HAZARDO	TELECOM	% CM-AT-RISK
	2014	FIRM	TOTAL	INT'L	CONTRACTS	/ YEA	/W	/ %	/ XX	/ N	/ E	##	/ E	/ %
201	202	KNUTSON CONSTRUCTION, Minneapolis, Minn.†	322.0	0.0	NA	89	4	0	0	2	6	0	0	0
202	199	TRAYLOR BROS. INC., Evansville, Ind.	318.0	0.0	853.7	0	0	0	30	0	70	0	0	0
203	268	ARISTEO CONSTRUCTION CO., Livonia, Mich. †	315.6	2.0	342.7	1	93	2	0	4	0	0	0	4
204	215	COMMERCIAL CONTRACTING GROUP, Auburn Hills, Mich.†	315.0	13.0	185.0	49	45	0	2	4	0	0	0	0
205	208	PARIC CORP., St. Louis, Mo.	315.0	0.0	347.0	100	0	0	0	0	0	0	0	5
206	163	LINBECK GROUP LLC, Houston, Texas	312.0	0.0	723.0	100	0	0	0	0	0	0	0	86
207	226	THE PENTA BUILDING GROUP, Las Vegas, Nev.	311.0	0.0	328.0	100	0	0	0	0	0	0	0	96
208	190	TEICHERT CONSTRUCTION, Sacramento, Calif.	306.8	0.0	376.5	29	0	0	8	0	63	0	0	0
209	224	CLANCY & THEYS CONSTRUCTION CO., Raleigh, N.C.	306.1	0.0	315.0	92	3	0	0	1	4	0	0	58
210	273	<b>0&amp;G INDUSTRIES INC.,</b> Torrington, Conn.	304.1	0.0	136.5	43	4	0	0	0	52	0	0	42
211	235	BRINKMANN CONSTRUCTORS, Chesterfield, Mo.	303.5	0.0	272.8	99	0	0	0	0	1	0	0	6
212	280	R&O CONSTRUCTION, Ogden, Utah	303.0	0.0	245.0	100	0	0	0	0	0	0	0	50
213	194	LEOPARDO COS. INC., Hoffman Estates, III.	301.7	0.0	312.9	100	0	0	0	0	0	0	0	63
214	196	WILLIAMS INDUSTRIAL SERVICES GROUP LLC, Tucker, Ga.	297.4	0.0	75.3	0	0	98	0	2	0	0	0	25
215	**	SEMA CONSTRUCTION INC., Centennial, Colo.†	296.0	0.0	306.0	0	0	0	4	0	96	0	0	0
216	223	VECELLIO GROUP INC., West Palm Beach, Fla.	293.8	0.0	305.0	0	0	0	0	1	99	0	0	0
217	206	<u> </u>	291.9	0.0	291.9	3	0	0	0	96	0	0	1	0
218	173	CR MEYER, Oshkosh, Wis.	291.0	0.0	291.0	0	0	3	0	97	0	0	0	0
219	209	BUTZ ENTERPRISES INC., Allentown, Pa.†	290.5	0.0	208.6	100	0	0	0	0	0	0	0	80
220	**	LEDCOR GROUP, San Diego, Calif.	289.0	0.0	NA	58	19	0	0	0	21	0	1	0
221	**	MILLIE AND SEVERSON GENERAL CONTRACTORS, Los Alamitos, Calif.	287.7	0.0	160.7	100	0	0	0	0	0	0	0	0
222	253	BULLEY & ANDREWS LLC, Chicago, III.	287.5	0.0	192.2	90	10	0	0	0	0	0	0	67
223	243	FORTIS CONSTRUCTION INC., Portland, Ore.	284.4	22.8	333.0	56	2	0	0	0	0	0	42	1
224	219	KLINGER COS. INC., Sioux City, Iowa <sup>†</sup>	284.0	0.0	341.0	24	7	2	0	67	0	0	0	0
225	221	CONTI GROUP, Edison, N.J.	281.7	50.0	NA	17	0	20	14	0	37	10	0	77
226	244	FCI CONSTRUCTORS INC., Grand Junction, Colo.†	281.5	0.0	310.4	100	0	0	0	0	0	0	0	77
227	177	BOH BROS. CONSTRUCTION CO. LLC, New Orleans, La.	281.0	0.0	424.9	4	0	2	19	62	14	0	0	0
229	286	LYDIG CONSTRUCTION INC., Spokane, Wash.	279.6 279.5	0.0	264.4	58 100	30	0	8	0	0	0	0	77
230	357	ROGERS-O'BRIEN CONSTRUCTION, Dallas, Texas  INTECH CONSTRUCTION LLC, Philadelphia, Pa.	277.0	0.0	377.0	100	0	0	0	0	0	0	0	99
231	154	RODGERS BUILDERS INC., Charlotte, N.C.	276.9	0.0	508.0	100	0	0	0	0	0	0	0	95
232	283		274.4	0.0	70.0	90	0	0	0	10	0	0	0	90
233	242	JAY CASHMAN INC., Quincy, Mass†	273.9	3.9	NA	0	0	22	13	0	22	0	0	0
234	**	BRAHMA GROUP INC., Salt Lake City, Utah	272.8	0.0	178.0	37	0	49	0	13	0	0	0	0
235	267	ODEBRECHT CONSTRUCTION INC., Coral Gables, Fla.†	272.4	0.0	58.8	0	0	0	3	0	97	0	0	3
236	210		272.0	0.0	365.9	100	0	0	0	0	0	0	0	91
237	272	SHELCO LLC, Raleigh, N.C.	266.1	0.0	287.2	100	0	0	0	0	0	0	0	0
238	145	CONTRACK INTERNATIONAL INC., McLean, Va.†	266.0	210.0	569.0	0	0	0	0	0	0	0	0	0
239	213	CHANEN CONSTRUCTION CO. INC., Phoenix, Ariz.	265.9	0.0	265.9	100	0	0	0	0	0	0	0	100
240	135	BMWC CONSTRUCTORS INC., Munster, Ind.	260.0	0.0	80.0	1	15	9	0	76	0	0	0	0
241	**	LEE KENNEDY CO., Quincy, Mass.	260.0	0.0	203.0	100	0	0	0	0	0	0	0	87
242	229	KEY CONSTRUCTION INC., Wichita, Kan.	258.0	0.0	258.0	93	0	0	0	0	0	0	7	14
243	312	E.W. HOWELL CO. LLC, Plainview, N.Y.	252.4	0.0	445.8	100	0	0	0	0	0	0	0	9
244	**	DELLBROOK/JK SCANLAN, Quincy, Mass.†	251.1	0.0	237.9	100	0	0	0	0	0	0	0	100
245	227	VANCE BROWN INC., Palo Alto, Calif.	250.3	0.0	357.6	100	0	0	0	0	0	0	0	0
246	240	CARDI CORP., Warwick, R.I.	250.0	0.0	100.0	0	0	0	0	0	100	0	0	0
247	269	THE MIDDLESEX COS., Littleton, Mass. <sup>†</sup>	250.0	0.0	199.0	0	0	0	0	0	100	0	0	0
248	277	HOLT CONSTRUCTION CORP., Pearl River, N.Y.	249.7	0.0	173.5	86	1	0	0	0	13	0	0	13
249	323	KPRS CONSTRUCTION SERVICES INC., Brea, Calif.†	248.2	0.0	345.5	100	0	0	0	0	0	0	0	0
250	**	RONCELLI INC., Sterling Heights, Mich.	247.0	33.0	175.0	25	65	0	0	0	10	0	0	38

						GENERAL	MANUFACTII		WATER/SFIUM	MER/WASTE	PRANSPORT	HAZARDO	OUS WASTE	% CM-AT-RISK
	<b>NK</b> 2014	FIRM	2014 REVE	NUE (\$ MIL) INT'L	2014 NEW CONTRACTS	GENER	MANU	POWER	WATER	Non	<sup>TRANS</sup>	HAZAR	TELECOM	% CM,
251	225	ENGINEERED STRUCTURES INC. (ESI), Meridian, Idaho†	246.4	0.5	251.2	99	0	0	0	0	1	0	0	0
252	316	SHIEL SEXTON CO. INC., Indianapolis, Ind. <sup>†</sup>	245.0	9.0	253.5	96	4	0	0	0	0	0	0	86
253	258	BARR & BARR INC., New York, N.Y.	244.9	0.0	614.5	100	0	0	0	0	0	0	0	100
254	293	BOWEN ENGINEERING CORP., Indianapolis, Ind.	244.7	0.0	140.0	0	0	57	40	4	0	0	0	0
255	263	HARKINS BUILDERS INC., Marriottsville, Md.	244.0	0.0	226.0	100	0	0	0	0	0	0	0	98
256	170	MORLEY BUILDERS, Santa Monica, Calif. †	243.4	0.0	359.7	100	0	0	0	0	0	0	0	0
257	300	SAMET CORP., Greensboro, N.C.	242.3	0.0	29.1	96	1	0	0	3	0	0	0	20
258	246	HASELDEN CONSTRUCTION LLC, Centennial, Colo.	241.0	0.0	203.8	100	0	0	0	0	0	0	0	41
259	**	POGUE CONSTRUCTION, McKinney, Texas	240.0	0.0	250.0	100	0	0	0	0	0	0	0	90
260	216	THE LEMOINE CO. LLC, Lafayette, La.	238.8	0.0	83.8	99	0	1	1	0	0	0	0	0
261	**	GRANGER CONSTRUCTION CO., Lansing, Mich.	236.0	0.0	405.0	68	29	0	3	0	0	0	0	69
262	271	MCCORMICK INC. & SUBSIDIARIES, Fargo, N.D.†	234.3	0.0	119.8	2	0	2	6	0	89	0	0	0
263	324	THE LAUREN CORP., Irving, Texas <sup>†</sup>	234.0	17.0	282.0	0	0	5	0	95	0	0	0	0
264	252	NAN INC., Honolulu, Hawaii	232.9	0.0	315.5	83	0	0	4	0	13	0	0	0
265	275	C. OVERAA & CO., Richmond, Calif.	232.1	0.0	203.4	37	0	3	53	3	4	0	0	0
266 267	265 287	HAYDON BUILDING CORP., Phoenix, Ariz.  POSILLICO INC., Farmingdale, N.Y.†	230.1	0.0	271.0 235.0	48 25	0	0	5	0	47 47	18	0	69
268	360	ALBERT C. KOBAYASHI INC., Waipahu, Hawaii	228.0	0.0	390.0	100	0	0	0	0	0	0	0	0
269	255	GH PHIPPS CONSTRUCTION COS., Greenwood Village, Colo.†	227.4	0.0	240.0	100	0	0	0	0	0	0	0	75
270	188	GOTHAM CONSTRUCTION CO. LLC, New York, N.Y.	225.8	0.0	1,129.9	100	0	0	0	0	0	0	0	23
271	**	COMMODORE BUILDERS, Mass., Mass.	224.0	0.0	216.0	100	0	0	0	0	0	0	0	37
272	400	<b>ELFORD INC.,</b> Columbus, Ohio <sup>†</sup>	221.0	0.0	264.0	100	0	0	0	0	0	0	0	57
273	257	CROWDER CONSTRUCTION CO., Charlotte, N.C.	220.1	0.0	185.5	0	4	39	38	2	17	0	0	0
274	309	MARTIN-HARRIS CONSTRUCTION LLC, Las Vegas, Nev.	219.3	0.0	145.8	71	12	1	0	4	1	0	11	35
275	310	THE WALSH GROUP, Portland, Ore. †	219.0	0.0	350.0	100	0	0	0	0	0	0	0	0
276	245	MCM, Miami, Fla.	218.8	62.9	208.6	24	0	0	19	0	57	0	0	18
277	264	MARCH ASSOCIATES CONSTRUCTION INC., Wayne, N.J.	218.0	0.0	229.0	100	0	0	0	0	0	0	0	17
278	**	MARKET & JOHNSON INC., Eau Claire, Wis.	218.0	0.0	566.0	61	4	1	0	34	0	0	0	28
279	326	NEW SOUTH CONSTRUCTION CO. INC., Atlanta, Ga.	217.2	0.0	304.7	76	8	0	0	0	14	0	0	91
280	247	BNBUILDERS, Redwood City, Calif. <sup>†</sup>	217.0	0.0	476.0	61	0	0	0	0	0	0	0	91
281	**	SUKUT CONSTRUCTION LLC, Santa Ana, Calif.	216.3	0.0	187.1	0	0	22	10	0	19	0	0	0
282	384	LYLES CONSTRUCTION GROUP, Fresno, Calif. †	215.4	0.0	339.5	3	0	13	66	10	7	0	0	7
283	315	DONOHOE CONSTRUCTION CO., Washington, D.C.†	214.0	0.0	228.0	100	0	0	0	0	0	0	0	0
284	**	THE MORGANTI GROUP INC., Danbury, Conn.†	214.0	80.0	232.0	87	0	0	0	0	13	0	0	56
285	289	THE BETTE COS., Latham, N.Y.†	213.3	0.0	201.1	83	0	3	0	0	14	0	0	0
286	305 314	RJM CONSTRUCTION, Minneapolis, Minn.†	213.3	0.0	203.3	100	0	0	0	0	1	0	0	0
287 288	291	LUSARDI CONSTRUCTION CO., San Marcos, Calif. <sup>†</sup> WOODWARD DESIGN+BUILD, New Orleans, La.	212.9 212.5	0.0	301.9 100.7	99 87	13	0	0	0	0	0	0	0
289	330	MONADNOCK CONSTRUCTION INC., Brooklyn, N.Y.	210.9	0.0	158.4	100	0	0	0	0	0	0	0	6
290	248	COLUMBIA CONSTRUCTION CO., North Reading, Mass.	210.0	0.0	200.0	88	0	5	0	7	0	0	0	67
291	298	CONTINENTAL BUILDING SYSTEMS, Columbus, Ohio	208.7	0.0	191.8	100	0	0	0	0	0	0	0	0
292	394	CDI CONTRACTORS LLC, Little Rock, Ark.†	207.9	0.0	83.5	97	0	0	0	3	0	0	0	96
293	**	FCL BUILDERS LLC, Itasca, III.	207.0	0.0	207.0	100	0	0	0	0	0	0	0	0
294	**	CORVAL GROUP, St. Paul, Minn.	206.0	0.0	319.0	0	7	6	0	86	0	0	0	0
295	**	KAST CONSTRUCTION, West Palm Beach, Fla.	203.6	0.0	351.0	100	0	0	0	0	0	0	0	100
296	276	S.T. WOOTEN CORP., Wilson, N.C.	203.0	0.0	167.4	0	0	0	0	0	100	0	0	0
297	395	MEDCO CONSTRUCTION, Dallas, Texas	202.0	0.0	75.0	100	0	0	0	0	0	0	0	0
298	353	COAKLEY & WILLIAMS CONSTRUCTION INC., Bethesda, Md.	200.9	0.0	107.9	100	0	0	0	0	0	0	0	35
299	296	NIBBI BROTHERS GENERAL CONTRACTORS, San Francisco, Calif.	200.9	0.0	386.0	100	0	0	0	0	0	0	0	100
300	249	SUPERIOR CONSTRUCTION HOLDING CO. INC., Gary, Ind. <sup>†</sup>	200.5	0.0	150.0	0	0	0	0	36	63	0	0	0

THE CHRISTMAN CO. acquired Knoxville, Tenn., Rentenbach Constructors, which ranked at No. 362 on last year's Top 400.

							MANUFACT	ORING	/	INDUS./PETE	TROLEUM	HAZARDOUS W.	MASTE	/sk
RA 2015	<b>NK</b> 2014	FIRM	2014 REVEN		2014 NEW CONTRACTS	GENERAL .	MANUFACT	POWER	WATER /S.	Mous, pr	TRANSPORTA	HAZARDOU	TELECOM	% CM-AT-RISK
301	281	KBE BUILDING CORP., Farmington, Conn.†	200.2	0.0	360.0	100	0	0	0	0	0	0	0	51
302	**	GHILOTTI CONSTRUCTION, Santa Rosa, Calif.	200.0	0.0	170.0	0	0	0	40	0	60	0	0	0
303	317	WOHLSEN CONSTRUCTION CO., Lancaster, Pa.	198.0	0.0	353.3	97	3	0	0	0	0	0	0	59
304	220	MATT CONSTRUCTION CORP., Santa Fe Springs, Calif.†	197.0	0.0	509.0	100	0	0	0	0	0	0	0	1
305	320	WHARTON-SMITH INC., Sanford, Fla.†	196.9	0.0	207.2	24	0	0	76	0	0	0	0	23
306	295	THE RUHLIN CO., Sharon Center, Ohio	195.3	0.0	112.6	37	2	30	0	0	31	0	0	0
307	270	M.B. KAHN CONSTRUCTION CO. INC., Columbia, S.C.	195.1	0.0	352.8	53	10	13	19	4	1	0	0	10
308	328	<u> </u>	195.1		145.0	100	0	0	0	0	0	0	0	49
309	320	PIONEER GENERAL CONTRACTORS, Grand Rapids, Mich. T		0.0		2	0		1	0	43	0	0	0
	201	FERREIRA CONSTRUCTION CO. INC., Branchburg, N.J. <sup>†</sup>	194.5	0.0	280.0			41						
310	321	EXXEL PACIFIC INC., Bellingham, Wash.	194.0	0.0	222.0	100	0	0	0	0	0	0	0	0
311	284	MASCARO CONSTRUCTION CO. LP, Pittsburgh, Pa. T	193.5	0.0	326.3	71	0	4	0	25	0	0	0	59
312	282	SHOOK CONSTRUCTION CO., Dayton, Ohio	193.0	0.0	320.0	43	0	0	46	8	0	0	3	31
313	301	ULLIMAN SCHUTTE CONSTRUCTION LLC, Miamisburg, Ohio <sup>T</sup>	192.0	0.0	89.0	0	0	0	100	0	0	0	0	13
314	350	SLETTEN COS., Great Falls, Mont.	190.9	0.0	146.6	55	0	13	11	1	19	0	0	36
315	336	FORT MYER CONSTRUCTION CORP., Washington, D.C.	190.6	0.0	176.9	0	6	0	17	0	61	0	0	0
316	**	EXECUTIVE CONSTRUCTION INC., Hillside, III.	190.0	0.0	15.0	89	0	0	0	0	0	0	11	87
317	319	FORRESTER CONSTRUCTION CO., Rockville, Md.	190.0	0.0	NA	100	0	0	0	0	0	0	0	53
318	345	MW BUILDERS, Overland Park, Ky.	189.0	0.0	258.0	100	0	0	0	0	0	0	0	19
319	297	SHAW CONSTRUCTION, Denver, Colo.	187.6	0.0	176.6	100	0	0	0	0	0	0	0	93
320	342	HAWKINS CONSTRUCTION CO., Omaha, Neb.	187.1	0.0	280.9	8	0	0	23	1	68	0	0	1
321	**	MCCARTHY IMPROVEMENT CO., Davenport, Iowa <sup>†</sup>	186.0	0.0	182.0	20	0	0	4	8	68	0	0	8
322	**	CAROTHERS CONSTRUCTION INC., Oxford, Miss.	185.0	0.0	195.0	100	0	0	0	0	0	0	0	0
323	372	BLYTHE DEVELOPMENT CO., Charlotte, N.C. <sup>†</sup>	184.0	0.0	167.0	16	24	0	8	0	51	0	0	0
324	**	LOENBRO INC., Great Falls, Mont. <sup>†</sup>	182.2	0.0	96.4	0	0	0	0	100	0	0	0	0
325	365	BRAYMAN CONSTRUCTION CORP., Saxonburg, Pa.	180.9	0.0	NA	4	5	0	20	0	71	0	0	0
326	373	WINTER CONSTRUCTION, Atlanta, Ga.	180.0	0.0	180.0	89	0	0	0	0	0	11	0	56
327	**	BRADBURY STAMM CONSTRUCTION INC., Albuquerque, N.M.	179.3	0.0	206.8	100	0	0	0	0	0	0	0	14
328	294	Q&D CONSTRUCTION INC., Sparks, Nev.	178.8	0.0	181.3	27	0	0	11	3	58	0	1	0
329	371	IMC CONSTRUCTION, Malvern, Pa.	178.0	0.0	294.0	93	7	0	0	0	0	0	0	80
330	233	HARPER CONSTRUCTION CO. INC., San Diego, Calif.	177.9	0.0	239.8	99	0	1	0	0	0	0	0	0
331	341	S.J. AMOROSO CONSTRUCTION CO. INC., Redwood Shores, Calif.	177.3	0.0	NA	85	0	0	15	0	0	0	0	0
332	331	TARLTON CORP., St. Louis, Mo. <sup>†</sup>	176.3	0.0	196.6	74	0	18	0	0	1	0	7	44
333	**	BCCI CONSTRUCTION CO., San Francisco, Calif.	175.4	0.0	258.6	100	0	0	0	0	0	0	0	10
334	260	SEVENSON ENVIRONMENTAL SERVICES INC., Niagara Falls, N.Y.	174.4	0.0	180.6	0	0	0	5	0	0	95	0	0
335	348	MASSARO CONSTRUCTION GROUP, Pittsburgh, Pa.†	174.0	0.0	206.0	100	0	0	0	0	0	0	0	2
336	**	AMERICON CONSTRUCTION INC., New York, N.Y.	173.8	0.0	202.4	100	0	0	0	0	0	0	0	55
337	378	CALLAHAN INC., Bridgewater, Mass.	172.8	0.0	189.5	100	0	0	0	0	0	0	0	2
338	**	CONSTRUCTION ENTERPRISES INC., Franklin, Tenn.	169.0	0.0	101.0	100	0	0	0	0	0	0	0	0
339	343	RQ CONSTRUCTION LLC, Carlsbad, Calif.	169.0	4.0	141.0	95	0	5	0	0	0	0	0	0
340	318	O'NEAL INC., Greenville, S.C.	168.2	0.0	67.0	0	29	0	0	71	0	0	0	0
341	361	PARKWAY CONSTRUCTION & ASSOCIATES, Lewisville, Texas	168.0	0.0	228.0	100	0	0	0	0	0	0	0	6
342	369	RATCLIFF COS., Alexandria, La.	167.5	0.0	203.1	100	0	0	0	0	0	0	0	0
343	230	SKENDER CONSTRUCTION, Chicago, III.†	167.4	0.0	254.3	100	0	0	0	0	0	0	0	0
344	313	SUMMIT CONTRACTING GROUP INC., Jacksonville, Fla.	165.0	0.0	165.0	100	0	0	0	0	0	0	0	0
345	335	WOLVERINE BUILDING GROUP INC., Grand Rapids, Mich.	165.0	0.0	130.0	79	21	0	0	0	0	0	0	15
346	346	O.C. JONES AND SONS INC., Berkeley, Calif.	164.4	0.0	176.8	8	0	0	0	0	92	0	0	0
347	290	SAUER INC., Jacksonville, Fla.	162.7	0.0	131.0	100	0	0	0	0	0	0	0	13
348	**	CLARK CONSTRUCTION, Lansing, Mich.	162.3	0.0	197.6	97	2	0	0	0	1	0	0	90
349	**	WAGMAN, York, Pa.†	162.2	0.0	151.0	41	0	0	0	0	59	0	0	17
350	380	RYCON CONSTRUCTION INC., Pittsburgh, Pa.	162.0	0.0	233.0	100	0	0	0	0	0	0	0	45
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RA	NK		2014 REVEI	NUE (\$ MIL)	2014 NEW	VERAL	MANUFACTURE	POWER	WATER / SEUL	WS. / pr.	TRANSPOLEUM	HAZARDOU	TELECOM	% CM-AF-RISK
2015	2014	FIRM	TOTAL	INT'L	CONTRACTS	/ <sup>1</sup> / <sub>9</sub> / <sub>9</sub>	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	/ 0	/ <u>Z</u>	/ 🕷	/ £	/ ¾		/ %
351	386	RC ANDERSEN, East Rutherford, N.J.	161.9	0.0	91.0	100	0	0	0	0	0	0	0	0
352	344	FNF CONSTRUCTION INC., Tempe, Ariz.†	161.5	0.0	193.2	0	0	0	0	0	100	0	0	4
353	**	CAVA CONSTRUCTION, New York, N.Y.	159.0	0.0	340.3	100	0	0	0	0	0	0	0	100
354	**	GARCO CONSTRUCTION INC., Spokane, Wash.	159.0	0.0	173.0	67	13	0	8	6	6	0	0	28
355	251	FAGEN INC., Granite Falls, Minn.	158.2	0.0	283.7	2	0	9	0	89	0	0	0	0
356	329	EDWARD KRAEMER & SONS INC., Plain, Wis.	156.8	0.0	132.0	0	0	0	0	0	100	0	0	21
357	**	INTERSTATE HIGHWAY CONSTRUCTION INC., Englewood, Colo.	154.5	0.0	154.5	0	0	0	0	0	100	0	0	0
358	374	ENTACT, Grapevine, Texas	154.0	0.0	76.0	0	0	0	0	1	0	99	0	0
359	367	BERGLUND CONSTRUCTION, Chicago, III.	153.0	0.0	185.0	85	8	0	0	7	0	0	0	59
360	337	GAMMA CONSTRUCTION CO., Houston, Texas	153.0	0.0	220.0	100	0	0	0	0	0	0	0	23
361	392	KRAEMER BROTHERS LLC, Plain, Wis.	152.0	0.0	152.0	89	0	0	0	11	0	0	0	56
362	278	FRANA COS. INC., Hopkins, Minn.	151.5	0.0	160.2	100	0	0	0	0	0	0	0	0
363	327	ABSHER CONSTRUCTION CO., Puyallup, Wash. T	151.4	0.0	192.2	100	0	0	0	0	0	0	0	0
364	382	THE JAYNES COS., Albuquerque, N.M.†	151.4	0.0	132.7	100	0	0	0	0	0	0	0	35
365	311	CG SCHMIDT INC., Milwaukee, Wis.	150.2	0.0	NA	100	0	0	0	0	0	0	0	81
366	**	CURRENT BUILDERS CONSTRUCTION SERV. INC., Pompano Beach, Fla.	149.0	0.0	85.0	100	0	0	0	0	0	0	0	100
367	**	THE GREAT LAKES CONSTRUCTION CO., Hinckley, Ohio†	148.9	0.0	87.8	3	0	2	19	20	54	0	0	0
368	398	RICE LAKE CONSTRUCTION GROUP, Deerwood, Minn.†	148.9	47.1	242.8	6	0	0	89	5	0	0	0	2
369	325	PCIROADS LLC, St. Michael, Minn.	148.4	0.0	171.0	0	0	0	8	0	92	0	0	0
370	333	BYRNE CONSTRUCTION SERVICES, Fort Worth, Texas	148.2	0.0	193.1	84	0	0	0	0	16	0	0	80
371	347	J.D. ABRAMS LP, Austin, Texas <sup>T</sup>	147.6	0.0	259.6	100	0	0	0	0	100	0	0	0
372	200	TRIBBLE & STEPHENS CONSTRUCTION LTD., Houston, Texas	146.9	0.0	152.4	100	0	0	0	0	0	0	0	15
373 374	396	TRI-NORTH BUILDERS INC., Madison, Wis.	146.2	0.0	157.8	100	0	0	0	0	0	0	0	29
374	288	R.D. OLSON CONSTRUCTION, Irvine, Calif.	145.0	0.0	311.2	100	0	0	0	0	8	0	0	0
376	338	LEIDOS, Reston, Va.†	143.3 143.1	0.0	86.9	97	0	0	0	48	0	0	0	98
377	**	T.N. WARD CO., Ardmore, Pa.  MYCON GENERAL CONTRACTORS, McKinney, Texas	143.1	0.0	164.0	100	0	0	0	0	0	0	0	0
378	368	DOSTER CONSTRUCTION CO. INC., Birmingham, Ala. †	142.9	0.0	180.1	97	3	0	0	0	0	0	0	70
379	**	T. D. FARRELL CONSTRUCTION INC., Alpharetta, Ga.	141.2	0.0	115.9	100	0	0	0	0	0	0	0	0
380	**	W.H. BASS INC., Johns Creek, Ga.	141.0	0.0	137.0	100	0	0	0	0	0	0	0	0
381	385	GEORGE W. AUCH CO., Pontiac, Mich.	140.3	0.0	166.3	100	0	0	0	0	0	0	0	82
382	332	NOVAK CONSTRUCTION CO., Chicago, III.	140.0	0.0	134.0	100	0	0	0	0	0	0	0	29
383	0.00	REMEDIAL CONSTRUCTION SERVICES LP, Houston, Texas	140.0	35.0	92.0	0	1	2	0	97	0	0	0	0
384	381	EMBREE CONSTRUCTION GROUP INC., Georgetown, Texas	139.7	0.0	139.8	100	0	0	0	0	0	0	0	0
385	**	STEVENS CONSTRUCTION CORP., Madison, Wis.	139.2	0.0	141.3	100	0	0	0	0	0	0	0	0
386	**	RIDGEMONT COMMERCIAL CONSTRUCTION, Irving, Texas	139.0	0.0	106.0	100	0	0	0	0	0	0	0	0
387	**	RUSSELL CONSTRUCTION CO. INC., Davenport, lowa <sup>†</sup>	139.0	0.0	130.0	95	5	0	0	0	0	0	0	24
388	**	ROSENBERGER CONSTRUCTION, Sugar Land, Texas	138.8	0.0	81.9	81	0	0	0	19	0	0	0	0
389	379	HUNZINGER CONSTRUCTION CO., Brookfield, Wis.	138.6	0.0	73.4	100	0	0	0	0	0	0	0	27
390	**	DEANGELIS DIAMOND CONSTR. I HEALTHCARE GROUP, Naples, Fla.†	137.0	4.0	178.0	100	0	0	0	0	0	0	0	22
391	**	ROSS GROUP, Tulsa, Okla.†	137.0	0.0	140.0	81	9	0	0	10	0	0	0	11
392	376	CTA CONSTRUCTION CO. INC., Waltham, Mass.	136.3	0.0	NA	100	0	0	0	0	0	0	0	0
393	**	SINANIAN DEVELOPMENT INC. DBA SINANIAN, Tarzana, Calif.†	135.0	0.0	125.0	100	0	0	0	0	0	0	0	13
394	339	DAVIS CONSTRUCTORS & ENGINEERS INC., Anchorage, Ark.†	134.8	0.0	64.9	100	0	0	0	0	0	0	0	34
395	388	PKF-MARK III INC., Newtown, Pa.	134.7	0.0	215.3	0	0	0	2	0	98	0	0	0
396	302	SOLTEK PACIFIC CONSTRUCTION CO., San Diego, Calif.†	134.6	0.0	65.7	100	0	0	0	0	0	0	0	0
397	**	HAROLD O'SHEA BUILDERS INC., Springfield, III.	133.0	0.0	2.0	100	0	0	0	0	0	0	0	77
398	**	DRYMALLA CONSTRUCTION CO. INC., Columbus, Texas	132.0	0.0	200.0	100	0	0	0	0	0	0	0	30
399	**	KELLEY CONSTRUCTION INC., Louisville, Ky.	132.0	0.0	164.0	74	0	11	0	14	0	0	0	88
400	**	THE GEORGE SOLLITT CONSTRUCTION CO., Wood Dale, III.	132.0	0.0	121.3	100	0	0	0	0	0	0	0	0

### Where To Find the Top 400

FIRM	RANK	FIRM	RANK	FIRM	RANK	FIRM	RANK
٨		Burns & McDonnell	61	DeAngelis Diamond Construction   Healthcare		Great Lakes Dredge & Dock Corp.	66
<u>A</u>		Butz Enterprises Inc.	219	Group	390	Grunley Construction Co. Inc.	185
J.D. Abrams LP	371	Byrne Construction Services	370	Dellbrook/JK Scanlan	244		
Absher Construction Co.	363	_,		The Dennis Engineering Group LLC	155	Н	
Adolfson & Peterson Construction	77	С		Devcon Construction Inc.	49		
AECOM	7			PJ Dick-Trumbull-Lindy Paving	74	H&M Co. Inc.	167
Aegion Corp.	62	Caddell Construction Co. (DE) LLC	181	Dimeo Construction Co.	183	The Hanover Co.	130
Alberici Corp.	53	Cajun Industries LLC	133	Donohoe Construction Co.	283	B.L. Harbert International LLC	78
Alston Construction Co.	134	Callahan Inc.	337	Doster Construction Co. Inc.	378	Harkins Builders Inc.	255
Amec Foster Wheeler	65	Cardi Corp.	246	DPR Construction	21	Harper Construction Co. Inc.	330
American Bridge Co.	122	Carothers Construction Inc.	322	C.W. Driver Cos.	94	David E. Harvey Builders Inc.	30
Americon Construction Inc.	336	Jay Cashman Inc.	233	Drymalla Construction Co. Inc.	398	Haselden Construction LLC	258
Ames Construction Inc.	57	Catamount Constructors Inc.	197	Duke Construction	91	Haskell	114
S.J. Amoroso Construction Co. Inc.	331	Cava Construction	353	JE Dunn Construction Group	22	Hathaway Dinwiddie Construction	95
Andersen Construction	172	CB&I	4			Hawaiian Dredging Construction Co. Inc.	121
RC Andersen	351	CCC Group Inc.	128	E		Hawkins Construction Co.	320
Anderson Columbia Co. Inc.	135	CDI Contractors LLC	292	-		Haydon Building Corp.	266
ARCO Construction Cos.	83	CDM Smith	171	ECC	163	Hensel Phelps	23
Aristeo Construction Co.	203	Chanen Construction Co. Inc.	239	Elford Inc.	272	Herzog Cos.	113
George W. Auch Co.	381	William Charles Construction LLC	187	Elkhorn Holdings	141	Hill & Wilkinson General Contractors	151
Austin Industries	35	China Construction America	32	Embree Construction Group Inc.	384	HITT Contracting Inc.	64
AvalonBay Communities Inc.	82	Choate Construction Co.	89	EMJ Corp.	101	Hoar Construction LLC	126
,		The Christman Co.	111	ENTACT	358	Hoffman Corp.	37
В		The Cianbro Cos.	119	Engineered Structures Inc. (ESI)	251	Holder Construction Co.	36
		LPCiminelli Inc.	165	Executive Construction Inc.	316	Holland Construction Inc.	180
The Babcock & Wilcox Co.	60	Cives Steel Co.	177	Exxel Pacific Inc.	310	Holt Construction Corp.	248
Balfour Beatty US	11	Clancy & Theys Construction Co.	209	_		E.W. Howell Co. LLC	243
Barnard Construction Co. Inc.	160	Clark Construction	348	F		The Hubbard Group Inc.	158
Barnhill Contracting Co.	179	Clark Construction Group	15	Fagen Inc.	355	Hunter Roberts Construction Group	85
Barr & Barr Inc.	253	Clayco Inc.	52	T. D. Farrell Construction Inc.	379	Hunzinger Construction Co.	389
Bartlett Cocke General Contractors	139	Clune Construction Co.	117	FCI Constructors Inc.	226		
Barton Malow Co.	42	Coakley & Williams Construction Inc.	298	FCL Builders LLC	293		
W.H. Bass Inc.	380	Coastal Construction Group	73	Ferreira Construction Co. Inc.	309	INAC Company of the control of the c	000
Batson-Cook Co.	148	Colas USA	45	Ferrovial US Construction Corp.	40	IMC Construction	329
BBL Construction Services LLC	198	Columbia Construction Co.	290	J.H. Findorff & Son Inc.	138	INTECH Construction LLC	230
BCCI Construction Co.	333	Commercial Contracting Group	204	Flatiron Construction Corp.	51	Interstate Highway Construction Inc.	357
Bechtel	1	Commodore Builders	271	Flintco LLC	71	J	
The Beck Group	86	The Conlan Co.	127	Fluor Corp.	2	<u> </u>	
Berglund Construction	359	Consigli Construction Co. Inc.	70	FNF Construction Inc.	352	Jacobs	10
Bernards	125	Construction Enterprises Inc.	338	Forrester Construction Co.	317	Jacobsen Construction Co. Inc.	137
The Bette Cos.	285	Conti Group	225	Fort Myer Construction Corp.	315	The Jaynes Cos.	364
Big-D Construction Corp.	115	Continental Building Systems	291	Fortis Construction Inc.	223	Jingoli - DCO	184
Bilfinger Industrial Services North America	67	Contrack International Inc.	238	Frana Cos. Inc.	362	Joeris General Contractors Ltd.	168
Black & Veatch	39	Corval Group	294			GE Johnson Construction Co.	156
Blythe Development Co.	323	J. Fletcher Creamer & Son Inc.	191	G		O.C. Jones and Sons Inc.	346
BMWC Constructors Inc.	240	Crossland Construction Co. Inc.	81			Jordan Foster Construction	140
BNBuilders	280	Crowder Construction Co.	273	Gamma Construction Co.	360	W. M. Jordan Co.	193
Boh Bros. Construction Co. LLC	227	CTA Construction Co. Inc.	392	Garco Construction Inc.	354		
The Boldt Co.	69	J.P. Cullen & Sons Inc.	196	Garney Holding Co.	107	K	
Bowen Engineering Corp.	254	Current Builders Construction		Gemma Power Systems	182		
Bradbury Stamm Construction Inc.	327	Services Inc. & Susidiaries	366	Ghilotti Construction	302	M.B. Kahn Construction Co. Inc.	307
Brahma Group Inc.	234			Gilbane Building Co.	16	Kaiser Foundation Health Plan Inc.	132
The Branch Group Inc.	176	D		GLY Construction Inc.	153	Kajima Building & Design Group Inc.	164
Brasfield & Gorrie L.L.C.	27	-		Gotham Construction Co. LLC	270	KAST Construction	295
Brayman Construction Corp.	325	Davis Constructors & Engineers Inc.	394	Granger Construction Co.	261	KBE Building Corp.	301
Brinkmann Constructors	211	James G. Davis Construction Corp.	112	Granite Construction Inc.	26	KBR	12
Vance Brown Inc.	245	Day & Zimmermann	44	Gray Construction	93	Kelley Construction Inc.	399
Build Group Inc.	199	dck Worldwide LLC	80	Graycor	110	Key Construction Inc.	242
Bulley & Andrews LLC	222	Deacon Corp.	175	The Great Lakes Construction Co.	367	Kiewit Corp.	5



### Where To Find the Top 400

FIRM	RANK	FIRM	RANK	FIRM	RANK	FIRM	RANK
Kinsley Construction Inc.	169	Miron Construction Co. Inc.	105	R		Summit Contracting Group Inc.	344
Kitchell Corp.	149	Monadnock Construction Inc.	289	П		Sundt Construction Inc.	75
Klinger Cos. Inc.	224	The Morganti Group Inc.	284	R&O Construction	212	Superior Construction Holding Co. Inc.	300
Knutson Construction	201	Morley Builders	256	RailWorks Corp.	92	Swinerton Inc.	34
Albert C. Kobayashi Inc.	268	Mortenson Construction	18	Ratcliff Cos.	342		
Kokosing Inc.	68	MW Builders	318	E.E. Reed Construction LP	146	T	
KPRS Construction Services Inc.	249	MWH Global	154	Remedial Construction Services LP	383		
Kraemer Brothers LLC	361	MYCON General Contractors	377	Southland-Holdings	124	Tarlton Corp.	332
Edward Kraemer & Sons Inc.	356	Allan Myers	118	Rice Lake Construction Group	368	Teichert Construction	208
Kraus-Anderson Construction Co.	116			Ridgemont Commercial Construction	386	Tellepsen	102
		N		RJM Construction	286	Torcon Inc.	178
				Robins & Morton	88	Traylor Bros. Inc.	202
		Nabholz Construction Corp.	159	Rockford Construction	162	Tribble & Stephens Construction, Ltd.	372
Lane Industries Inc.	41	Nan Inc.	264	Rodgers Builders Inc.	231	Tri-North Builders Inc.	373
Las Vegas Paving Corp.	173	New Enterprise Stone & Lime Co. Inc.	217	Rogers-O'Brien Construction	229	The Turner Corp.	3
The Lauren Corp.	263	New South Construction Co. Inc.	279	Roncelli Inc.	250	Turner Industries Group LLC	24
Layne Christensen Co.	79	Nibbi Brothers General Contractors	299	Rosenberger Construction	388	Tutor Perini Corp.	14
Layton Construction Co. Inc.	76	Novak Construction Co.	382	Ross Group	391	1.1	
Lease Crutcher Lewis	192			RQ Construction LLC	339	U	
LeChase Construction Services LLC	99	0		The Rudolph/Libbe Cos. Inc.	145	Ulliman Schutte Construction LLC	313
Ledcor Group	220	0&G Industries Inc.	210	The Ruhlin Co.	306	Olliman Schatte Construction ELC	313
Lee Kennedy Co.	241	Odebrecht Construction Inc.	235	Russell Construction Co. Inc.	387	V	
Leidos	375	OHL USA Inc.	55	Rvan Cos. US Inc.	59		
The Lemoine Co. LLC	260	Okland Construction Co. Inc.	104	Rycon Construction Inc.	350	VCC LLC	96
Lend Lease	19	R.D. Olson Construction	374	Hycon construction inc.	330	Vecellio Group Inc.	216
Leopardo Cos. Inc.	213	Oltmans Construction Co.	188	S			
Level 10 Construction	106	O'Neal Inc.	340	<u> </u>		W	
Lee Lewis Construction Inc.	143	O'Neil Industries Inc.	109	S&B Engineers and Constructors Ltd. and Aff	iliates 97		0.40
Linbeck Group LLC	206	Orion Marine Group Inc.	174	Samet Corp.	257	Wagman	349
Loenbro Inc.	324	Harold O'Shea Builders Inc.	397	Satterfield & Pontikes Construction Inc.	186	Walbridge	38
	287	C. Overaa & Co.	265	Sauer Inc.	347	The Walsh Group Ltd.	13
Lusardi Construction Co.		o. ovolaa d oo.	200	Saulsbury Industries	98	The Walsh Group	275
Lydig Construction Inc.	228	P		Saunders Construction Inc.	166	T.N. Ward Co.	376
Lyles Construction Group	282	-		CG Schmidt Inc.	365	Webcor Builders	50
М		Pankow Builders	161	Sellen Construction Co. Inc.	136	Weeks Marine Inc.	108
IVI		Paric Corp.	205	SEMA Construction Inc.	215	Weis Builders Inc.	194
M+W U.S. Inc.	48	Parkway Construction & Associates	341	Sevenson Environmental Services Inc.	334	The Weitz Co.	84
Manhattan Construction Group	47	Parsons	90	Shaw Construction	319	Wharton-Smith Inc.	305
Manson Construction Co.	189	F.H. Paschen, S.N. Nielsen & Associates LLC	103	Shawmut Design and Construction	63	The Whiting-Turner Contracting Co.	9
March Associates Construction Inc.	277	PC Construction Co.	147	Shelco LLC	237	F.A. Wilhelm Construction Co. Inc.	150
Market & Johnson Inc.	278	PCiRoads LLC	369	Shiel Sexton Co. Inc.	252	Williams Brothers Construction Co. Inc.	144
Martin-Harris Construction LLC	274	PCL Construction Enterprises Inc.	6	Shimmick Construction Co. Inc.	170	Williams Industrial Services Group LLC	214
Mascaro Construction Co. LP	311	The PENTA Building Group	207	Shook Construction Co.	312	S.M. Wilson & Co.	232
Massaro Construction Group	335	Pepper Construction Group	72	Sinanian Development Inc. dba Sinanian	393	Winter Construction	326
Matrix Service Co.	43	Performance Contractors Inc.	46	Skanska USA	8	Wohlsen Construction Co.	303
MATT Construction Corp.	304	GH Phipps Construction Cos.	269	Skender Construction	343	Wolverine Building Group Inc.	345
McCarthy Holdings Inc.	20	The Pike Cos. Ltd.	190	Sletten Cos.	314	Woodward Design+Build	288
McCarthy Improvement Co.	321	Pioneer General Contractors	308	C D Smith Construction	195	S.T. Wooten Corp.	296
McCormick Inc. & Subsidiaries	262	PKF-Mark III Inc.	395	Snyder Langston	142		
McGough Construction	129	Plant Construction Co. LP	236	The George Sollitt Construction Co.	400	Y	
James McHugh Construction Co.	131	Plaza Construction	54	Soltek Pacific Construction Co.	396		
MCM	276	Pogue Construction	259	SpawGlass Holding LP	120	The Yates Cos. Inc.	25
The McShane Cos.	87	Posillico Inc.	267	Stacy and Witbeck Inc.	157	7	
MEDCO Construction	297	Power Construction Co.	56	Stellar		Z	
Messer Construction Co.		Primoris Services Corp.	28		123	Zachry Construction Corp.	152
	58			Sterling Construction Co. Inc.	100	Zachry Group	29
CR Meyer	218	Q		Stevens Construction Corp.	385	,	23
Michels Corp.	33			Structure Tone	17		
The Middlesex Cos.	247 221	Q&D Construction Inc.  Quandel Enterprises Inc.	328	Suffolk Construction Co.	31 281		
Millie and Severson General Contractors			200	Sukut Construction LLC			