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Engineering News-Record

2016 Global Sourcebook

THE TOP 225 INTERNATIONAL DESIGN FIRMS

(BASED ON DESIGN REVENUE FROM PROJECTS OUTSIDE HOME COUNTRY)

RANK 2016	RANK 2015	FIRM	TYPE OF FIRM	2015 INT'L REVENUE		GEN. BLDG.	MFG.	MARKETS (% OF 2015 REVENUE)						
				IN \$ MIL.	% OF TOTAL REV.			POWER	WATER SUPPLY	SEWER/ WASTE	INDUS./ PETRO.	TRANSP.	HAZ. WASTE	TELE- COM
1	6	WSP GLOBAL INC., Montreal, Quebec, Canada	E	4,026.8	84	27	1	14	1	1	4	47	1	0
2	3	ARCADIS NV, Amsterdam, The Netherlands	E	3,466.0	91	38	2	2	9	2	4	18	19	0
3	2	WORLEYPARSONS, North Sydney, NSW, Australia	EC	3,455.8	89	0	0	9	0	0	83	2	2	0
4	5	JACOBS, Pasadena, Calif., U.S.A.	EAC	2,930.0	48	13	3	5	4	2	46	19	8	1
5	1	AECOM, Los Angeles, Calif., U.S.A.	EA	2,712.4	36	27	0	4	8	5	3	37	15	0
6	4	FUGRO NV, Leidschendam, The Netherlands	GE	2,464.0	95	9	0	6	2	0	77	2	0	2
7	8	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS), Cairo, Egypt	EA	2,412.7	100	50	0	3	2	3	5	36	0	1
8	7	FLUOR CORP., Irving, Texas, U.S.A.	EC	2,119.6	65	1	1	1	0	0	94	0	3	0
9	14	MOTT MACDONALD, Croydon, Surrey, U.K.	E	1,564.4	70	10	0	9	7	8	23	34	1	1

THE TOP 150 GLOBAL DESIGN FIRMS

(BASED ON TOTAL FIRM DESIGN REVENUE)

RANK 2016	RANK 2015	FIRM	TYPE OF FIRM	2015 INT'L REVENUE		GEN. BLDG.	MFG.	MARKETS (% OF 2015 REVENUE)						
				TOTAL (\$ MIL.)	INTL. (\$ MIL.)			POWER	WATER SUPPLY	SEWER/ WASTE	INDUS./ PETRO.	TRANSP.	HAZ. WASTE	TELE- COM
1	1	AECOM, Los Angeles, Calif., U.S.A.	EA	7,627.9	2,712.4	19	0	5	7	4	6	38	22	0
2	3	POWER CONSTRUCTION CORP. OF CHINA, Beijing, China	EC	6,309.6	651.2	5	0	85	3	0	0	3	0	1
3	2	JACOBS, Pasadena, Calif., U.S.A.	EAC	6,070.0	2,930.0	14	4	4	2	1	40	21	12	2
4	4	WSP GLOBAL INC., Montreal, Quebec, Canada	E	4,800.6	4,026.8	26	0	13	2	1	7	44	1	1
14	13	CB&I INC., The Woodlands, Texas, U.S.A.	EC	2,483.4	982.1	0	0	3	0	0	84	0	0	0
15	16	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS), Cairo, Egypt	EA	2,414.5	2,412.7	50	0	3	2	3	5	36	0	1
16	19	CHINA RAILWAY CONSTRUCTION CO. LTD., Beijing, China	EC	2,310.0	8.0	25	4	0	4	0	0	61	0	0
17	20	MOTT MACDONALD, Croydon, Surrey, U.K.	E	2,235.8	1,564.4	13	0	11	6	9	17	36	1	1

THE TOP 10 INTERNATIONAL DESIGN FIRMS BY REGION

RANK		MIDDLE EAST	
2016	2015	Top 10 Revenue: \$5,142.0 Mil. Sector's Revenue: \$12,030.3 Mil.	
1	1	DAR AL-HANDASAH CONSULTANTS	
2	2	TECNICAS REUNIDAS	
3	3	AECOM	
4	10	WORLEYPARSONS	
5	5	KHATIB & ALAMI	
6	9	PETROFAC LTD.	
7	7	PARSONS	
8	4	ATKINS	
9	**	SNC-LAVALIN INC.	
10	**	ARCADIS NV	

RANK		AFRICA	
2016	2015	Top 10 Revenue: \$1,478.7 Mil. Sector's Revenue: \$4,022.6 Mil.	
1	3	MOTT MACDONALD	
2	5	DAR AL-HANDASAH CONSULTANTS	
3	9	SNC-LAVALIN INC.	
4	4	AURECON	
5	6	FUGRO NV	
6	1	POWER CONSTRUCTION CORP. OF CHINA	
7	**	SMEC	
8	**	EGIS	
9	10	AECOM	
10	**	ROYAL HASKONINGDHV	

RANK		UNITED STATES	
2016	2015	Top 10 Revenue: \$8,639.6 Mil. Sector's Revenue: \$10,879.4 Mil.	
1	3	WSP GLOBAL INC.	
2	1	ARCADIS NV	
3	4	WORLEYPARSONS	
4	5	STANTEC	
5	6	CARDNO LTD.	
6	8	DAR AL-HANDASAH CONSULTANTS	
7	**	MOTT MACDONALD	
8	7	FUGRO NV	
9	9	ATKINS	
10	10	GHD	

Transportation

TOP INTERNATIONAL DESIGN FIRMS

TRANSPORTATION

RANK	FIRM	REVENUE (\$ MIL.**)
1	WSP PARSONS BRINCKERHOFF	1,910.8
2	AECOM	1,007.2
3	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	879.2
4	ARCADIS NV	620.0
5	CH2M	582.1

HIGHWAYS

RANK	FIRM	REVENUE (\$ MIL.**)
1	WSP PARSONS BRINCKERHOFF	813.6
2	AECOM	432.9
3	EGIS	301.2
4	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	290.0
5	CH2M	270.6

BRIDGES

RANK	FIRM	REVENUE (\$ MIL.**)
1	AECOM	169.0
2	WSP PARSONS BRINCKERHOFF	153.7
3	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	139.9
4	COWI A/S	84.2
5	CH2M	67.2

AIRPORTS

RANK	FIRM	REVENUE (\$ MIL.**)
1	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	238.6
2	AECOM	131.1
3	ARUP	98.8
4	WSP PARSONS BRINCKERHOFF	71.8
5	MOTT MACDONALD	58.0

MASS TRANSIT AND RAIL

RANK	FIRM	REVENUE (\$ MIL.**)
1	WSP PARSONS BRINCKERHOFF	808.0
2	SYSTRA	400.1
3	MOTT MACDONALD	274.2
4	JACOBS	250.0
5	ATKINS	238.8
6	AECOM	226.0
7	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	193.4

MARINE AND PORT FACILITIES

RANK	FIRM	REVENUE (\$ MIL.**)
1	CHINA COMMUNICATIONS CONSTRUCTION GROUP LTD.	183.4
2	ROYAL HASKONINGDHV	123.0
3	COWI A/S	69.1

16	NIPPON KOEI GROUP	18.3
17	SENER INGENIERÍA Y SISTEMAS SA	17.3
18	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	17.2
19	WSP PARSONS BRINCKERHOFF	15.2

Petroleum

TOP INTERNATIONAL DESIGN FIRMS

PETROLEUM

RANK	FIRM	REVENUE (\$ MIL.**)
1	WORLEYPARSONS	2,689.7
2	FUGRO NV	1,889.0
3	FLUOR CORP.	1,757.8
4	TECNICAS REUNIDAS	1,400.1
5	JACOBS	850.0
6	KBR	778.0
7	SNC-LAVALIN INC.	751.7
24	SINOPEC ENGINEERING (GROUP) CO. LTD.	126.5
25	AEGION CORP.	119.0
26	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	115.1
27	STANTEC INC.	108.3
28	CHINA PETROLEUM ENGINEERING CO. LTD.	98.0

PIPELINES

RANK	FIRM	REVENUE (\$ MIL.**)
1	WORLEYPARSONS	319.2
2	MOTT MACDONALD	273.5
3	CHINA PETROLEUM PIPELINE ENGINEERING CORP.	162.7
4	TETRA TECH INC.	157.0
5	CH2M	131.9
6	AEGION CORP.	119.0
7	CDI CORP.	88.5
8	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	78.1
9	HATCH LTD	65.2

MAINTENANCE

RANK	FIRM	REVENUE (\$ MIL.**)
1	PETROFAC LTD.	118.0
2	CH2M	42.0
3	JACOBS	40.0
4	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	35.2
5	FLUOR CORP.	30.1

General Buliding

TOP INTERNATIONAL DESIGN FIRMS

GENERAL BUILDING		
RANK	FIRM	REVENUE (\$ MIL.**)
1	ARCADIS NV	1,312.0
2	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	1,196.8
3	WSP PARSONS BRINCKERHOFF	1,069.3
4	AECOM	740.8
EDUCATION		
RANK	FIRM	REVENUE (\$ MIL.**)
1	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	171.8
2	STANTEC INC.	98.4
3	WSP PARSONS BRINCKERHOFF	85.9
4	AECOM	82.4
HOTELS, MOTELS AND CONVENTION CENTERS		
RANK	FIRM	REVENUE (\$ MIL.**)
1	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	89.1
2	WSP PARSONS BRINCKERHOFF	60.7
3	ATKINS	50.2
4	AECOM	45.9
RELIGIOUS AND CULTURAL		
RANK	FIRM	REVENUE (\$ MIL.**)
1	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	342.0
2	ARUP	52.0
3	AECOM	24.1
4	RAMBOLL GROUP A/S	17.4
HEALTHCARE		
RANK	FIRM	REVENUE (\$ MIL.**)
1	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	199.4
2	WSP PARSONS BRINCKERHOFF	122.1
3	AECOM	117.2
4	STANTEC INC.	112.5
RETAIL		
RANK	FIRM	REVENUE (\$ MIL.**)
1	WSP PARSONS BRINCKERHOFF	155.3
2	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	59.7
3	RAMBOLL GROUP A/S	34.7
4	AEDAS	25.1

COMMERCIAL OFFICES AND BANKS

RANK	FIRM	REVENUE (\$ MIL.**)
1	ARUP	198.6
2	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	170.5
3	WSP PARSONS BRINCKERHOFF	151.1
MULTI-UNIT RESIDENTIAL		
RANK	FIRM	REVENUE (\$ MIL.**)
1	WSP PARSONS BRINCKERHOFF	207.2
2	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	67.3
3	AECOM	59.4
CORRECTIONAL		
RANK	FIRM	REVENUE (\$ MIL.**)
1	AECOM	13.1
2	JACOBS	10.0
3	HDR	8.4
4	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	7.9
5	RAMBOLL GROUP A/S	6.9
GOVERNMENT OFFICES		
RANK	FIRM	REVENUE (\$ MIL.**)
1	JACOBS	130.0
2	AECOM	128.8
3	PROGER SPA	99.2
4	WSP PARSONS BRINCKERHOFF	70.8
5	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	53.5
SPORTS		
RANK	FIRM	REVENUE (\$ MIL.**)
1	AECOM	85.9
2	ARUP	66.2
3	WSP PARSONS BRINCKERHOFF	32.1
4	RAMBOLL GROUP A/S	31.3
5	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	26.1
DISTRIBUTION AND WAREHOUSE		
RANK	FIRM	REVENUE (\$ MIL.**)
1	BECHTEL	36.5
2	AECOM	29.0
3	ROYAL HASKONINGDHV	11.9
9	TEBODIN B.V.	4.0
10	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	3.2

Telecommunications

TOP INTERNATIONAL DESIGN FIRMS

TELECOMMUNICATIONS		
RANK	FIRM	REVENUE (\$ MIL.**)
1	FUGRO NV	52.0
2	POWER CONSTRUCTION CORP. OF CHINA	47.1
3	ARUP	24.4
4	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	21.6
TRANSMISSION LINES AND CABLING		
RANK	FIRM	REVENUE (\$ MIL.**)
1	POWER CONSTRUCTION CORP. OF CHINA	47.1
2	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	18.0

Power

POWER

RANK	FIRM	REVENUE (\$ MIL.**)
1	POWER CONSTRUCTION CORP. OF CHINA	597.8
32	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	71.7
33	CHINA POWER ENGINEERING CONSULTING GROUP CO. LTD.	66.9
TRANSMISSION AND DISTRIBUTION		
RANK	FIRM	REVENUE (\$ MIL.)
1	WSP PARSONS BRINCKERHOFF	101.6
2	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	61.1

Environmental

TOP INTERNATIONAL DESIGN FIRMS		
SEWER AND SOLID WASTE		
RANK	FIRM	REVENUE (\$ MIL.)*
1	MWH GLOBAL	235.0
2	CH2M	147.7
3	AECOM	143.8
9	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	77.1
SANITARY AND STORM SEWERS		
RANK	FIRM	REVENUE (\$ MIL.)*
1	PARSONS	137.4
2	MWH GLOBAL	79.8
3	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	67.2
4	MOTT MACDONALD	64.9
5	AECOM	63.0
SOLID WASTE		
RANK	FIRM	REVENUE (\$ MIL.)*
1	COWI A/S	29.5
2	TETRA TECH INC.	25.0
3	MOTT MACDONALD	9.4
6	STANTEC INC.	7.0
7	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	6.3
8	FICHTNER GMBH & CO. KG	5.3
WATER SUPPLY		
RANK	FIRM	REVENUE (\$ MIL.)*
1	ARCADIS NV	316.0
2	TETRA TECH INC.	227.0
3	AECOM	214.0
16	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	45.4
17	HATCH LTD.	44.6
TRANSMISSION LINES AND AQUEDUCTS		
RANK	FIRM	REVENUE (\$ MIL.)*
1	AECOM	62.6
2	ATKINS	53.3
3	MOTT MACDONALD	50.7
4	JACOBS	40.0
5	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	37.0
DAMS AND RESERVOIRS		
RANK	FIRM	REVENUE (\$ MIL.)*
1	TETRA TECH INC.	134.0
2	AECOM	93.7
12	ARTELIA	9.3
13	DAR AL-HANDASAH CONSULTANTS (SHAIR & PARTNERS)	5.5

Construction Management and Program Management

THE TOP 20 NON-U.S. FIRMS IN INTERNATIONAL CONSTRUCTION MANAGEMENT AND PROGRAM MANAGEMENT FEES*

RANK	FIRM	AGENCY CM FEES (\$ MIL)	PROGRAM MGMT. FEE (\$ MIL)	TOTAL CM / PM (\$ MIL)
1	WSP PARSONS BRINCKERHOFF, Montreal, Canada	526.1	534.9	1,061.0
2	ARCADIS NV, Amsterdam, The Netherlands	239.0	590.0	829.0
3	WORLEYPARSONS, North Sydney, Australia	671.3	104.2	775.5
4	ATKINS, Epsom, U.K.	0.0	339.1	339.1
5	LENDLEASE GROUP, Sydney, Australia	149.4	182.6	332.0
6	DAR AL-HANDASAH CONSULTANTS, Cairo, Egypt	240.3	0.0	240.3
7	SNC-LAVALIN INC., Montreal, Canada	175.1	0.0	175.1
8	KEO INTERNATIONAL CONSULTANTS WLL, Kuwait City, Kuwait	83.9	35.8	119.8
9	EHA CONSULTING ENGINEERS, Cairo, Egypt	96.0	0.0	96.0
10	PROJACS INTERNATIONAL, Manama, Bahrain	66.4	16.3	82.7

*BASED ON FEES FOR MANAGEMENT SERVICES PROVIDED ON A FEE-ONLY BASIS FOR PROJECTS OUTSIDE THE FIRM'S HOME COUNTRY

THE TOP 20 NON-U.S. FIRMS IN TOTAL GLOBAL CONSTRUCTION MANAGEMENT AND PROGRAM MANAGEMENT FEES*

RANK	FIRM	AGENCY CM FEES (\$ MIL)	PROGRAM MGMT. FEE (\$ MIL)	TOTAL CM / PM (\$ MIL)
1	WSP PARSONS BRINCKERHOFF, Montreal, Canada	659.7	603.4	1,263.1
2	ARCADIS NV, Amsterdam, The Netherlands	264.0	608.0	872.0
3	WORLEYPARSONS, North Sydney, Australia	748.4	114.7	863.1
4	CHINA POWER ENG'G CONSULTING GROUP CO. LTD., Beijing, China	752.2	0.0	752.2
5	ATKINS, EPSOM, U.K.	0.0	498.0	498.0
6	LENDLEASE GROUP, Sydney, Australia	215.8	249.0	464.8
7	SNC-LAVALIN INC., Montreal, Canada	464.4	0.0	464.4
8	ELLISDON CORP., Mississauga, Canada	378.6	0.0	378.6
9	ASTAD PROJECT MANAGEMENT, Doha, Qatar	51.1	200.0	251.1
10	DAR AL-HANDASAH CONSULTANTS, Cairo, Egypt	240.3	0.0	240.3

*BASED ON FEES FOR MANAGEMENT SERVICES PROVIDED ON A FEE-ONLY BASIS FOR ALL PROJECTS, DOMESTIC AND INTERNATIONAL

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