

EST NUMBER: WEBINDIR
RUN DATE.: 08/05/09 08:55am
DATA DATE.: SEPT 2009

SAMPLE LARGE INDIRECT COST ESTIMATE
ANYWHERE, ANYTOWN
ESTIMATE SUMMARY

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
PAGE: 1

DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
SAMPLE INDUSTRIAL PROJECT	192,132.0	10,494,954	1,466,480	2,522,267	7,472,390	21,956,091
*** TOTAL ESTIMATED COST ***	192,132.0	10,494,954	1,466,480	2,522,267	7,472,390	21,956,091

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SAMPLE INDUSTRIAL PROJECT SUMMARY - SAMPLE INDUSTRIAL PROJECT

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DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
PRIME EPC CONTRACTOR INDIRECTS	66,608.0	4,011,218	699,800	1,249,367	6,853,290	12,813,675
PRIME MECHANICAL CONTRACTOR INDIRECTS	39,934.0	3,826,456	384,550	916,300	516,400	5,643,706
PRIME ELECTRICAL CONTRACTOR INDIRECTS	85,590.0	2,657,280	382,130	356,600	102,700	3,498,710
*** SAMPLE INDUSTRIAL PROJECT ESTIMATED COST ***	192,132.0	10,494,954	1,466,480	2,522,267	7,472,390	21,956,091

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SAMPLE LARGE INDIRECT COST ESTIMATE
ANYWHERE, ANYTOWN
PRIME EPC CONTRACTOR INDIRECTS SUMMARY - SAMPLE INDUSTRIAL PROJECT

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
MOBILIZATION	64.0	3,200	180,400	0	12,000	195,600
JOB SITE STAFFING	50,960.0	3,093,522	0	0	0	3,093,522
TEMPORARY BUILDINGS AND CONSTRUCTION	32.0	1,113	2,000	36,000	0	39,113
TEMPORARY UTILITIES	4,884.0	67,948	112,200	0	50,940	231,088
CONSTRUCTION EQUIPMENT	4,152.0	150,635	0	1,213,367	0	1,364,002
JOB OFFICE EXPENSE	0.0	0	188,300	0	5,550	193,850
SMALL TOOLS AND CONSUMABLES	0.0	0	0	0	0	0
WEATHER PROTECTION	0.0	0	0	0	0	0
OUTSIDE SERVICES	0.0	0	0	0	272,800	272,800
INSURANCE, TAXES AND BONDS	0.0	0	200,900	0	0	200,900
HOME OFFICE SUPPORT	6,516.0	694,800	0	0	6,500,000	7,194,800
DEMOBILIZATION	0.0	0	16,000	0	12,000	28,000
ESCALATION	0.0	0	0	0	0	0
*** PRIME EPC CONTRACTOR INDIRECTS ESTIMATED COST ***	66,608.0	4,011,218	699,800	1,249,367	6,853,290	12,813,675

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
MOBILIZATION													
Move In Trailers	4	Each	0	0.0	0	0	0	0	0	0	500	2,000	2,000
Move In Cranes & Rigging Equipment	2	Pieces	0	0.0	0	0	0	0	0	0	5,000	10,000	10,000
Relocate Engineering Personnel	6	Each	0	0.0	0	0	5,000	30,000	0	0	0	0	30,000
Relocate Management Personnel	2	Each	0	0.0	0	0	5,000	10,000	0	0	0	0	10,000
Temp Living Expenses - Engineering	78	Weeks	0	0.0	0	0	800	62,400	0	0	0	0	62,400
Temp Living Expenses - Management	78	Weeks	0	0.0	0	0	1,000	78,000	0	0	0	0	78,000
Safety Training - Administration 8 People x 4 Hours	32	Manhr	1	32.0	50	1,600	0	0	0	0	0	0	1,600
Site Procedures Training-Administration 8 People x 4 Hours	32	Manhr	1	32.0	50	1,600	0	0	0	0	0	0	1,600
*** MOBILIZATION ESTIMATED COST ***				64.0		3,200		180,400		0		12,000	195,600
JOB SITE STAFFING													
Project Manager	78	Weeks	40	3,120.0	100	312,000	0	0	0	0	0	0	312,000
Project Engineer - Civil	52	Weeks	40	2,080.0	65	135,200	0	0	0	0	0	0	135,200
Project Engineer - Electrical	78	Weeks	40	3,120.0	65	202,800	0	0	0	0	0	0	202,800
Project Engineer - Mechanical Piping	78	Weeks	40	3,120.0	65	202,800	0	0	0	0	0	0	202,800
Assistant Project Engineer - Civil	52	Weeks	40	2,080.0	60	124,800	0	0	0	0	0	0	124,800
Assistant Project Engineer - Elect.	78	Weeks	40	3,120.0	60	187,200	0	0	0	0	0	0	187,200
Assistant Project Engineer - Mech.	78	Weeks	40	3,120.0	60	187,200	0	0	0	0	0	0	187,200
Scheduler	78	Weeks	40	3,120.0	75	234,000	0	0	0	0	0	0	234,000
Office Engineer	78	Weeks	40	3,120.0	50	156,000	0	0	0	0	0	0	156,000
Safety Officer	78	Weeks	40	3,120.0	50	156,000	0	0	0	0	0	0	156,000
Secretary	78	Weeks	40	3,120.0	35	109,200	0	0	0	0	0	0	109,200
Clerk/Typist	78	Weeks	40	3,120.0	25	78,000	0	0	0	0	0	0	78,000
Field Engineer	78	Weeks	40	3,120.0	50	156,000	0	0	0	0	0	0	156,000
Staff Nurse	78	Weeks	40	3,120.0	75	234,000	0	0	0	0	0	0	234,000
Warehouse Supervisor	78	Weeks	40	3,120.0	70	218,400	0	0	0	0	0	0	218,400
Warehouse Crew (Craft Labor)	78	Weeks	80	6,240.0	54.09	337,522	0	0	0	0	0	0	337,522
*** JOB SITE STAFFING ESTIMATED COST ***				50,960.0		3,093,522		0		0		0	3,093,522

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
TEMPORARY BUILDINGS AND CONSTRUCTION													
Job Office Trailers, Completely Furnished	36	Months	0	0.0	0	0	0	0	1,000	36,000	0	0	36,000
Project Sign	4	Each	8	32.0	34.77	1,113	500	2,000	0	0	0	0	3,113
*** TEMPORARY BUILDINGS AND CONSTRUCTION ESTIMATED COST ***				32.0		1,113		2,000		36,000		0	39,113
TEMPORARY UTILITIES													
Potable Water Hookup & Supply	18	Months	0	0.0	0	0	100	1,800	0	0	30	540	2,340
Construction Water Hookup & Supply	18	Months	0	0.0	0	0	250	4,500	0	0	0	0	4,500
Fire Protection Water Hookup & Supply	18	Months	0	0.0	0	0	50	900	0	0	0	0	900
Drinking Water & Ice Distribution	18	Months	44	792.0	23.95	18,968	0	0	0	0	0	0	18,968
Dust Control Water Application	390	Days	2	780.0	35.54	27,721	200	78,000	0	0	0	0	105,721
Temporary Power Distribution	18	Months	160	2,880.0	0	0	500	9,000	0	0	200	3,600	12,600
Area Lighting	18	Months	24	432.0	49.21	21,259	1,000	18,000	0	0	0	0	39,259
Temporary Electricity	18	Months	0	0.0	0	0	0	0	0	0	200	3,600	3,600
Portable Toilets - 32 Units	576	Months	0	0.0	0	0	0	0	0	0	75	43,200	43,200
*** TEMPORARY UTILITIES ESTIMATED COST ***				4,884.0		67,948		112,200		0		50,940	231,088
CONSTRUCTION EQUIPMENT													
Crane, 240 Ton - 100' Boom Length	4,152	Hours	1	4,152.0	36.28	150,635	0	0	247.15	1,026,167	0	0	1,176,802
Manitowoc 4600W Vicon 3 or Equivalent Pickup Truck - 3/4 Ton - 4 x 2	18,720	Hours	0	0.0	0	0	0	0	10	187,200	0	0	187,200
*** CONSTRUCTION EQUIPMENT ESTIMATED COST ***				4,152.0		150,635		0		1,213,367		0	1,364,002
JOB OFFICE EXPENSE													
Stationery & Office Supplies	18	Months	0	0.0	0	0	100	1,800	0	0	0	0	1,800
Engineering & Drafting Supplies	18	Months	0	0.0	0	0	50	900	0	0	0	0	900
Badging Supplies	18	Months	0	0.0	0	0	1,000	18,000	0	0	0	0	18,000
Telephone Hookup	6	Lines	0	0.0	0	0	0	0	0	0	100	600	600
Telephone Use Fees	18	Months	0	0.0	0	0	1,000	18,000	0	0	75	1,350	19,350
Postage/Delivery	18	Months	0	0.0	0	0	100	1,800	0	0	0	0	1,800
Copy Machine	2	Each	0	0.0	0	0	5,000	10,000	0	0	0	0	10,000
Copy Machine Supplies	18	Months	0	0.0	0	0	100	1,800	0	0	0	0	1,800

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
Blue Print Machine	1	Each	0	0.0	0	0	5,000	5,000	0	0	0	0	5,000
Blue Print Machine Supplies	18	Months	0	0.0	0	0	1,000	18,000	0	0	0	0	18,000
Computer	8	Each	0	0.0	0	0	2,500	20,000	0	0	0	0	20,000
Computer Supplies & Support	18	Months	0	0.0	0	0	100	1,800	0	0	200	3,600	5,400
Job Photographs	78	Weeks	0	0.0	0	0	400	31,200	0	0	0	0	31,200
Travel Expenses	30	Trips	0	0.0	0	0	1,000	30,000	0	0	0	0	30,000
Home Office Support Travel Expenses	30	Trips	0	0.0	0	0	1,000	30,000	0	0	0	0	30,000
*** JOB OFFICE EXPENSE ESTIMATED COST ***				0.0		0		188,300		0		5,550	193,850
OUTSIDE SERVICES													
Janitorial Services	18	Months	0	0.0	0	0	0	0	0	0	200	3,600	3,600
Security Services	78	Weeks	0	0.0	0	0	0	0	0	0	2,400	187,200	187,200
Substance Abuse Testing	200	Each	0	0.0	0	0	0	0	0	0	50	10,000	10,000
Dumpster Service, 30 CY Roll-off Unit	300	Loads	0	0.0	0	0	0	0	0	0	240	72,000	72,000
*** OUTSIDE SERVICES ESTIMATED COST ***				0.0		0		0		0		272,800	272,800
INSURANCE, TAXES AND BONDS													
Builders Risk 3000.00/Month	1	L Sum	0	0.0	0	0	200,000	200,000	0	0	0	0	200,000
Auto & Truck Registration/Licenses	6	Each	0	0.0	0	0	150	900	0	0	0	0	900
*** INSURANCE, TAXES AND BONDS ESTIMATED COST ***				0.0		0		200,900		0		0	200,900
HOME OFFICE SUPPORT													
Management Assistance	18	Months	16	288.0	250	72,000	0	0	0	0	0	0	72,000
Engineering Assistance	18	Months	173	3,114.0	150	467,100	0	0	0	0	0	0	467,100
Administrative Assistance	18	Months	173	3,114.0	50	155,700	0	0	0	0	0	0	155,700
Facility Design	1	L Sum	0	0.0	0	0	0	0	0	0	6,500,000	6,500,000	6,500,000
*** HOME OFFICE SUPPORT ESTIMATED COST ***				6,516.0		694,800		0		0		6,500,000	7,194,800
DEMOBILIZATION													
Move Out Trailers	4	Each	0	0.0	0	0	0	0	0	0	500	2,000	2,000
Move Out Cranes & Rigging Equipment	2	Pieces	0	0.0	0	0	0	0	0	0	5,000	10,000	10,000
Move Out Project Personnel	8	Each	0	0.0	0	0	2,000	16,000	0	0	0	0	16,000

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ANYWHERE, ANYTOWN
ESTIMATE DETAIL - SAMPLE INDUSTRIAL PROJECT

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
*** DEMOBILIZATION ESTIMATED COST ***				0.0		0		16,000		0		12,000	28,000

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SAMPLE LARGE INDIRECT COST ESTIMATE
ANYWHERE, ANYTOWN
PRIME MECHANICAL CONTRACTOR INDIRECTS SUMMARY - SAMPLE INDUSTRIAL PROJECT

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
PAGE: 8

DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
MOBILIZATION	912.0	36,224	170,400	0	14,800	221,424
JOB SITE STAFFING	40,800.0	2,238,946	0	0	0	2,238,946
TEMPORARY BUILDINGS AND CONSTRUCTION	1,636.0	31,849	40,600	108,000	0	180,449
TEMPORARY UTILITIES	250.0	13,523	10,000	36,000	0	59,523
CONSTRUCTION EQUIPMENT	18,950.0	677,210	0	772,300	0	1,449,510
JOB OFFICE EXPENSE	0.0	0	115,600	0	3,550	119,150
SMALL TOOLS AND CONSUMABLES	0.0	0	20,000	0	0	20,000
WEATHER PROTECTION	720.0	17,244	9,600	0	0	26,844
OUTSIDE SERVICES	31,950.0-	0	0	0	471,450	471,450
INSURANCE, TAXES AND BONDS	0.0	0	450	0	0	450
HOME OFFICE SUPPORT	7,816.0	792,300	3,900	0	0	796,200
DEMOBILIZATION	800.0	19,160	14,000	0	26,600	59,760
ESCALATION	0.0	0	0	0	0	0
FINANCE EXPENSE	0.0	0	0	0	0	0
CONTINGENCIES	0.0	0	0	0	0	0
*** PRIME MECHANICAL CONTRACTOR INDIRECTS ESTIMATED COST ***	39,934.0	3,826,456	384,550	916,300	516,400	5,643,706

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
MOBILIZATION													
Move In Construction Equipment	6	Pieces	0	0.0	0	0	0	0	0	0	500	3,000	3,000
Move In Tool Vans	2	Pieces	0	0.0	0	0	0	0	0	0	200	400	400
Move In Trailers	2	Each	0	0.0	0	0	0	0	0	0	500	1,000	1,000
Move In Cranes & Rigging Equipment	2	Pieces	0	0.0	0	0	0	0	0	0	5,000	10,000	10,000
Move In Small Tools & Consumables	4	Loads	0	0.0	0	0	0	0	0	0	100	400	400
Relocate Engineering Personnel	2	Each	0	0.0	0	0	5,000	10,000	0	0	0	0	10,000
Relocate Management Personnel	4	Each	0	0.0	0	0	5,000	20,000	0	0	0	0	20,000
Temp Living Expenses - Engineering	78	Weeks	0	0.0	0	0	800	62,400	0	0	0	0	62,400
Temp Living Expenses - Management	78	Weeks	0	0.0	0	0	1,000	78,000	0	0	0	0	78,000
Safety Training - Administration 6 People x 4 Hours	24	Manhr	1	24.0	50	1,200	0	0	0	0	0	0	1,200
Safety Training - Pipefitter 100 People x 4 Hours	400	Manhr	1	400.0	36.28	14,512	0	0	0	0	0	0	14,512
Safety Training - Supervision 8 People x 4 Hours	32	Manhr	1	32.0	75	2,400	0	0	0	0	0	0	2,400
Site Procedures Training-Administration 8 People x 4 Hours	24	Manhr	1	24.0	50	1,200	0	0	0	0	0	0	1,200
Site Procedures Training - Pipefitter 100 People x 4 Hours	400	Manhr	1	400.0	36.28	14,512	0	0	0	0	0	0	14,512
Site Procedures Training - Supervision 8 People x 4 Hours	32	Manhr	1	32.0	75	2,400	0	0	0	0	0	0	2,400
*** MOBILIZATION ESTIMATED COST ***				912.0		36,224		170,400		0		14,800	221,424
JOB SITE STAFFING													
Project Manager	78	Weeks	40	3,120.0	100	312,000	0	0	0	0	0	0	312,000
Project Engineer - Mechanical Piping	78	Weeks	40	3,120.0	65	202,800	0	0	0	0	0	0	202,800
Assistant Project Engineer - Mech.	78	Weeks	40	3,120.0	60	187,200	0	0	0	0	0	0	187,200
Safety Officer	78	Weeks	40	3,120.0	50	156,000	0	0	0	0	0	0	156,000
Secretary	78	Weeks	40	3,120.0	35	109,200	0	0	0	0	0	0	109,200
Clerk/Typist	78	Weeks	40	3,120.0	25	78,000	0	0	0	0	0	0	78,000
Mechanical Superintendent	78	Weeks	40	3,120.0	60	187,200	0	0	0	0	0	0	187,200
Field Engineer	78	Weeks	40	3,120.0	50	156,000	0	0	0	0	0	0	156,000
QA/QC Engineer - Mechanical	78	Weeks	40	3,120.0	50	156,000	0	0	0	0	0	0	156,000
Warehouseman	78	Weeks	40	3,120.0	36.18	112,882	0	0	0	0	0	0	112,882

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DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
Material Shakeout & Distribution Crew	60	Weeks	160	9,600.0	54.09	519,264	0	0	0	0	0	0	519,264
*** JOB SITE STAFFING ESTIMATED COST ***				40,800.0		2,238,946		0		0		0	2,238,946
TEMPORARY BUILDINGS AND CONSTRUCTION													
Job Office Trailers, Completely Furnished	36	Months	0	0.0	0	0	0	0	1,000	36,000	0	0	36,000
Change Houses & Tool Vans	36	Each	0	0.0	0	0	0	0	2,000	72,000	0	0	72,000
Project Sign	2	Each	8	16.0	34.77	556	500	1,000	0	0	0	0	1,556
Barricades & Fencing	18	Months	40	720.0	0	0	1,200	21,600	0	0	0	0	21,600
Scaffold - 200 Frames 18 Months	3,600	Frm/Mo	0.25	900.0	34.77	31,293	5	18,000	0	0	0	0	49,293
*** TEMPORARY BUILDINGS AND CONSTRUCTION ESTIMATED COST ***				1,636.0		31,849		40,600		108,000		0	180,449
TEMPORARY UTILITIES													
Air Distribution System - Compressed Air	1,000	Lin Ft	0.25	250.0	54.09	13,523	10	10,000	0	0	0	0	23,523
Diesel Generator	18	Each	0	0.0	0	0	0	0	2,000	36,000	0	0	36,000
*** TEMPORARY UTILITIES ESTIMATED COST ***				250.0		13,523		10,000		36,000		0	59,523
CONSTRUCTION EQUIPMENT													
Crane, 40 Ton - 34' to 136' Boom Length Grove RT-740 or Equivalent	1,560	Hours	1	1,560.0	36.28	56,597	0	0	125	195,000	0	0	251,597
Crane, 65 Ton - 36' to 146' Boom Length Grove RT-865 or Equivalent	780	Hours	1	780.0	36.28	28,298	0	0	175	136,500	0	0	164,798
Loader/Backhoe - 7/8 CY with 24" Bucket Case 480D CK or Equivalent	1,040	Hours	1	1,040.0	35.54	36,962	0	0	35	36,400	0	0	73,362
Pickup Truck - 3/4 Ton - 4 x 2	3,120	Hours	0	0.0	0	0	0	0	10	31,200	0	0	31,200
Pickup Truck - 1 Ton - 4 x 4	3,120	Hours	0	0.0	0	0	0	0	10	31,200	0	0	31,200
Flatbed Truck	18	Months	173	3,114.0	36.18	112,665	0	0	2,500	45,000	0	0	157,665
Knuckle Boom Unit	18	Months	173	3,114.0	35.54	110,672	0	0	3,500	63,000	0	0	173,672
Scissor Lift Unit	18	Months	173	3,114.0	35.54	110,672	0	0	3,500	63,000	0	0	173,672
Extended Reach Forklift	18	Months	173	3,114.0	35.54	110,672	0	0	2,500	45,000	0	0	155,672
Welding Unit - 4 Pack	18	Months	0	0.0	0	0	0	0	1,500	27,000	0	0	27,000
High Lift Unit	18	Months	173	3,114.0	35.54	110,672	0	0	500	9,000	0	0	119,672
Air Compressors	36	Months	0	0.0	0	0	0	0	2,500	90,000	0	0	90,000
*** CONSTRUCTION EQUIPMENT ESTIMATED COST ***				18,950.0		677,210		0		772,300		0	1,449,510

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
JOB OFFICE EXPENSE													
Stationery & Office Supplies	18	Months	0	0.0	0	0	100	1,800	0	0	0	0	1,800
Engineering & Drafting Supplies	18	Months	0	0.0	0	0	50	900	0	0	0	0	900
Safety Supplies	18	Months	0	0.0	0	0	1,500	27,000	0	0	0	0	27,000
Telephone Hookup	4	Lines	0	0.0	0	0	0	0	0	0	100	400	400
Telephone Use Fees	18	Months	0	0.0	0	0	200	3,600	0	0	75	1,350	4,950
Postage/Delivery	18	Months	0	0.0	0	0	100	1,800	0	0	0	0	1,800
Copy Machine	2	Each	0	0.0	0	0	5,000	10,000	0	0	0	0	10,000
Copy Machine Supplies	18	Months	0	0.0	0	0	100	1,800	0	0	0	0	1,800
Computer	6	Each	0	0.0	0	0	2,500	15,000	0	0	0	0	15,000
Computer Supplies & Support	9	Months	0	0.0	0	0	100	900	0	0	200	1,800	2,700
Job Photographs	78	Weeks	0	0.0	0	0	100	7,800	0	0	0	0	7,800
Travel Expenses	30	Trips	0	0.0	0	0	500	15,000	0	0	0	0	15,000
Home Office Support Travel Expenses	30	Trips	0	0.0	0	0	1,000	30,000	0	0	0	0	30,000
*** JOB OFFICE EXPENSE ESTIMATED COST ***				0.0		0		115,600		0		3,550	119,150
SMALL TOOLS AND CONSUMABLES													
Small Tools	16	Months	0	0.0	0	0	500	8,000	0	0	0	0	8,000
Consumables	16	Months	0	0.0	0	0	750	12,000	0	0	0	0	12,000
*** SMALL TOOLS AND CONSUMABLES ESTIMATED COST ***				0.0		0		20,000		0		0	20,000
WEATHER PROTECTION													
Winter Protection	6	Months	40	240.0	23.95	5,748	1,000	6,000	0	0	0	0	11,748
Summer Protection	12	Months	40	480.0	23.95	11,496	300	3,600	0	0	0	0	15,096
*** WEATHER PROTECTION ESTIMATED COST ***				720.0		17,244		9,600		0		0	26,844
OUTSIDE SERVICES													
Principal Engineer	1,560	Hours	0	0.0	0	0	0	0	0	0	70	109,200	109,200
20 Hours/Week													
Senior Engineering Technician	3,900	Hours	0	0.0	0	0	0	0	0	0	40	156,000	156,000
50 Hours/Week													
Engineering Technician	3,900	Hours	0	0.0	0	0	0	0	0	0	35	136,500	136,500
50 Hours/Week													
Pickup Truck	40,000	Mile	0	0.0	0	0	0	0	0	0	0.45	18,000	18,000

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
Janitorial Services	18	Months	0	0.0	0	0	0	0	0	0	200	3,600	3,600
Substance Abuse Testing	300	Each	0	0.0	0	0	0	0	0	0	50	15,000	15,000
*** OUTSIDE SERVICES ESTIMATED COST ***				31,950.0		0		0		0		471,450	471,450
INSURANCE, TAXES AND BONDS													
Auto & Truck Registration/Licenses	3	Each	0	0.0	0	0	150	450	0	0	0	0	450
*** INSURANCE, TAXES AND BONDS ESTIMATED COST ***				0.0		0		450		0		0	450
HOME OFFICE SUPPORT													
Management Assistance	18	Months	16	288.0	250	72,000	0	0	0	0	0	0	72,000
Engineering Assistance	18	Months	173	3,114.0	150	467,100	0	0	0	0	0	0	467,100
Administrative Assistance	18	Months	173	3,114.0	50	155,700	0	0	0	0	0	0	155,700
Shop Drawing Preparation & Submittal	1,300	Hours	1	1,300.0	75	97,500	3	3,900	0	0	0	0	101,400
*** HOME OFFICE SUPPORT ESTIMATED COST ***				7,816.0		792,300		3,900		0		0	796,200
DEMOBILIZATION													
Move-out Construction Equipment	8	Pieces	0	0.0	0	0	0	0	0	0	500	4,000	4,000
Move Out Tool Vans	2	Pieces	0	0.0	0	0	0	0	0	0	200	400	400
Move Out Trailers	4	Each	0	0.0	0	0	0	0	0	0	500	2,000	2,000
Move Out Cranes & Rigging Equipment	4	Pieces	0	0.0	0	0	0	0	0	0	5,000	20,000	20,000
Move Out Small Tools & Consumables	2	Loads	0	0.0	0	0	0	0	0	0	100	200	200
Move Out Project Personnel	6	Each	0	0.0	0	0	2,000	12,000	0	0	0	0	12,000
Final Job Cleanup	800	Manhrs	1	800.0	23.95	19,160	2.5	2,000	0	0	0	0	21,160
*** DEMOBILIZATION ESTIMATED COST ***				800.0		19,160		14,000		0		26,600	59,760

EST NUMBER: WEBINDIR
RUN DATE.: 08/05/09 08:55am
DATA DATE.: SEPT 2009

SAMPLE LARGE INDIRECT COST ESTIMATE
ANYWHERE, ANYTOWN
PRIME ELECTRICAL CONTRACTOR INDIRECTS SUMMARY - SAMPLE INDUSTRIAL PROJECT

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
PAGE: 13

DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
MOBILIZATION	904.0	45,968	170,400	0	9,800	226,168
JOB SITE STAFFING	36,000.0	1,768,690	0	0	0	1,768,690
TEMPORARY BUILDINGS AND CONSTRUCTION	1,636.0	31,849	40,600	108,000	0	180,449
TEMPORARY UTILITIES	156.0	7,677	780	0	0	8,457
CONSTRUCTION EQUIPMENT	9,622.0	343,082	0	248,600	0	591,682
JOB OFFICE EXPENSE	0.0	0	122,500	0	5,350	127,850
SMALL TOOLS AND CONSUMABLES	0.0	0	22,500	0	0	22,500
WEATHER PROTECTION	720.0	17,244	9,600	0	0	26,844
OUTSIDE SERVICES	31,950.0	0	0	0	76,950	76,950
INSURANCE, TAXES AND BONDS	0.0	0	450	0	0	450
HOME OFFICE SUPPORT	4,002.0	428,400	1,800	0	0	430,200
DEMOBILIZATION	600.0	14,370	13,500	0	10,600	38,470
ESCALATION	0.0	0	0	0	0	0
FINANCE EXPENSE	0.0	0	0	0	0	0
CONTINGENCIES	0.0	0	0	0	0	0
*** PRIME ELECTRICAL CONTRACTOR INDIRECTS ESTIMATED COST ***	85,590.0	2,657,280	382,130	356,600	102,700	3,498,710

EST NUMBER: WEBINDIR
RUN DATE.: 08/05/09 08:55am
DATA DATE.: SEPT 2009

SAMPLE LARGE INDIRECT COST ESTIMATE
ANYWHERE, ANYTOWN
ESTIMATE DETAIL - SAMPLE INDUSTRIAL PROJECT

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
MOBILIZATION													
Move In Construction Equipment	6	Pieces	0	0.0	0	0	0	0	0	0	500	3,000	3,000
Move In Tool Vans	2	Pieces	0	0.0	0	0	0	0	0	0	200	400	400
Move In Trailers	2	Each	0	0.0	0	0	0	0	0	0	500	1,000	1,000
Move In Cranes & Rigging Equipment	1	Pieces	0	0.0	0	0	0	0	0	0	5,000	5,000	5,000
Move In Small Tools & Consumables	4	Loads	0	0.0	0	0	0	0	0	0	100	400	400
Relocate Engineering Personnel	2	Each	0	0.0	0	0	5,000	10,000	0	0	0	0	10,000
Relocate Management Personnel	4	Each	0	0.0	0	0	5,000	20,000	0	0	0	0	20,000
Temp Living Expenses - Engineering	78	Weeks	0	0.0	0	0	800	62,400	0	0	0	0	62,400
Temp Living Expenses - Management	78	Weeks	0	0.0	0	0	1,000	78,000	0	0	0	0	78,000
Safety Training - Administration 6 People x 4 Hours	24	Manhr	1	24.0	50	1,200	0	0	0	0	0	0	1,200
Safety Training - Electrician 100 People x 4 Hours	400	Manhr	1	400.0	49.21	19,684	0	0	0	0	0	0	19,684
Safety Training - Supervision 8 People x 4 Hours	32	Manhr	1	32.0	75	2,400	0	0	0	0	0	0	2,400
Site Procedures Training-Administration 8 People x 4 Hours	24	Manhr	1	24.0	50	1,200	0	0	0	0	0	0	1,200
Site Procedures Training - Electrician 100 People x 4 Hours	400	Manhr	1	400.0	49.21	19,684	0	0	0	0	0	0	19,684
Site Procedures Training - Supervision 8 People x 4 Hours	24	Manhr	1	24.0	75	1,800	0	0	0	0	0	0	1,800
*** MOBILIZATION ESTIMATED COST ***				904.0		45,968		170,400		0		9,800	226,168
JOB SITE STAFFING													
Project Manager	78	Weeks	40	3,120.0	100	312,000	0	0	0	0	0	0	312,000
Project Engineer - Electrical	78	Weeks	40	3,120.0	65	202,800	0	0	0	0	0	0	202,800
Assistant Project Engineer - Elect.	78	Weeks	40	3,120.0	60	187,200	0	0	0	0	0	0	187,200
Safety Officer	78	Weeks	40	3,120.0	50	156,000	0	0	0	0	0	0	156,000
Secretary	78	Weeks	40	3,120.0	35	109,200	0	0	0	0	0	0	109,200
Clerk/Typist	78	Weeks	40	3,120.0	25	78,000	0	0	0	0	0	0	78,000
Electrical Superintendent	78	Weeks	40	3,120.0	60	187,200	0	0	0	0	0	0	187,200
Field Engineer	78	Weeks	40	3,120.0	50	156,000	0	0	0	0	0	0	156,000
QA/QC Engineer - Electrical	78	Weeks	40	3,120.0	50	156,000	0	0	0	0	0	0	156,000
Warehouseman	78	Weeks	40	3,120.0	36.18	112,882	0	0	0	0	0	0	112,882

EST NUMBER: WEBINDIR RUN DATE.: 08/05/09 08:55am DATA DATE.: SEPT 2009				SAMPLE LARGE INDIRECT COST ESTIMATE ANYWHERE, ANYTOWN ESTIMATE DETAIL - SAMPLE INDUSTRIAL PROJECT				PREPARED FOR: ALL OF OUR CLIENTS PREPARED BY.: TEMPEST COMPANY PAGE: 15					
DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT TOTAL	MATERIAL DOLLARS UNIT TOTAL	EQUIPMENT DOLLARS UNIT TOTAL	SUBCONTRACT DOLLARS UNIT TOTAL	TOTAL DOLLARS				
Material Shakeout & Distribution Crew	60	Weeks	80	4,800.0	49.21	236,208	0	0	0	0	0	236,208	
*** JOB SITE STAFFING ESTIMATED COST ***				36,000.0		1,768,690	0		0		0	1,768,690	
TEMPORARY BUILDINGS AND CONSTRUCTION													
Job Office Trailers, Completely Furnished	36	Months	0	0.0	0	0	0	1,000	36,000	0	0	36,000	
Change Houses & Tool Vans	36	Each	0	0.0	0	0	0	2,000	72,000	0	0	72,000	
Project Sign	2	Each	8	16.0	34.77	556	500	1,000	0	0	0	1,556	
Barricades & Fencing	18	Months	40	720.0	0	0	1,200	21,600	0	0	0	21,600	
Scaffold - 200 Frames 18 Months	3,600	Frm/Mo	0.25	900.0	34.77	31,293	5	18,000	0	0	0	49,293	
*** TEMPORARY BUILDINGS AND CONSTRUCTION ESTIMATED COST ***				1,636.0		31,849		40,600		108,000		0	180,449
TEMPORARY UTILITIES													
System Maintenance	78	Weeks	2	156.0	49.21	7,677	10	780	0	0	0	0	8,457
*** TEMPORARY UTILITIES ESTIMATED COST ***				156.0		7,677		780		0		0	8,457
CONSTRUCTION EQUIPMENT													
Crane, 40 Ton - 34' to 136' Boom Length Grove RT-740 or Equivalent	160	Hours	1	160.0	36.28	5,805	0	0	125	20,000	0	0	25,805
Loader/Backhoe - 7/8 CY with 24" Bucket Case 480D CK or Equivalent	120	Hours	1	120.0	35.54	4,265	0	0	35	4,200	0	0	8,465
Pickup Truck - 3/4 Ton - 4 x 2	3,120	Hours	0	0.0	0	0	0	0	10	31,200	0	0	31,200
Pickup Truck - 1 Ton - 4 x 4	3,120	Hours	0	0.0	0	0	0	0	10	31,200	0	0	31,200
Flatbed Truck	9	Months	173	1,557.0	36.18	56,332	0	0	2,500	22,500	0	0	78,832
Knuckle Boom Unit	9	Months	173	1,557.0	35.54	55,336	0	0	3,500	31,500	0	0	86,836
Scissor Lift Unit	18	Months	173	3,114.0	35.54	110,672	0	0	3,500	63,000	0	0	173,672
Extended Reach Forklift	18	Months	173	3,114.0	35.54	110,672	0	0	2,500	45,000	0	0	155,672
*** CONSTRUCTION EQUIPMENT ESTIMATED COST ***				9,622.0		343,082		0		248,600		0	591,682
JOB OFFICE EXPENSE													
Stationery & Office Supplies	18	Months	0	0.0	0	0	100	1,800	0	0	0	0	1,800
Engineering & Drafting Supplies	18	Months	0	0.0	0	0	50	900	0	0	0	0	900
Safety Supplies	18	Months	0	0.0	0	0	1,500	27,000	0	0	0	0	27,000
Telephone Hookup	4	Lines	0	0.0	0	0	0	0	0	0	100	400	400
Telephone Use Fees	18	Months	0	0.0	0	0	200	3,600	0	0	75	1,350	4,950

EST NUMBER: WEBINDIR
RUN DATE.: 08/05/09 08:55am
DATA DATE.: SEPT 2009

SAMPLE LARGE INDIRECT COST ESTIMATE
ANYWHERE, ANYTOWN
ESTIMATE DETAIL - SAMPLE INDUSTRIAL PROJECT

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
Postage/Delivery	18	Months	0	0.0	0	0	100	1,800	0	0	0	0	1,800
Copy Machine	2	Each	0	0.0	0	0	5,000	10,000	0	0	0	0	10,000
Copy Machine Supplies	18	Months	0	0.0	0	0	100	1,800	0	0	0	0	1,800
Computer	6	Each	0	0.0	0	0	2,500	15,000	0	0	0	0	15,000
Computer Supplies & Support	18	Months	0	0.0	0	0	100	1,800	0	0	200	3,600	5,400
Job Photographs	78	Weeks	0	0.0	0	0	100	7,800	0	0	0	0	7,800
Travel Expenses	30	Trips	0	0.0	0	0	500	15,000	0	0	0	0	15,000
Home Office Support Travel Expenses	36	Trips	0	0.0	0	0	1,000	36,000	0	0	0	0	36,000
*** JOB OFFICE EXPENSE ESTIMATED COST ***				0.0		0		122,500		0		5,350	127,850
SMALL TOOLS AND CONSUMABLES													
Small Tools	18	Months	0	0.0	0	0	500	9,000	0	0	0	0	9,000
Consumables	18	Months	0	0.0	0	0	750	13,500	0	0	0	0	13,500
*** SMALL TOOLS AND CONSUMABLES ESTIMATED COST ***				0.0		0		22,500		0		0	22,500
WEATHER PROTECTION													
Winter Protection	6	Months	40	240.0	23.95	5,748	1,000	6,000	0	0	0	0	11,748
Summer Protection	12	Months	40	480.0	23.95	11,496	300	3,600	0	0	0	0	15,096
*** WEATHER PROTECTION ESTIMATED COST ***				720.0		17,244		9,600		0		0	26,844
OUTSIDE SERVICES													
Senior Engineering Technician 50 Hours/Week	1,950	Hours	0	0.0	0	0	0	0	0	0	40	78,000	78,000
Pickup Truck	30,000	Mile	0	0.0	0	0	0	0	0	0	0.45	13,500	13,500
Janitorial Services	18	Months	0	0.0	0	0	0	0	0	0	200	3,600	3,600
Substance Abuse Testing	300	Each	0	0.0	0	0	0	0	0	0	50	15,000	15,000
*** OUTSIDE SERVICES ESTIMATED COST ***				31,950.0		0		0		0		76,950	76,950
INSURANCE, TAXES AND BONDS													
Auto & Truck Registration/Licenses	3	Each	0	0.0	0	0	150	450	0	0	0	0	450
*** INSURANCE, TAXES AND BONDS ESTIMATED COST ***				0.0		0		450		0		0	450

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
HOME OFFICE SUPPORT													
Management Assistance	18	Months	16	288.0	250	72,000	0	0	0	0	0	0	72,000
Engineering Assistance	9	Months	173	1,557.0	150	233,550	0	0	0	0	0	0	233,550
Administrative Assistance	9	Months	173	1,557.0	50	77,850	0	0	0	0	0	0	77,850
Shop Drawing Preparation & Submittal	600	Hours	1	600.0	75	45,000	3	1,800	0	0	0	0	46,800
*** HOME OFFICE SUPPORT ESTIMATED COST ***				4,002.0		428,400		1,800		0		0	430,200
DEMOBILIZATION													
Move-out Construction Equipment	6	Pieces	0	0.0	0	0	0	0	0	0	500	3,000	3,000
Move Out Tool Vans	2	Pieces	0	0.0	0	0	0	0	0	0	200	400	400
Move Out Trailers	4	Each	0	0.0	0	0	0	0	0	0	500	2,000	2,000
Move Out Cranes & Rigging Equipment	1	Pieces	0	0.0	0	0	0	0	0	0	5,000	5,000	5,000
Move Out Small Tools & Consumables	2	Loads	0	0.0	0	0	0	0	0	0	100	200	200
Move Out Project Personnel	6	Each	0	0.0	0	0	2,000	12,000	0	0	0	0	12,000
Final Job Cleanup	600	Manhrs	1	600.0	23.95	14,370	2.5	1,500	0	0	0	0	15,870
*** DEMOBILIZATION ESTIMATED COST ***				600.0		14,370		13,500		0		10,600	38,470