

Service & Distribution Description	Unit	Quantity	Unit Material	Unit Man-Hrs	Man-Hour Factor %	Revised Man-Hrs	Unit Labor \$	Unit Equip \$	Total Man-Hrs	Total Mat'l \$	Total Labor \$	Total Equip \$	Vendor Quote \$	Sub-Contn Quote \$	Total Cost \$
Switchgear Quotation *****	LS	1											\$200,000		\$200,000
Switchboard Auxiliary Section, Pull Type, 48" Wide, for 3000A	EA	1		15.000	-20%	12.000	\$456.00		12.0		\$456				\$456
Switchboard Utility Section, Metering Compartment 480V 3P 4W, 3000A	EA	1		16.000	-20%	12.800	\$486.40		12.8		\$486				\$486
Switchboard Main Section, Stored Energy GFI Breaker 480V 3P, 150K 3000A	EA	1		26.000	-20%	20.800	\$790.40		20.8		\$790				\$790
Switchboard Distribution Section, 480V 3P 4W Nema1, CU Bus, 3000A	EA	2		26.000	-20%	20.800	\$790.40		41.6		\$1,581				\$1,581
Switchboard Distribution Section Breaker, 480V 3P, 65K 100A	EA	1		1.250	-20%	1.000	\$38.00		1.0		\$38				\$38
Switchboard Distribution Section Breaker, 480V 3P, 65K 250A	EA	9		2.180	-20%	1.744	\$66.27		15.7		\$596				\$596
Switchboard Distribution Section Breaker, 480V 3P, 65K 400A	EA	1		2.500	-20%	2.000	\$76.00		2.0		\$76				\$76
Switchboard Distribution Section Breaker, 480V 3P, 65K 800A	EA	6		3.840	-20%	3.072	\$116.74		18.4		\$700				\$700
Switchboard Distribution Section Breaker, 480V 3P, 100K 1200A	EA	1		6.000	-20%	4.800	\$182.40		4.8		\$182				\$182
Switchgear Add, Solid State Relay Package, Current Phase Loss	EA	17		4.000	-20%	3.200	\$121.60		54.4		\$2,067				\$2,067
Dry Type Transformer, 3P 480V Delta Primary 208Y/120V Secondary, 30KVA	EA	8		16.900	-20%	13.520	\$513.76		108.2		\$4,110				\$4,110
Dry Type Transformer, 3P 480V Delta Primary 208Y/120V Secondary, 75KVA	EA	31		21.700	-20%	17.360	\$659.68		538.2		\$20,450				\$20,450
Dry Type Transformer, 3P 480V Delta Primary 208Y/120V Secondary, 112.5KVA	EA	1		23.400	-20%	18.720	\$711.36		18.7		\$711				\$711
Dry Type Transformer, 3P 480V Delta Primary 208Y/120V Secondary, 225KVA	EA	1		29.200	-20%	23.360	\$887.68		23.4		\$888				\$888
Distribution Panelboard, ML 480V 3P 42"W, 63" Breaker Space, 800A, Nema1	EA	6		15.800	-20%	12.640	\$480.32		75.8		\$2,882				\$2,882
Distribution Panelboard, ML 480V 3P 42"W, 63" Breaker Space, 1200A, Nema1	EA	1		19.800	-20%	15.840	\$601.92		15.8		\$602				\$602
Distribution Panelboard Circuit Breaker, 480V 250A Frame 35K, 3-P 250A	EA	43		2.180	-25%	1.635	\$62.13		70.3		\$2,672				\$2,672
Panelboard, MB 480V 3P-4W, w/Breakers, 100A-42C, Nema1	EA	7		13.600	-20%	10.880	\$413.44		76.2		\$2,894				\$2,894
Panelboard, MB Bolt-on 240V 3P-4W 20"W, No-Breakers, 225A-42C, Nema1	EA	57		7.600	-20%	6.080	\$231.04		346.6		\$13,169				\$13,169
Panelboard, ML 480V 3P-4W, No-Breakers, 225A-42C, Nema1	EA	18		6.300	-20%	5.040	\$191.52		90.7		\$3,447				\$3,447
Panelboard, ML 480V 3P-4W, No-Breakers, 400A-42C, Nema1	EA	1		8.400	-20%	6.720	\$255.36		6.7		\$255				\$255
Panelboard, MB 480V 3P-4W, No-Breakers, 400A-42C, Nema1	EA	2		9.500	-20%	7.600	\$288.80		15.2		\$578				\$578
Panelboard, MB 480V 3P-4W, No-Breakers, 600A-42C, Nema1	EA	1		9.500	-20%	7.600	\$288.80		7.6		\$289				\$289
Circuit Breaker, Bolt-on 10K RMS 1-P 120/240V, 20A	EA	2,650		.250	-35%	.163	\$6.18		430.6		\$16,364				\$16,364
Circuit Breaker, Bolt-on 10K RMS 2-P 240V, 20A	EA	6		.450	-20%	.360	\$13.68		2.2		\$82				\$82
Circuit Breaker, Bolt-on 10K RMS 2-P 240V, 30A	EA	3		.450	-20%	.360	\$13.68		1.1		\$41				\$41
Circuit Breaker, Bolt-on 10K RMS 2-P 240V, 40A	EA	4		.450	-20%	.360	\$13.68		1.4		\$55				\$55
Circuit Breaker, Bolt-on 10K RMS 3-P 240V, 15A	EA	21		.600	-20%	.480	\$18.24		10.1		\$383				\$383
Circuit Breaker, Bolt-on 10K RMS 3-P 240V, 20A	EA	64		.600	-20%	.480	\$18.24		30.7		\$1,167				\$1,167
Circuit Breaker, Bolt-on 10K RMS 3-P 240V, 25A	EA	9		.600	-20%	.480	\$18.24		4.3		\$164				\$164
Circuit Breaker, Bolt-on 10K RMS 3-P 240V, 30A	EA	31		.600	-20%	.480	\$18.24		14.9		\$565				\$565
Circuit Breaker, Bolt-on 10K RMS 3-P 240V, 40A	EA	12		.600	-20%	.480	\$18.24		5.8		\$219				\$219
Circuit Breaker, Bolt-on 10K RMS 3-P 240V, 50A	EA	9		.600	-20%	.480	\$18.24		4.3		\$164				\$164
Circuit Breaker, Bolt-on 10K RMS 3-P 240V, 60A	EA	18		.600	-20%	.480	\$18.24		8.6		\$328				\$328
Circuit Breaker, Bolt-on 10K RMS 3-P 240V, 70A	EA	3		.750	-20%	.600	\$22.80		1.8		\$68				\$68
Circuit Breaker, Bolt-on 10K RMS 3-P 240V, 80A	EA	13		1.000	-20%	.800	\$30.40		10.4		\$395				\$395
Circuit Breaker, Bolt-on 10K RMS 3-P 240V, 100A	EA	10		1.000	-20%	.800	\$30.40		8.0		\$304				\$304
Circuit Breaker, Bolt-on 10K RMS 3-P 240V, 125A	EA	3		1.000	-20%	.800	\$30.40		2.4		\$91				\$91
Safety Switch, Heavy Duty Non-Fused 600V 3-Pole, 200A, Nema1	EA	20		5.800	-20%	4.640	\$176.32		92.8		\$3,526				\$3,526
Safety Switch, Heavy Duty Non-Fused 600V 3-Pole, 400A, Nema1	EA	1		9.000	-20%	7.200	\$273.60		7.2		\$274				\$274
Safety Switch, Heavy Duty Non-Fused 600V 3-Pole, 100A, Nema1	EA	1		3.300	-20%	2.640	\$100.32		2.6		\$100				\$100
Conduit Body, Aluminum Type LB for EMT, Set Screw, 1"	EA	9	\$11.39	.480	-20%	.384	\$14.59		3.5	\$103	\$131				\$234
Conduit Body, Aluminum Type LB for EMT, Set Screw, 1-1/2"	EA	47	\$22.39	.690	-20%	.552	\$20.98		25.7	\$1,041	\$975				\$2,017
Conduit Body, Aluminum Type LB for EMT, Set Screw, 2"	EA	5	\$37.19	.850	-20%	.680	\$25.84		3.1	\$167	\$116				\$284
Conduit Body, Aluminum Type LB for EMT, Set Screw, 2-1/2"	EA	12	\$106.00	1.100	-20%	.880	\$33.44		11.0	\$1,320	\$416				\$1,736
Conduit Body, Aluminum Type LB for EMT, Set Screw, 3"	EA	20	\$137.00	1.300	-20%	1.040	\$39.52		20.4	\$2,681	\$773				\$3,454
Conduit Body, Aluminum Type LB for EMT, Set Screw, 4"	EA	46	\$271.00	1.900	-20%	1.520	\$57.76		70.1	\$12,493	\$2,663				\$15,156
Conduit Connector, Steel Set Screw for EMT, 1"	EA	16	\$2.64	.085	-20%	.068	\$2.58		1.1	\$42	\$41				\$84
Conduit Connector, Steel Set Screw for EMT, 1-1/2"	EA	92	\$8.17	.126	-20%	.101	\$3.83		9.3	\$752	\$352				\$1,104
Conduit Connector, Steel Set Screw for EMT, 2"	EA	8	\$11.59	.152	-20%	.122	\$4.62		1.0	\$93	\$37				\$130
Conduit Connector, Steel Set Screw for EMT, 2-1/2"	EA	80	\$37.74	.211	-20%	.169	\$6.41		13.5	\$3,019	\$513				\$3,532
Conduit Connector, Steel Set Screw for EMT, 3"	EA	34	\$45.01	.281	-20%	.225	\$8.54		7.6	\$1,530	\$290				\$1,821
Conduit Connector, Steel Set Screw for EMT, 4"	EA	38	\$67.65	.475	-20%	.380	\$14.44		14.4	\$2,571	\$549				\$3,119
Conduit Coupling, PVC #40, Material Only, 1"	EA	102	\$.66								\$67				\$67
Conduit Coupling, Steel Set Screw for EMT, Material Only, 1"	EA	90	\$2.97								\$267				\$267
Conduit Coupling, Steel Set Screw for EMT, Material Only, 1-1/2"	EA	465	\$9.56								\$4,445				\$4,445
Conduit Coupling, Steel Set Screw for EMT, Material Only, 2"	EA	45	\$12.72								\$572				\$572
Conduit Coupling, Steel Set Screw for EMT, Material Only, 2-1/2"	EA	125	\$30.95								\$3,853				\$3,853
Conduit Coupling, Steel Set Screw for EMT, Material Only, 3"	EA	304	\$34.93								\$10,619				\$10,619
Conduit Coupling, Steel Set Screw for EMT, Material Only, 4"	EA	683	\$46.69								\$31,866				\$31,866
Conduit Elbow, EMT, Manufactured, 1"	EA	16	\$3.13	.190	-20%	.152	\$5.78		2.4	\$50	\$92				\$142
Conduit Elbow, EMT, Manufactured, 1-1/2"	EA	92	\$5.91	.320	-20%	.256	\$9.73		23.6	\$544	\$895				\$1,439
Conduit Elbow, EMT, Manufactured, 2"	EA	8	\$5.91	.380	-20%	.304	\$11.55		2.4	\$47	\$92				\$140
Conduit Elbow, EMT, Manufactured, 2-1/2"	EA	80	\$9.02	.630	-20%	.504	\$19.15		40.3	\$722	\$1,532				\$2,254

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Conduit Elbow, EMT, Manufactured, 3"	EA	34	\$32.74	.840	-20%	.672	\$25.54		22.8	\$1,113	\$868				\$1,981
Conduit Elbow, EMT, Manufactured, 4"	EA	38	\$51.63	1.260	-20%	1.008	\$38.30		38.3	\$1,962	\$1,456				\$3,417
Conduit Elbow, Galvanized Steel, 1"	EA	4	\$7.26	.300	-20%	.240	\$9.12		1.0	\$29	\$36				\$66
Conduit Elbow, Galvanized Steel, 3"	EA	2	\$51.91	1.000	-20%	.800	\$30.40		1.6	\$104	\$61				\$165
Conduit Elbow, Galvanized Steel, 4"	EA	20	\$93.10	1.700	-20%	1.360	\$51.68		27.2	\$1,862	\$1,034				\$2,896
Conduit Elbow, PVC #40, 1"	EA	10	\$2.32	.220	-20%	.176	\$6.69		1.8	\$24	\$68				\$92
Conduit Elbow, PVC #40, 3"	EA	4	\$19.86	.840	-20%	.672	\$25.54		2.4	\$71	\$92				\$163
Conduit Elbow, PVC #40, 4"	EA	15	\$34.38	1.260	-20%	1.008	\$38.30		15.4	\$526	\$586				\$1,112
Conduit Terminal Adapter Male, PVC #40, 1"	EA	4	\$1.02	.143	-20%	.114	\$4.35		.5	\$4	\$17				\$21
Conduit Terminal Adapter Male, PVC #40, 3"	EA	2	\$5.83	.422	-20%	.338	\$12.83		.7	\$12	\$26				\$37
Conduit Terminal Adapter Male, PVC #40, 4"	EA	20	\$10.03	.690	-20%	.552	\$20.98		11.0	\$201	\$420				\$620
Conduit, EMT Exposed or Individual Run, Add Couplings & Support, 1"	LF	900	\$.88	.043	-20%	.034	\$1.31		31.0	\$792	\$1,176				\$1,968
Conduit, EMT Exposed or Individual Run, Add Couplings & Support, 1-1/2"	LF	4,650	\$1.53	.055	-20%	.044	\$1.67		204.6	\$7,115	\$7,775				\$14,889
Conduit, EMT Exposed or Individual Run, Add Couplings & Support, 2"	LF	450	\$1.89	.066	-20%	.053	\$2.01		23.8	\$851	\$903				\$1,753
Conduit, EMT Exposed or Individual Run, Add Couplings & Support, 2-1/2"	LF	1,245	\$2.79	.080	-20%	.064	\$2.43		79.7	\$3,474	\$3,028				\$6,501
Conduit, EMT Exposed or Individual Run, Add Couplings & Support, 3"	LF	3,040	\$3.56	.110	-20%	.088	\$3.34		267.5	\$10,822	\$10,166				\$20,988
Conduit, EMT Exposed or Individual Run, Add Couplings & Support, 4"	LF	6,825	\$5.35	.145	-20%	.116	\$4.41		791.7	\$36,514	\$30,085				\$66,598
Conduit, Galvanized Steel Exposed or Individual Run, Add Supports, 3"	LF	5	\$9.69	.140	-20%	.112	\$4.26		.6	\$48	\$21				\$70
Conduit, Galvanized Steel Exposed or Individual Run, Add Supports, 4"	LF	50	\$13.25	.170	-20%	.136	\$5.17		6.8	\$663	\$258				\$921
Conduit, PVC #40 in Slab or Trench, Add Fittings & Supports, 1"	LF	1,020	\$.75	.025	-20%	.020	\$.76		20.4	\$765	\$775				\$1,540
Conduit, PVC #40 in Slab or Trench, Add Fittings & Supports, 3"	LF	540	\$3.05	.055	-20%	.044	\$1.67		23.8	\$1,647	\$903				\$2,550
Conduit, PVC #40 in Slab or Trench, Add Fittings & Supports, 4"	LF	1,700	\$4.29	.070	-20%	.056	\$2.13		95.2	\$7,293	\$3,618				\$10,911
Conduit Fitting, Bushing Insulated Ground, Steel, 1"	EA	4	\$6.03	.040	-20%	.032	\$1.22		.1	\$24	\$5				\$29
Conduit Fitting, Bushing Insulated Ground, Steel, 4"	EA	20	\$42.94	.180	-20%	.144	\$5.47		2.9	\$859	\$109				\$968
Conduit Fitting, Bushing Insulated Metallic, 3"	EA	1	\$14.23	.060	-20%	.048	\$1.82		.0	\$14	\$2				\$16
Conduit Fitting, Locknut Standard, 3"	EA	2	\$3.51	.060	-20%	.048	\$1.82		.1	\$7	\$4				\$11
Conduit Fitting, Locknut Standard, 4"	EA	16	\$7.46	.090	-20%	.072	\$2.74		1.2	\$119	\$44				\$163
Wire, Copper THHN, 600V, Stranded, #10	LF	923	\$.12	.008	-25%	.006	\$.23		5.5	\$111	\$210				\$321
Wire, Copper THHN, 600V, Stranded, #8	LF	2,665	\$.20	.010	-25%	.008	\$.29		20.0	\$533	\$760				\$1,293
Wire, Copper THHN, 600V, Stranded, #6	LF	9,289	\$.31	.012	-25%	.009	\$.34		83.6	\$2,880	\$3,177				\$6,056
Wire, Copper THHN, 600V, Stranded, #4	LF	333	\$.49	.015	-25%	.011	\$.43		3.7	\$163	\$142				\$305
Wire, Copper THHN, 600V, Stranded, #3	LF	366	\$.59	.016	-25%	.012	\$.46		4.4	\$216	\$167				\$383
Wire, Copper THHN, 600V, Stranded, #2	LF	3,437	\$.74	.018	-25%	.014	\$.51		46.4	\$2,543	\$1,763				\$4,307
Wire, Copper THHN, 600V, Stranded, #1	LF	14,702	\$.94	.020	-25%	.015	\$.57		220.5	\$13,820	\$8,380				\$22,200
Wire, Copper THHN, 600V, Stranded, 1/0	LF	8,307	\$1.11	.024	-25%	.018	\$.68		149.5	\$9,221	\$5,682				\$14,903
Wire, Copper THHN, 600V, Stranded, 2/0	LF	42	\$1.39	.028	-25%	.021	\$.80		.9	\$58	\$34				\$92
Wire, Copper THHN, 600V, Stranded, 3/0	LF	8,828	\$1.71	.032	-25%	.024	\$.91		211.9	\$15,096	\$8,051				\$23,147
Wire, Copper THHN, 600V, Stranded, 4/0	LF	5,224	\$2.12	.036	-25%	.027	\$1.03		141.0	\$11,075	\$5,360				\$16,435
Wire, Copper THHN, 600V, Stranded, 250MCM	LF	2,407	\$2.58	.040	-25%	.030	\$1.14		72.2	\$6,210	\$2,744				\$8,954
Wire, Copper THHN, 600V, Stranded, 350MCM	LF	7,011	\$3.50	.044	-25%	.033	\$1.25		231.4	\$24,539	\$8,792				\$33,330
Wire, Copper THHN, 600V, Stranded, 500MCM	LF	6,939	\$4.93	.050	-25%	.038	\$1.43		260.2	\$34,209	\$9,888				\$44,097
Wire, Copper THHN, 600V, Stranded, 600MCM	LF	28,748	\$6.24	.061	-25%	.046	\$1.74		1,315.2	\$179,388	\$49,978				\$229,366
Wire or Cable Pulling Accessory, Pull ROPE in Conduit, 4200LB, 1/2"	LF	357	\$.22	.006	-20%	.005	\$.18		1.7	\$79	\$65				\$144
Conduit Hanger, J Type for Rigid & EMT, 2-1/2"	EA	125	\$4.41	.270	-20%	.216	\$8.21		26.9	\$549	\$1,022				\$1,571
Conduit Hanger, J Type for Rigid & EMT, 3"	EA	304	\$5.00	.270	-20%	.216	\$8.21		65.7	\$1,520	\$2,495				\$4,015
Conduit Hanger, J Type for Rigid & EMT, 4"	EA	683	\$6.99	.300	-20%	.240	\$9.12		163.8	\$4,771	\$6,224				\$10,995
Conduit Hanger, Hang-On Type w/ Beam Clamp, 1" Rigid & EMT	EA	90	\$1.06	.240	-20%	.192	\$7.30		17.3	\$95	\$657				\$752
Conduit Hanger, Hang-On Type w/ Beam Clamp, 1-1/2" Rigid	EA	465	\$1.06	.250	-20%	.200	\$7.60		93.0	\$493	\$3,534				\$4,027
Conduit Hanger, Hang-On Type w/ Beam Clamp, 2" Rigid & EMT	EA	45	\$1.19	.270	-20%	.216	\$8.21		9.7	\$54	\$369				\$423
									7,282	\$463,399	\$276,713		\$200,000		\$940,112

Lighting & Branch Wiring															
Description	Unit	Quantity	Unit Material	Unit Man-Hrs	Man-Hour Factor %	Revised Man-Hrs	Unit Labor \$	Unit Equip \$	Total Man-Hrs	Total Mat'l \$	Total Labor \$	Total Equip \$	Vendor Quote \$	Sub-Cont'l Quote \$	Total Cost \$
Lighting Quote *****	LS	1											\$600,000		\$600,000
FP1	EA	1,196		1.080	-27%	.788	\$29.96		943		\$35,831				\$35,831
FP1A	EA	6		1.080	-20%	.864	\$32.83		5		\$197				\$197
FP2	EA	23		1.080	-20%	.864	\$32.83		20		\$755				\$755
FP4	EA	90		1.400	-20%	1.120	\$42.56		101		\$3,830				\$3,830
FP6	EA	27		1.000	-20%	.800	\$30.40		22		\$821				\$821
FP7	EA	8		.960	-20%	.768	\$29.18		6		\$233				\$233
FP8	EA	8		.960	-20%	.768	\$29.18		6		\$233				\$233
FR1	EA	287		.960	-25%	.720	\$27.36		207		\$7,852				\$7,852
FR2	EA	129		.960	-25%	.720	\$27.36		93		\$3,529				\$3,529
FR3	EA	23		.960	-20%	.768	\$29.18		18		\$671				\$671
FR4	EA	5		.960	-20%	.768	\$29.18		4		\$146				\$146
FR6	EA	321		.920	-25%	.690	\$26.22		221		\$8,417				\$8,417
FR7	EA	229		.950	-25%	.713	\$27.08		163		\$6,200				\$6,200
FS1	EA	226		.950	-25%	.713	\$27.08		161		\$6,119				\$6,119
FS2	EA	222		1.000	-25%	.750	\$28.50		167		\$6,327				\$6,327
FW1	EA	40		1.000	-20%	.800	\$30.40		32		\$1,216				\$1,216
HP1	EA	32		3.000	-20%	2.400	\$91.20		77		\$2,918				\$2,918
AR1	EA	163		1.000	-25%	.750	\$28.50		122		\$4,646				\$4,646
AR2	EA	17		1.000	-20%	.800	\$30.40		14		\$517				\$517
E1	EA	40		1.000	-20%	.800	\$30.40		32		\$1,216				\$1,216
E2	EA	148		1.000	-25%	.750	\$28.50		111		\$4,218				\$4,218
SL1	EA	59		10.000	-20%	8.000	\$304.00		472		\$17,936				\$17,936
SL2	EA	3		2.000	-20%	1.600	\$60.80		5		\$182				\$182
SL3	EA	26		2.000	-20%	1.600	\$60.80		42		\$1,581				\$1,581
SL4	EA	10		4.000	-20%	3.200	\$121.60		32		\$1,216				\$1,216
SL5	EA	7		2.000	-20%	1.600	\$60.80		11		\$426				\$426
SL6	EA	1		2.000	-20%	1.600	\$60.80		2		\$61				\$61
FR1A	EA	103		.960	-25%	.720	\$27.36		74		\$2,818				\$2,818
Bodine in Existing Fixture	EA	14		1.000	-20%	.800	\$30.40		11		\$426				\$426
FW2	EA	17		1.200	-20%	.960	\$36.48		16		\$620				\$620
FR3A	EA	12		.960	-20%	.768	\$29.18		9		\$350				\$350
E5	EA	2		1.000	-20%	.800	\$30.40		2		\$61				\$61
FR9	EA	8		1.000	-20%	.800	\$30.40		6		\$243				\$243
LCS	EA	1		16.000	-20%	12.800	\$486.40		13		\$486				\$486
ELCS	EA	1		16.000	-20%	12.800	\$486.40		13		\$486				\$486
MS1	EA	4		16.000	-20%	12.800	\$486.40		51		\$1,946				\$1,946
Rewire Existing Light	EA	98	\$50.00	1.000	-20%	.800	\$30.40		78	\$4,900	\$2,979				\$7,879
Jelly Jar	EA	29		1.000	-20%	.800	\$30.40		23		\$882				\$882
Armored Cable, Copper Type MC, Steel w/Ground, 2-Conductor, #12-2	LF	32,000	\$.63	.031	-25%	.023	\$.88		744	\$20,160	\$28,272				\$48,432
Armored Cable, Copper Type MC, Steel w/Ground, 3-Conductor, #12-3	LF	19,530	\$.94	.036	-25%	.027	\$1.03		527	\$18,358	\$20,038				\$38,396
Conduit Body, Aluminum Type LB for EMT, Set Screw, 3/4"	EA	314	\$7.62	.380	-20%	.304	\$11.55		95	\$2,391	\$3,625				\$6,016
Conduit Body, Aluminum Type LB for EMT, Set Screw, 1"	EA	3	\$11.39	.480	-20%	.384	\$14.59		1	\$32	\$40				\$72
Conduit Connector, Steel Set Screw for EMT, 3/4"	EA	5,771	\$1.54	.069	-20%	.055	\$2.10		319	\$8,887	\$12,105				\$20,993
Conduit Connector, Steel Set Screw for EMT, 1"	EA	4	\$2.64	.085	-20%	.068	\$2.58			\$12	\$11				\$23
Conduit Coupling, PVC #40, Material Only, 1"	EA	710	\$.66							\$469					\$469
Conduit Coupling, Steel Set Screw for EMT, Material Only, 3/4"	EA	4,707	\$1.89							\$8,896					\$8,896
Conduit Coupling, Steel Set Screw for EMT, Material Only, 1"	EA	44	\$2.97							\$131					\$131
Conduit Elbow, EMT, Manufactured, 1"	EA	4	\$3.13	.190	-20%	.152	\$5.78		1	\$14	\$25				\$39
Conduit Elbow, Galvanized Steel, 1"	EA	4	\$7.26	.300	-20%	.240	\$9.12		1	\$29	\$36				\$66
Conduit Elbow, PVC #40, 1"	EA	71	\$2.32	.220	-20%	.176	\$6.69		12	\$165	\$475				\$640
Conduit Field Bend, EMT, Using Hand Bender, 3/4"	EA	471	\$.00	.170	-20%	.136	\$5.17		64		\$2,433				\$2,433
Conduit Terminal Adapter Male, PVC #40, 1"	EA	4	\$1.02	.143	-20%	.114	\$4.35			\$4	\$17				\$21
Conduit, EMT Exposed or Individual Run, Add Couplings & Support, 3/4"	LF	47,070	\$.49	.040	-27%	.029	\$1.11		1,374	\$23,064	\$52,229				\$75,293
Conduit, EMT Exposed or Individual Run, Add Couplings & Support, 1"	LF	440	\$.88	.043	-20%	.034	\$1.31		15	\$387	\$575				\$962
Conduit, PVC #40 in Slab or Trench, Add Fittings & Supports, 1"	LF	7,100	\$.75	.025	-20%	.020	\$.76		142	\$5,325	\$5,396				\$10,721
Conduit Fitting, Bushing Insulated Ground, Steel, 1"	EA	4	\$6.03	.040	-20%	.032	\$1.22			\$24	\$5				\$29
Wire, Copper THHN, 600V, Stranded, #12	LF	153,715	\$.08	.007	-20%	.006	\$.21		861	\$12,297	\$32,711				\$45,008
Wire, Copper THHN, 600V, Stranded, #10	LF	17,375	\$.12	.008	-20%	.006	\$.24		111	\$2,085	\$4,226				\$6,311
Wire, Copper THHN, 600V, Stranded, #8	LF	33,012	\$.20	.010	-20%	.008	\$.30		264	\$6,602	\$10,036				\$16,638
Non-Metallic Cable, STaple for Romex UF or BX, Insulated, 3/4" Long	EA	6,419	\$.04							\$257					\$257
Armored Cable, Copper Type MC, Steel w/Ground, 2-Conductor, #12-2	LF	6,790	\$.63	.031	-20%	.025	\$.94		168	\$4,278	\$6,399				\$10,677
Armored Cable, Copper Type MC, Steel w/Ground, 3-Conductor, #12-3	LF	1,840	\$.94	.036	-20%	.029	\$1.09		53	\$1,730	\$2,014				\$3,743
Cable Termination, Wire Nut Spring Type, 74B Large - Yellow	EA	1,748	\$.07	.010	-50%	.005	\$.19		9	\$122	\$332				\$454
Cable Termination, Wire Nut Wing Type, Small- Yellow	EA	7,950	\$.08	.010	-50%	.005	\$.19		40	\$636	\$1,511				\$2,147

Lighting & Branch Wiring															
Description	Unit	Quantity	Unit Material	Unit Man-Hrs	Man-Hour Factor %	Revised Man-Hrs	Unit Labor \$	Unit Equip \$	Total Man-Hrs	Total Mat'l \$	Total Labor \$	Total Equip \$	Vendor Quote \$	Sub-Cont Quote \$	Total Cost \$
Outlet Box Cover, Steel Octagon, 4", Blank w/ 1/2"KO	EA	2,650	\$.49	.080	-20%	.064	\$2.43		170	\$1,299	\$6,445				\$7,743
Outlet Box Plaster Ring, Steel Octagon, 4"X 5/8" Deep	EA	356	\$1.24	.125	-20%	.100	\$3.80		36	\$441	\$1,353				\$1,794
Outlet Box Plaster Ring, Steel Square, 4", Sq to 1-Gang, 5/8" Deep	EA	176	\$.93	.125	-20%	.100	\$3.80		18	\$164	\$669				\$832
Outlet Box, Steel Octagon, 4" X 1-1/2"D, for Conduit	EA	2,650	\$1.25	.300	-20%	.240	\$9.12		636	\$3,313	\$24,168				\$27,481
Outlet Box, Steel Octagon, 4" X 1-1/2"D, for BX, w/Bar Hanger	EA	356	\$4.66	.300	-20%	.240	\$9.12		85	\$1,659	\$3,247				\$4,906
Outlet Box, Steel Square, 4" X 1-1/2"D, for BX	EA	176	\$2.57	.300	-20%	.240	\$9.12		42	\$452	\$1,605				\$2,057
Switch Box, Steel Solid Gang, 2-1/8"D, 2-Gang, w/ Bracket	EA	97	\$4.16	.250	-20%	.200	\$7.60		19	\$404	\$737				\$1,141
Switch Box, Steel Solid Gang, 1-5/8"D, 3-Gang, w/Switch Ring	EA	10	\$11.51	.270	-20%	.216	\$8.21		2	\$115	\$82				\$197
Switch Box, Steel Solid Gang, 1-5/8"D, 4-Gang, w/Switch Ring	EA	70	\$15.89	.300	-20%	.240	\$9.12		17	\$1,112	\$638				\$1,751
Switch Plate, Stainless, 302, 1-Gang	EA	68	\$1.57	.080	-20%	.064	\$2.43		4	\$107	\$165				\$272
Switch Plate, Stainless, 302, 2-Gang	EA	97	\$3.29	.100	-20%	.080	\$3.04		8	\$319	\$295				\$614
Switch Plate, Stainless, 302, 3-Gang	EA	10	\$5.00	.120	-20%	.096	\$3.65		1	\$50	\$36				\$86
Switch Plate, Stainless, 302, 4-Gang	EA	70	\$10.00	.150	-20%	.120	\$4.56		8	\$700	\$319				\$1,019
Switch, Motion Sensor, Ceiling Type	EA	356	\$.00	.500	-20%	.400	\$15.20		142		\$5,411				\$5,411
Switch, Motion Sensor, Wall Type	EA	108	\$.00	.500	-20%	.400	\$15.20		43		\$1,642				\$1,642
Switch, Intermediate Grade 120-277V, SP 20A, Ivory	EA	388	\$10.90	.250	-20%	.200	\$7.60		78	\$4,229	\$2,949				\$7,178
Switch, Intermediate Grade 120-277V, 3-Way 20A, Ivory	EA	184	\$12.00	.400	-20%	.320	\$12.16		59	\$2,208	\$2,237				\$4,445
Conduit Hanger, Hang-On Type w/ Beam Clamp, 3/4" Rigid & EMT	EA	4,707	\$.98	.240	-20%	.192	\$7.30		904	\$4,613	\$34,342				\$38,955
Conduit Hanger, Hang-On Type w/ Beam Clamp, 1" Rigid & EMT	EA	44	\$1.06	.240	-20%	.192	\$7.30		8	\$47	\$321				\$368
Relay Panels	EA	12		16.800	-20%	13.440	\$510.72		161		\$6,129				\$6,129
									10,629	\$142,486	\$403,894		\$600,000		\$1,146,380

Devices & Branch Wiring		Unit	Quantity	Unit Material	Unit Man-Hrs	Man-Hour Factor %	Revised Man-Hrs	Unit Labor \$	Unit Equip \$	Total Man-Hrs	Total Mat'l \$	Total Labor \$	Total Equip \$	Vendor Quote \$	Sub-Cont Quote \$	Total Cost \$
Wiremold Fitting, 4000 Series, Flat Elbow	EA	214	\$15.32	.500	-20%	.400	\$15.20			85.6	\$3,278	\$3,253				\$6,531
Armored Cable, Copper Type MC, Steel w/Ground, 2-Conductor, #12-2	LF	23,085	\$.63	.031	-25%	.023	\$.88			536.7	\$14,544	\$20,396				\$34,939
Armored Cable, Copper Type MC, Steel w/Ground, 3-Conductor, #12-3	LF	2,670	\$.94	.036	-20%	.029	\$1.09			76.9	\$2,510	\$2,922				\$5,432
Conduit Body, Aluminum Type LB for EMT, Set Screw, 3/4"	EA	291	\$7.62	.380	-20%	.304	\$11.55			88.6	\$2,221	\$3,367				\$5,587
Conduit Body, Aluminum Type LB for EMT, Set Screw, 1"	EA	4	\$11.39	.480	-20%	.384	\$14.59			1.6	\$47	\$60				\$107
Conduit Connector, Steel Compression for EMT, 3/4"	EA	74	\$1.98	.069	-20%	.055	\$2.10			4.1	\$147	\$155				\$302
Conduit Connector, Steel Set Screw for EMT, 1/2"	EA	84	\$.95	.064	-20%	.051	\$1.95			4.3	\$80	\$163				\$243
Conduit Connector, Steel Set Screw for EMT, 3/4"	EA	437	\$1.54	.069	-20%	.055	\$2.10			24.1	\$673	\$917				\$1,590
Conduit Connector, Steel Set Screw for EMT, 1"	EA	8	\$2.64	.085	-20%	.068	\$2.58			.6	\$22	\$21				\$43
Conduit Coupling, Steel Compression for EMT, Material Only, 3/4"	EA	74	\$2.32								\$172					\$172
Conduit Coupling, Steel Set Screw for EMT, Material Only, 3/4"	EA	4,372	\$1.89								\$8,263					\$8,263
Conduit Coupling, Steel Set Screw for EMT, Material Only, 1"	EA	41	\$2.97								\$122					\$122
Conduit Elbow, EMT, Manufactured, 1"	EA	8	\$3.13	.190	-20%	.152	\$5.78			1.2	\$26	\$47				\$73
Conduit Field Bend, EMT, Using Hand Bender, 3/4"	EA	437	\$.00	.170	-20%	.136	\$5.17			59.5		\$2,259				\$2,259
Conduit, EMT Exposed or Individual Run, Add Couplings & Support, 1/2"	LF	840	\$.27	.030	-20%	.024	\$.91			20.2	\$227	\$766				\$993
Conduit, EMT Exposed or Individual Run, Add Couplings & Support, 3/4"	LF	44,455	\$.49	.040	-28%	.029	\$1.09			1,280.3	\$21,783	\$48,652				\$70,435
Conduit, EMT Exposed or Individual Run, Add Couplings & Support, 1"	LF	410	\$.88	.043	-20%	.034	\$1.31			14.1	\$361	\$536				\$897
Wiremold Fitting, 4000 Series, Wire Clips	EA	1,340	\$1.16	.010	-20%	.008	\$.30			10.7	\$1,554	\$407				\$1,962
Wiremold Fitting, 4000 Series, Divider Clip & Coupling	EA	1,340	\$.66	.150	-20%	.120	\$4.56			160.8	\$884	\$6,110				\$6,995
Wiremold Fitting, 4000 Series, 1-Gang Plate	EA	431	\$8.23	.100	-20%	.080	\$3.04			34.5	\$3,547	\$1,310				\$4,857
Wiremold Fitting, 4000 Series, 2-Gang Plate	EA	431	\$8.23	.100	-20%	.080	\$3.04			34.5	\$3,547	\$1,310				\$4,857
Wiremold Fitting, 4000 Series, Blank End Fitting	EA	223	\$4.90	.200	-20%	.160	\$6.08			35.7	\$1,094	\$1,358				\$2,452
Wiremold Fitting, 4000 Series, Entrance End Fittings	EA	223	\$16.30	.200	-20%	.160	\$6.08			35.7	\$3,640	\$1,358				\$4,998
Wiremold Raceway, 4000 Series, BASE	LF	6,700	\$4.81	.105	-20%	.084	\$3.19			562.8	\$32,227	\$21,386				\$53,613
Wiremold Raceway, 4000 Series, Cover	LF	6,700	\$2.94	.012	-20%	.010	\$.36			64.3	\$19,698	\$2,444				\$22,142
Wiremold Raceway, 4000 Series, Divider	LF	6,700	\$1.12	.006	-20%	.005	\$.18			32.2	\$7,504	\$1,222				\$8,726
Flexible Conduit Connection, 1-Phase 2W Using Greenfield, 3'L 20A	EA	152	\$5.44	.970	-20%	.776	\$29.49			118.0	\$827	\$4,482				\$5,309
Wire, Copper THHN, 600V, Stranded, #12	LF	225,273	\$.08	.007	-30%	.005	\$.19			1,103.8	\$18,022	\$41,946				\$59,968
Wire, Copper THHN, 600V, Stranded, #10	LF	431	\$.12	.008	-20%	.006	\$.24			2.8	\$52	\$105				\$156
Wire, Copper THHN, 600V, Stranded, #8	LF	2,153	\$.20	.010	-20%	.008	\$.30			17.2	\$431	\$655				\$1,085
Non-Metallic Cable, STaple for Romex UF or BX, Insulated, 5/8" Long	EA	906	\$.04								\$36					\$36
Armored Cable Connector, Malleable BX or MC Grip Type, 3/8"	EA	152	\$1.02	.076	-20%	.061	\$2.31			9.2	\$155	\$351				\$506
Armored Cable, Copper Type MC, Steel w/Ground, 2-Conductor, #12-2	LF	8,690	\$.63	.031	-20%	.025	\$.94			215.5	\$5,475	\$8,189				\$13,664
Cable Termination, Wire Nut Wing Type, Small- Yellow	EA	1,815	\$.08	.010	-20%	.008	\$.30			14.5	\$145	\$552				\$697
FS Box Cover, Cast, 1-Gang, for Duplex Receptacle, w/ Hinged Lid	EA	74	\$7.45	.120	-20%	.096	\$3.65			7.1	\$551	\$270				\$821
Outlet Box Cover, Steel Octagon, 4", Blankw/ 1/2"KO	EA	152	\$.49	.080	-20%	.064	\$2.43			9.7	\$74	\$370				\$444
Outlet Box Cover, Steel Square Raised, 4", for 1 Duplex Receptacle	EA	84	\$1.33	.080	-20%	.064	\$2.43			5.4	\$112	\$204				\$316
Outlet Box Plaster Ring, Steel Square, 4", Sq to 1-Gang, 5/8" Deep	EA	663	\$.93	.125	-20%	.100	\$3.80			66.3	\$617	\$2,519				\$3,136
Outlet Box Plaster Ring, Steel Square, 4", Sq to 2-Gang, 5/8" Deep	EA	280	\$1.32	.140	-20%	.112	\$4.26			31.4	\$370	\$1,192				\$1,561
Outlet Box, Steel Octagon, 4" X 1-1/2"D, for Conduit	EA	152	\$1.25	.300	-20%	.240	\$9.12			36.5	\$190	\$1,386				\$1,576
Outlet Box, Steel Square, 4" X 1-1/2"D, for Conduit	EA	158	\$2.21	.300	-20%	.240	\$9.12			37.9	\$349	\$1,441				\$1,790
Outlet Box, Steel Square, 4" X 2-1/8"D, for BX, w/ Bracket	EA	869	\$4.16	.300	-20%	.240	\$9.12			208.6	\$3,615	\$7,925				\$11,540
Receptacle Plate, Stainless for Duplex, 430, 1-Gang	EA	589	\$1.34	.080	-20%	.064	\$2.43			37.7	\$789	\$1,432				\$2,222
Receptacle Plate, Stainless for Duplex, 430, 2-Gang	EA	280	\$2.70	.100	-20%	.080	\$3.04			22.4	\$756	\$851				\$1,607
Receptacle, Duplex 20A 125V 3W, Nema5-20R, Ivory, Side (2) Ground Term.	EA	1,922	\$10.86	.250	-25%	.188	\$7.13			360.4	\$20,873	\$13,694				\$34,567
Receptacle, Duplex GFI 125V, 20A, Nema5-20R	EA	247	\$19.10	.300	-20%	.240	\$9.12			59.3	\$4,718	\$2,253				\$6,970
Conduit Hanger, Hang-On Type w/ Beam Clamp, 3/4" Rigid & EMT	EA	4,372	\$.98	.240	-28%	.173	\$6.57			755.5	\$4,285	\$28,708				\$32,993
Conduit Hanger, Hang-On Type w/ Beam Clamp, 1" Rigid & EMT	EA	41	\$1.06	.240	-20%	.192	\$7.30			7.9	\$43	\$299				\$343
Conduit Hanger, Strap EMT Steel 1-Hole, 1/2"	EA	168	\$.22	.016	-20%	.013	\$.49			2.2	\$37	\$82				\$119
Conduit Hanger, Strap EMT Steel 1-Hole, 3/4"	EA	74	\$.30	.017	-20%	.014	\$.52			1.0	\$22	\$38				\$60
Fastener, Anchor Self Drill Expansion, 1/4"	EA	242	\$1.01	.150	-20%	.120	\$4.56			29.0	\$244	\$1,104				\$1,348
Wiremold Raceway, 4000 Series, Divider	LF	6,700	\$1.12	.006	-20%	.005	\$.18			32.2	\$7,504	\$1,222				\$8,726
Tele Power Pole, Steel, Prewired 2-Secondary w/2 20A Dup Recp, .05"T 15'5"	EA	6	\$172.77	2.000	-20%	1.600	\$60.80			9.6	\$1,037	\$365				\$1,401
										6,370	\$199,498	\$242,056		\$	\$	\$441,554