

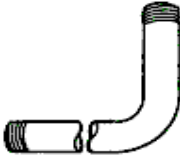




Section 2 - Conduit, Raceways, Fittings & Related Items

Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit
Rigid Steel Conduit (GRC or GRS) and fittings						
Rigid Steel Conduit with Threaded Couplings						
		5.50	6.80	8.20		C
1/2"		6.00	7.50	9.00		C
3/4"		7.00	8.70	10.50		C
1"		8.00	10.00	12.00		C
1 1/4"		9.00	11.20	13.50		C
1 1/2"		11.00	13.70	16.50		C
2"		15.00	18.70	22.50		C
2 1/2"		20.00	25.00	30.00		C
3"		25.00	31.20	37.50		C
3 1/2"		30.00	37.50	45.00		C
4"		38.00	47.50	57.00		C
5"		48.00	60.00	72.00		C
6"						
<i>For Stainless Steel Conduit & Fittings Add 25%</i>						
Rigid Steel Factory Elbows						
Add 20% For Wide Sweep Elbows						
		0.35	0.43	0.52		E
1/2"		0.40	0.50	0.60		E
3/4"		0.50	0.62	0.75		E
1"		0.60	0.75	0.90		E
1 1/4"		0.75	0.93	1.12		E
1 1/2"		1.00	1.25	1.50		E
2"		1.50	1.85	2.25		E
2 1/2"		2.00	2.50	3.00		E
3"		2.50	3.10	3.75		E
3 1/2"		3.00	3.75	4.50		E
4"		4.00	5.00	6.00		E
5"		5.00	6.25	7.50		E
6"						
<i>For Stainless Steel Conduit & Fittings Add 25%</i>						
Field Bending Steel Conduit & Installation						
Add approx 20% for each field cut & thread						
Add 50% For Wide Sweep Segment Bend						
		1.20	1.50	1.80		E
1 1/4"		1.50	1.90	2.25		E
1 1/2"		2.00	2.50	3.00		E
2"		2.75	3.40	4.05		E
2 1/2"		3.50	4.35	5.25		E
3"		4.25	5.25	6.35		E
3 1/2"		5.00	6.25	7.50		E
4"		7.00	8.75	10.50		E
5"		9.00	11.25	13.50		E
6"						
<i>For Stainless Steel Conduit & Fittings Add 25%</i>						
Lock Nut & Bushing Sets - Field Cut & Thread Included						
		0.30	0.37	0.45		E
1/2"		0.35	0.43	0.52		E
3/4"		0.40	0.50	0.60		E
1"		0.50	0.62	0.75		E
1 1/4"		0.60	0.75	0.90		E
1 1/2"		0.80	1.00	1.20		E
2"		1.00	1.25	1.50		E
2 1/2"		1.20	1.50	1.80		E
3"		1.40	1.75	2.10		E
3 1/2"		1.60	2.00	2.40		E
4"		1.90	2.40	2.90		E
5"		2.30	2.90	3.50		E
6"						
<i>For Stainless Steel Conduit & Fittings Add 25%</i>						
Plastic Bushing Only						
		0.10	0.12	0.15		E
1/2"		0.12	0.14	0.17		E
3/4"		0.13	0.17	0.20		E
1"		0.17	0.21	0.25		E
1 1/4"		0.20	0.25	0.30		E
1 1/2"		0.27	0.33	0.40		E
2"		0.33	0.42	0.50		E
2 1/2"		0.40	0.50	0.60		E
3"		0.47	0.58	0.70		E
3 1/2"		0.53	0.67	0.80		E
4"		0.63	0.80	0.97		E
5"		0.77	0.97	1.17		E
6"						



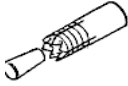






Section 2 - Conduit, Raceways, Fittings & Related Items

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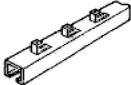






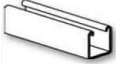






Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit
Iron FS & FD Threaded 3-Gang Boxes						
 1/2" One Hub		0.70	0.85	1.05		E
3/4" One Hub		0.80	1.00	1.20		E
1" One Hub		0.95	1.15	1.40		E
1/2" Two Hubs		0.90	1.10	1.35		E
3/4" Two Hubs		1.05	1.30	1.55		E
1" Two Hubs		1.25	1.55	1.85		E
1/2" Three Hubs		1.10	1.35	1.65		E
3/4" Three Hubs		1.30	1.60	1.95		E
1" Three Hubs		1.55	1.90	2.30		E
Iron FS & FD Box Covers						
Blank Covers		0.08	0.09	0.10		E
Receptacle Covers		0.10	0.12	0.15		E
Single Gang Switch Covers		0.10	0.12	0.15		E
Two Gang Switch Covers		0.15	0.18	0.21		E
Three Gang Switch Covers		0.20	0.25	0.30		E
Knockout Type Steel Boxes						
4" Square Boxes		30.00	35.00	40.00		C
4" Octagon Boxes		30.00	35.00	40.00		C
4 11/16" Square Boxes		30.00	35.00	40.00		C
4" Concrete Boxes		40.00	45.00	50.00		C
4" Handy Boxes		25.00	30.00	35.00		C
4" Switch Boxes		25.00	30.00	35.00		C
2-Gang Solid Boxes		25.00	30.00	35.00		C
3-Gang Solid Boxes		27.00	32.00	37.00		C
4-Gang Solid Boxes		30.00	35.00	40.00		C
5-Gang Solid Boxes		33.00	38.00	43.00		C
6-Gang Solid Boxes		36.00	41.00	46.00		C
7-Gang Solid Boxes		40.00	45.00	50.00		C
8-Gang Solid Boxes		45.00	50.00	55.00		C
4" Hung Ceiling Boxes		45.00	50.00	55.00		C
6" Square Boxes-Blank/Customizable	X	0.40	0.45	0.50		E
6" Square Boxes -with ko's	X	0.40	0.45	0.50		E
6" Flat cover	X	0.10	0.12	0.15		E
6" 1 Gang Mud Ring	X	0.15	0.20	0.25		E
6" 2 Gang Mud Ring	X	0.15	0.20	0.25		E
6" Three Gang Mud Ring	X	0.15	0.20	0.25		E
Add for KO in Blank Box	X					E
Ceiling Fan Box with Adjustable Stud Bracket	X	0.50	0.75	1.00		E
Ceiling Fan Box-Direct Mount to Rafter	X	0.40	0.50	0.65		E
Knockout Type Steel Boxes - Masonry						
1-Gang Masonry & Tile Boxes		35.00	40.00	45.00		C
2-Gang Masonry & Tile Boxes		37.00	42.00	47.00		C
3-Gang Masonry & Tile Boxes		40.00	45.00	50.00		C
4-Gang Masonry & Tile Boxes		45.00	50.00	55.00		C
Knockout Type Steel Boxes - Wall Boxes						
1-Gang Thru-Wall Boxes		35.00	40.00	45.00		C
2-Gang Thru-Wall Boxes		37.00	42.00	47.00		C
3-Gang Thru-Wall Boxes		40.00	45.00	50.00		C
Knockout Type Steel Boxes - Accessories						
Box Extensions-All Types		20.00	25.00	30.00		C
Plaster Rings-All Sizes		15.00	20.00	25.00		C
Tile Rings-All Sizes		17.50	22.00	27.50		C
Box Covers-All Types		8.00	9.00	10.00		C

Section 2 - Conduit, Raceways, Fittings & Related Items

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Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit
Fasteners / Hangers / Supports						
Toggle Bolts						
 1/4"		12.00	15.00	18.00		C
3/8"		13.00	16.20	19.50		C
1/2"		15.00	18.70	22.50		C
5/8"		17.00	21.20	25.00		C
3/4"		20.00	25.00	30.00		C
7/8"		24.00	30.00	36.00		C
Drop-in Anchors						
 1/4"		16.00	20.00	24.00		C
3/8"		18.00	22.50	27.00		C
1/2"		20.00	25.00	30.00		C
5/8"		23.00	28.70	34.50		C
3/4"		26.00	32.50	39.00		C
7/8"		30.00	37.50	45.00		C
Expansion Shields						
1/4"		18.00	22.50	27.00		C
3/8"		20.00	25.00	30.00		C
1/2"		22.00	27.50	33.00		C
5/8"		25.00	31.20	37.50		C
3/4"		28.00	35.00	42.00		C
7/8"		32.00	40.00	48.00		C
Self Drill Anchors						
 1/4"		20.00	25.00	30.00		C
3/8"		22.00	27.50	33.00		C
1/2"		24.00	30.00	36.00		C
5/8"		27.00	33.70	40.00		C
3/4"		30.00	37.50	45.00		C
7/8"		35.00	43.70	52.00		C
Concrete Anchor Bolts						
 1/4"		16.00	20.00	24.00		C
3/8"		18.00	22.50	27.00		C
1/2"		20.00	25.00	30.00		C
5/8"		23.00	28.70	34.50		C
3/4"		26.00	32.50	39.00		C
1"		30.00	37.50	45.00		C
Hollow Wall Anchors						
 3/16"		10.00	12.50	15.00		C
1/4"		12.00	15.00	18.00		C
5/16"		14.00	17.50	21.00		C
Fiber & Plastic Anchors						
 #8		14.00	17.50	21.00		C
#10		15.00	18.70	22.50		C
#12		16.00	20.00	24.00		C
#14		18.00	22.50	27.00		C
#16		21.00	26.20	31.50		C
#20		24.00	30.00	36.00		C
Powder Activated Fasteners - All Types						
 Powder Activated Fasteners-All Types		8.00	10.00	12.00		C
Hammer Drive Anchors						
 1/4"		16.00	20.00	24.00		C
3/8"		18.00	22.50	27.00		C
1/2"		20.00	25.00	30.00		C
5/8"		23.00	28.70	34.50		C
Anchor Bolts Set in Concrete						
 1/2" x 4"		25.00	31.25	37.50		C
5/8" x 6"		30.00	37.50	45.00		C
3/4" x 8"		35.00	43.75	52.50		C
1" x 10"		40.00	50.00	60.00		C
1 1/4" x 12"		45.00	56.25	67.50		C

Section 2 - Conduit, Raceways, Fittings & Related Items




Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit
Concrete Channel Inserts						
 1 Ft Long		30.00	37.50	45.00		C
2 Ft Long		40.00	50.00	60.00		C
4 Ft Long		50.00	62.00	75.00		C
6 Ft Long		60.00	75.00	90.00		C
8 Ft Long		75.00	93.00	110.00		C
10 Ft Long		90.00	112.00	135.00		C
Threaded Concrete Inserts						
 Threaded Concrete Inserts		30.00	37.50	45.00		C
Concrete Channel End Plates						
 Concrete Channel End Plates		8.00	10.00	12.00		C
Concrete Channel Nuts						
 Concrete Channel Nuts with Springs		6.00	7.50	9.00		C
 Concrete Channel Nuts without Springs		7.00	8.50	10.00		C
Concrete Channel Studs						
 Concrete Channel Studs with Springs		5.00	6.20	7.50		C
 Concrete Channel Studs without Springs		6.00	7.50	9.00		C
Pre-cut Strut Hanger Channels						
	X					
 6" Long		10.00	12.50	15.00		C
12" Long		11.00	13.70	16.50		C
18" Long		12.00	15.00	18.00		C
24" Long		14.00	17.50	21.00		C
36" Long		16.00	20.00	24.00		C
48" Long		18.00	22.50	27.00		C
Field Cut Strut Hanger Channels						
	X					
 6" Long		14.00	17.50	21.00		C
12" Long		15.00	18.70	22.50		C
18" Long		16.00	20.00	24.00		C
24" Long		18.00	22.50	27.00		C
36" Long		21.00	26.20	31.50		C
48" Long		24.00	30.00	36.00		C
Pre-cut Hanger Rods						
 6" long		8.00	10.00	12.00		C
12" Long		9.00	11.20	13.50		C
18" Long		10.00	12.50	15.00		C
24" Long		11.00	13.70	16.50		C
36" Long		13.00	16.20	19.50		C
48" Long		15.00	18.70	22.50		C
Field-cut All-thread Hanger Rods						
 6" Long		10.00	12.50	15.00		C
12" Long		11.00	13.70	16.50		C
18" Long		12.00	15.00	18.00		C
24" Long		14.00	17.50	21.00		C
36" Long		16.00	20.00	24.00		C
48" Long		18.00	22.50	27.00		C
Hanger Channel Conduit Clamps						
 Up to 1" Dia		3.00	3.75	4.50		C
Up to 2" Dia		4.00	5.00	6.00		C
Up to 3" Dia		5.00	6.25	7.50		C
Up to 4" Dia		6.00	7.50	9.00		C
Up to 6" Dia		8.00	10.00	12.00		C
One Hole Conduit Straps						
 Up to 1"		4.00	5.00	6.00		C
Up to 2"		4.25	5.30	6.35		C
Up to 3"		4.50	5.60	6.75		C
Up to 4"		5.00	6.25	7.50		C
Up to 6"		6.00	7.50	9.00		C
Two Hole Conduit Straps						
 Up to 1"		4.50	5.60	6.75		C
Up to 2"		5.00	6.25	7.50		C
Up to 3"		5.50	6.85	8.25		C
Up to 4"		6.25	7.80	9.35		C
Up to 6"		7.00	8.75	10.50		C

Section 2 - Conduit, Raceways, Fittings & Related Items

2



Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit
Electrical Metallic Tubing (EMT) and Fittings						
Electrical Metallic Tubing (EMT)						
	X					
1/2"		4.50	5.60	6.70		C
3/4"		5.00	6.20	7.50		C
1"		5.50	6.80	8.20		C
1 1/4"		6.20	7.80	9.30		C
1 1/2"		7.00	8.70	10.50		C
2"		8.00	10.00	12.00		C
2 1/2"		9.50	11.80	14.20		C
3"		11.00	13.70	16.50		C
3 1/2"		13.00	16.20	19.50		C
4"		16.00	20.00	24.00		C
Add 10% for colored conduit (handling, layout, design)	X					
EMT Set Screw Couplings						
1/2"		0.04	0.05	0.06		E
3/4"		0.05	0.06	0.07		E
1"		0.06	0.07	0.08		E
1 1/4"		0.08	0.09	0.10		E
1 1/2"		0.10	0.11	0.13		E
2"		0.12	0.14	0.16		E
2 1/2"		0.14	0.16	0.18		E
3"		0.16	0.18	0.20		E
3 1/2"		0.20	0.22	0.24		E
4"		0.22	0.24	0.26		E
EMT Factory Elbows						
1/2"		0.20	0.25	0.30		E
3/4"		0.22	0.27	0.33		E
1"		0.25	0.31	0.37		E
1 1/4"		0.32	0.40	0.48		E
1 1/2"		0.40	0.50	0.60		E
2"		0.50	0.62	0.75		E
2 1/2"		0.60	0.75	0.90		E
3"		0.70	0.87	1.05		E
3 1/2"		0.85	1.05	1.25		E
4"		1.00	1.25	1.50		E
Field Bending EMT Conduit and Installation						
Add approx 10% for each field cut & ream						
1 1/4"		0.64	0.80	0.96		E
1 1/2"		0.80	1.00	1.20		E
2"		1.00	1.24	1.50		E
2 1/2"		1.20	1.50	1.80		E
3"		1.40	1.74	2.10		E
3 1/2"		1.70	2.10	2.50		E
4"		2.00	2.50	3.00		E
EMT Set Screw Box Connectors						
1/2"		0.08	0.10	0.12		E
3/4"		0.10	0.12	0.15		E
1"		0.12	0.15	0.18		E
1 1/4"		0.16	0.20	0.24		E
1 1/2"		0.20	0.25	0.30		E
2"		0.25	0.31	0.37		E
2 1/2"		0.30	0.37	0.45		E
3"		0.35	0.45	0.50		E
3 1/2"		0.40	0.50	0.60		E
4"		0.45	0.60	0.75		E
EMT Compression Box Connectors						
1/2"		0.25	0.31	0.37		E
3/4"		0.30	0.37	0.45		E
1"		0.35	0.43	0.52		E
1 1/4"		0.40	0.50	0.60		E
1 1/2"		0.45	0.56	0.67		E
2"		0.50	0.62	0.75		E
2 1/2"		0.60	0.75	0.90		E
3"		0.70	0.87	1.05		E
3 1/2"		0.80	1.00	1.20		E
4"		0.90	1.12	1.35		E

Section 3 - Wire, Cable, Lugs, Terminations, Busway & Bus Duct

Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit
 600 Volt Bldg Wire-1/C-Copper Type THHN & THWN						
#14		5.00	6.20	7.50		M
#12		6.00	7.50	9.00		M
#10		7.00	8.75	10.50		M
#8		9.00	11.25	13.50		M
#6		11.00	13.75	16.50		M
#4		13.00	16.25	19.50		M
#3		15.00	18.75	22.50		M
#2		17.00	21.25	25.50		M
#1		19.00	23.75	28.50		M
1/0		22.00	27.50	33.00		M
2/0		24.00	30.00	36.00		M
3/0		26.00	32.50	39.00		M
4/0		29.00	36.20	43.50		M
250 kcmil		32.00	40.00	48.00		M
300 kcmil		35.00	44.00	52.00		M
350 kcmil		38.00	48.00	57.00		M
400 kcmil		41.00	51.00	62.00		M
500 kcmil		44.00	55.00	66.00		M
600 kcmil		48.00	60.00	72.00		M
750 kcmil		54.00	67.00	81.00		M
1000 kcmil		62.00	77.00	93.00		M
<i>Note: 1/0 - 4/0 Reduce labor 10% for Aluminum</i>						
<i>Note: 250 - 1000 Reduce labor 15% for Aluminum</i>						
<i>Note: Reduce Labor Units 10% When Using Factory Lubricated Wire</i>						
 600 Volt Bldg Wire-1/C-Copper Type RHW-Use						
#14		6.00	7.50	9.00		M
#12		7.00	8.70	10.50		M
#10		8.00	10.00	12.00		M
#8		10.00	12.50	15.00		M
#6		12.00	15.00	18.00		M
#4		15.00	18.70	22.50		M
#3		17.00	21.20	25.50		M
#2		19.00	23.70	28.50		M
#1		21.00	26.20	31.50		M
1/0		24.00	30.00	36.00		M
2/0		27.00	33.70	40.50		M
3/0		30.00	37.50	45.00		M
4/0		33.00	41.20	49.50		M
250 kcmil		36.00	45.00	54.00		M
300 kcmil		39.00	48.00	58.00		M
350 kcmil		42.00	53.00	63.00		M
400 kcmil		45.00	56.00	67.00		M
500 kcmil		48.00	60.00	72.00		M
600 kcmil		52.00	65.00	78.00		M
750 kcmil		58.00	72.00	87.00		M
1000 kcmil		68.00	85.00	102.00		M
<i>Note: 1/0 - 4/0 Reduce labor 10% for Aluminum</i>						
<i>Note: 250 - 1000 Reduce labor 15% for Aluminum</i>						
 600 Volt High Temp Wire-1/C-Copper Type XHHW						
#14		6.00	7.50	9.00		M
#12		7.00	8.70	10.50		M
#10		8.50	10.60	12.70		M
#8		11.00	13.70	16.50		M
#6		13.00	16.20	19.50		M
#4		15.00	18.70	22.50		M
#3		17.00	21.20	25.50		M
#2		19.00	23.70	28.50		M
#1		21.00	26.20	31.50		M
1/0		24.00	30.00	36.00		M
2/0		27.00	33.70	40.50		M
3/0		30.00	37.50	45.00		M
4/0		33.00	41.20	49.50		M
250 kcmil		36.00	45.00	54.00		M
300 kcmil		39.00	48.00	58.00		M
350 kcmil		42.00	53.00	63.00		M
400 kcmil		45.00	56.00	67.00		M
500 kcmil		48.00	60.00	72.00		M
600 kcmil		52.00	65.00	78.00		M
750 kcmil		58.00	72.00	87.00		M
1000 kcmil		68.00	85.00	102.00		M
<i>Note: 1/0 - 4/0 Reduce labor 10% for Aluminum</i>						
<i>Note: 250 - 1000 Reduce labor 15% for Aluminum</i>						
<i>Note: Reduce Labor Units 10% When Using Factory Lubricated Wire</i>						

Section 3 - Wire, Cable, Lugs, Terminations, Busway & Bus Duct

3

Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit
Wire Connectors (Wire Nuts)						
 Orange Wire Connector		0.04	0.06	0.08		E
 Yellow Wire Connector		0.05	0.07	0.09		E
Red Wire Connector		0.06	0.08	0.10		E
Gray Wire Connector		0.07	0.09	0.11		E
Blue Wire Connector		0.08	0.10	0.12		E
Crimp Terminations - Spade Type						
#22 to #18		0.08	0.10	0.12		E
#16 TO #14		0.10	0.13	0.15		E
#12 TO #10		0.12	0.15	0.18		E
Crimp Terminations - Ring Type						
#22 to # 18		0.10	0.13	0.15		E
#16 to #14		0.12	0.15	0.18		E
#12 to #10		0.14	0.17	0.21		E
Wire Identification						
Brady Marker - Per Digit		0.02	0.03	0.04		E
Clear Wrap Tape		0.02	0.03	0.04		E
Machine Coded Sleeve		0.05	0.08	0.10		E
Phase Tape - Per Phase		0.02	0.03	0.04		E
Feeder Designation Tag		0.10	0.15	0.20		E
Terminal Blocks - Excludes Terminations						
Mounting Channel - Per Foot		0.10	0.12	0.15		E
End Plate		0.03	0.04	0.05		E
Terminal Block		0.02	0.03	0.04		E
Plastic Wire Trough		0.10	0.12	0.15		LF
Cover		0.02	0.03	0.04		E
600 Volt Type FCC Flat Under Carpet Wiring						
Junction Box						
New Construction		0.25	0.31	0.38		E
Utilize Existing Box		0.20	0.25	0.30		E
Retro-Fit Existing Construction		0.50	0.63	0.75		E
Install Round To Flat Cable						
Transition Block						
In Junction Box		0.50	0.63	0.75		E
3 Conductor # 10 Cable		7.50	9.38	11.25		C
5 Conductor # 10 Cable		7.50	9.38	11.25		C
<i>Includes: Clean Concrete Floor</i>						
<i>Moisture Barrier Tape</i>						
<i>Power cable</i>						
<i>Hold-down Tape</i>						
Flat Undercarpet						
Tee-Tap / X Tap / Change of direction						
3 Conductor # 10 Cable		0.25	0.31	0.38		E
5 Conductor # 10 Cable		0.50	0.63	0.75		E
<i>One Splice Per Conductor</i>						
<i>Requires Special Crimp Tool</i>						
<i>Insulator Kit For Ea Crimp Splice</i>						
Floor Mount Power Pedestal						
Single or Double Duplex						
Mount Pedestal and Terminate						
3 Conductor # 10 Cable		0.50	0.63	0.75		E
5 Conductor # 10 Cable		0.50	0.63	0.75		E
Remove and Replace Carpet Tile		3.30	4.13	4.95		C
Undercarpet Telephone and Data Flat Cable						
Junction Box						
New Construction		0.25	0.31	0.38		E
Utilize Existing Box		0.20	0.25	0.30		E
Retro-Fit Existing Box		0.50	0.63	0.75		E
Install Flat To Round						
Cable Transition Block in						
Junction Box - All Types						
Single Conductor		0.25	0.31	0.38		E
Multi-Conductor		0.40	0.50	0.60		E

Section 5 - Lighting Fixtures, Poles and Parking Lot Lighting

Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit
Lighting Fixtures 2' x 2' Surface Mount						
2 Lamp - Fluorescent		0.65	0.81	1.02		E
3 Lamp - Fluorescent		0.70	0.86	1.07		E
4 Lamp - Fluorescent		0.75	0.94	1.17		E
LED		0.70	0.86	1.07		E
Lighting Fixtures 2' x 4' Surface Mount						
2 Lamp - Fluorescent		0.75	0.91	1.12		E
3 Lamp - Fluorescent		0.80	0.86	1.17		E
4 Lamp - Fluorescent		0.85	1.04	1.27		E
LED		0.80	0.86	1.17		E
Surface Mounted Light Fixture						
24" Long 1-Lamp Fluorescent		0.65	0.81	1.02		E
24" Long 2-Lamp Fluorescent		0.70	0.86	1.08		E
24" Long 3-Lamp Fluorescent		0.80	1.00	1.25		E
24" Long 4-Lamp Fluorescent		0.90	1.13	1.41		E
24" Long - LED		0.75	0.94	1.18		E
36" Long 1-Lamp Fluorescent		0.70	0.88	1.09		E
36" Long 2-Lamp Fluorescent		0.75	0.94	1.17		E
36" Long 3-Lamp Fluorescent		0.85	1.06	1.33		E
36" Long 4-Lamp Fluorescent		0.95	1.19	1.48		E
36" Long - LED		0.80	1.00	1.25		E
48" Long 1-Lamp Fluorescent		0.80	1.00	1.25		E
48" Long 2-Lamp Fluorescent		0.85	1.06	1.33		E
48" Long 3-Lamp Fluorescent		0.95	1.19	1.48		E
48" Long 4-Lamp Fluorescent		1.05	1.31	1.64		E
48" Long - LED		0.90	1.13	1.40		E
72" Long 1-Lamp Fluorescent		0.95	1.19	1.48		E
72" Long 2-Lamp Fluorescent		1.00	1.25	1.56		E
72" Long 3-Lamp Fluorescent		1.10	1.38	1.72		E
72" Long 4-Lamp Fluorescent		1.15	1.44	1.80		E
72" Long 6-Lamp Fluorescent		1.25	1.56	1.95		E
72" Long - LED		1.10	1.38	1.72		E
96" Long 1-Lamp Fluorescent		1.05	1.31	1.64		E
96" Long 2-Lamp Fluorescent		1.10	1.38	1.72		E
96" Long 3-Lamp Fluorescent		1.15	1.44	1.80		E
96" Long 4-Lamp Fluorescent		1.20	1.50	1.88		E
96" Long 6-Lamp Fluorescent		1.30	1.63	2.03		E
96" Long - LED		1.15	1.44	1.80		E
Wrap Around Light Fixture						
24" Long 2-Lamp - Fluorescent		0.60	0.75	0.94		E
48" Long 2-Lamp - Fluorescent		0.65	0.81	1.02		E
48" Long 3-Lamp - Fluorescent		0.70	0.88	1.09		E
48" Long 4-Lamp - Fluorescent		0.75	0.94	1.17		E
24" - LED	X	0.60	0.75	0.94		E
48" - LED	X	0.65	0.81	1.02		E
Surface Mount Vaportite - Indoor / Outdoor						
24" Long 1-Lamp - Fluorescent	X	1.30	1.63	2.03		E
24" Long 2-Lamp - Fluorescent	X	1.35	1.69	2.11		E
24" Long LED	X	0.95	1.19	1.48		E
36" Long 1-Lamp - Fluorescent	X	1.40	1.75	2.19		E
36" Long 2-Lamp - Fluorescent	X	1.45	1.81	2.27		E
48" Long 1-Lamp - Fluorescent	X	1.50	1.88	2.34		E
48" Long 2-Lamp - Fluorescent	X	1.55	1.94	2.42		E
48" Long 3-Lamp - Fluorescent	X	1.60	2.00	2.50		E
48" Long 4-Lamp - Fluorescent	X	1.65	2.06	2.58		E
48" Long LED	X	1.20	1.50	1.88		E
96" Long 1-Lamp - Fluorescent	X	2.00	2.50	3.13		E
96" Long 2-Lamp - Fluorescent	X	2.05	2.56	3.20		E
96" Long 3-Lamp - Fluorescent	X	2.10	2.63	3.28		E
96" Long 4-Lamp - Fluorescent	X	2.15	2.69	3.36		E
Lay-in (T-Bar) Fixtures - w/ Lens						
1' X 4' 2-Lamp - Fluorescent		0.65	0.81	1.02		E
1' X 4' - LED		0.65	0.81	1.02		E
2' X 2' 2-Lamp - Fluorescent		0.60	0.75	0.94		E
2' X 2' 3-Lamp - Fluorescent		0.65	0.81	1.02		E
2' X 2' - LED		0.60	0.75	0.94		E
2' X 4' 2-Lamp - Fluorescent		0.70	0.88	1.09		E
2' X 4' 3-Lamp - Fluorescent		0.75	0.94	1.17		E
2' X 4' 4-Lamp - Fluorescent		0.80	1.00	1.25		E
2' X 4' - LED		0.75	0.94	1.17		E
Master to Slave Whip Adder (per Fixture)		0.10	0.13	0.16		E
Slave Fixture Labor Deduct (per Fixture)		-0.15	-0.19	-0.23		E


Section 5 - Lighting Fixtures, Poles and Parking Lot Lighting

Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit
Surface Mount Strip						
18" Long 1-Lamp		0.50	0.63	0.78		E
18" Long 2-Lamp		0.55	0.69	0.86		E
24" Long 1-Lamp		0.55	0.69	0.86		E
24" Long 2-Lamp		0.60	0.75	0.94		E
36" Long 1-Lamp		0.60	0.75	0.94		E
36" Long 2-Lamp		0.65	0.81	1.02		E
48" Long 1-Lamp		0.70	0.88	1.09		E
48" Long 2-Lamp		0.75	0.94	1.17		E
48" Long 3-Lamp		0.80	1.00	1.25		E
48" Long 4-Lamp		0.85	1.06	1.33		E
72" Long 1-Lamp		0.85	1.06	1.33		E
72" Long 2-Lamp		0.90	1.13	1.41		E
72" Long 3-Lamp		0.95	1.19	1.48		E
72" Long 4-Lamp		1.00	1.25	1.56		E
96" Long 1-Lamp		1.10	1.38	1.72		E
96" Long 2-Lamp		1.15	1.44	1.80		E
96" Long 3-Lamp		1.20	1.50	1.88		E
96" Long 4-Lamp		1.25	1.56	1.95		E
24" Long - LED	X	0.60	0.75	0.94		E
48" Long - LED	X	0.75	0.94	1.17		E
98" Long - LED	X	1.15	1.44	1.80		E
18" Wire Guard		0.10	0.13	0.16		E
24" Wire Guard		0.10	0.13	0.16		E
36" Wire Guard		0.10	0.13	0.16		E
48" Wire Guard		0.20	0.25	0.31		E
72" Wire Guard		0.20	0.25	0.31		E
96" Wire Guard		0.20	0.25	0.31		E
Weatherproof Fluorescent Fixture - Outdoor						
48" Long 1-Lamp		1.50	1.88	2.34		E
48" Long 2-Lamp		1.55	1.94	2.42		E
72" Long 1-Lamp		1.75	2.19	2.73		E
72" Long 2-Lamp		1.80	2.25	2.81		E
96" Long 1-Lamp		2.00	2.50	3.13		E
96" Long 2-Lamp		2.05	2.56	3.20		E
Fixture Mounting Accessories						
Quake Clips		0.15	0.19	0.23		E
Fixture Chain Set - 4 Foot	X	0.30	0.31	0.39		E
Aircraft Cable with Quick Grip Tensioner	X	0.25	0.31	0.39		E
Fixture Seismic Wire		0.25	0.31	0.39		E
Tek Screw to T-Bar		0.10	0.13	0.16		E
Lighting Flex Whips - Pre-assembled						
6' 3-Wire Flex Whip		0.25	0.31	0.39		E
6' 4-Wire Flex Whip		0.35	0.44	0.55		E
6' 5-Wire Flex Whip		0.35	0.44	0.55		E
Modular Wiring System (MWS) Components - Pre-manufactured						
Circuit Distributor Box		0.30	0.40	0.50		E
Cable Extender to 15'L		0.35	0.45	0.60		E
Cable Extender from 20'L to 35'L		0.45	0.55	0.70		E
Circuit Selector Unit		0.30	0.40	0.50		E
Switch or Receptacle Drop Cable		0.35	0.45	0.60		E
Power or Switching Tee		0.35	0.45	0.60		E
Splitter Splice		0.20	0.30	0.40		E
Standard Selector Cable		0.40	0.45	0.50		E
Fluorescent Ballast Disconnect		0.15	0.20	0.23		E
Commercial Indoor Fixtures -						
Wall Mounted - Up To 150 Watt						
1-Lamp		0.75	0.94	1.17		E
2-Lamp		1.00	1.25	1.56		E
LED	X	1.00	1.25	1.56		E
Surface Mount - Up to 300 Watt						
Ceiling Mounted						
150 Watt		1.00	1.25	1.56		E
200 Watt		1.50	1.88	2.34		E
300 Watt		2.00	2.50	3.13		E
LED	X	1.50	1.88	2.34		E
Pendant Mount - Up to 150 Watt						
1-Lamp		1.25	1.56	1.95		E
2-Lamp		1.50	1.88	2.34		E
Pendant Mount - Up to 300 Watt						
1-Lamp		1.50	1.88	2.34		E
2-Lamp		1.75	2.19	2.73		E

Section 5 - Lighting Fixtures, Poles and Parking Lot Lighting

Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit
 Explosion Proof Fixtures: H.I.D.						
250 Watt Wall Mount		2.50	3.13	3.91		E
400 Watt Wall Mount		2.90	3.63	4.53		E
1000 Watt Wall Mount		3.60	4.50	5.63		E
250 Watt Ceiling Mount		3.00	3.75	4.69		E
400 Watt Ceiling Mount		3.40	4.25	5.31		E
1000 Watt Ceiling Mount		4.00	5.00	6.25		E
100 Watt Reflectors		1.75	2.19	2.73		E
250 Watt Reflectors		1.90	2.38	2.97		E
400 Watt Reflectors		2.10	2.63	3.28		E
1000 Watt Reflectors		2.50	3.13	3.91		E
Explosion Proof Fixtures: Guards						
100 - 250 Watt		0.20	0.23	0.26		E
400 - 1000 Watt		0.25	0.28	0.30		E
Industrial Vaportite Surface Mounted Lampholders						
150 Watt W/O Metal Cover		0.68	0.85	1.06		E
300 Watt W/O Metal Cover		0.68	0.85	1.06		E
500 Watt W/O Metal Cover		0.78	0.98	1.22		E
150 Watt W/ Metal Cover		0.69	0.86	1.08		E
300 Watt W/ Metal Cover		0.78	0.98	1.22		E
500 Watt W/ Metal Cover		0.88	1.10	1.38		E
Industrial Vaportite Pendant Mounted Lampholders						
150 Watt W/O Metal Cover		0.77	0.96	1.20		E
300 Watt W/O Metal Cover		0.87	1.09	1.36		E
500 Watt W/O Metal Cover		0.96	1.20	1.50		E
150 Watt W/ Metal Cover		0.88	1.10	1.38		E
300 Watt W/ Metal Cover		0.97	1.21	1.52		E
500 Watt W/ Metal Cover		1.07	1.34	1.67		E
Lamps						
Incandescent up to 75w	X	0.08	0.10	0.13		E
Incandescent up to 100 to 300W	X	0.15	0.19	0.23		E
Fluorescent Tube - up to 36"	X	0.08	0.10	0.13		E
Fluorescent Tube - 48"	X	0.10	0.13	0.16		E
Fluorescent Tube - 72"-96"	X	0.14	0.18	0.22		E
Compact Fluorescent (Twin or Quad Tube)	X	0.05	0.06	0.08		E
Mercury Vapor / Metal Halide - up to 175W	X	0.14	0.18	0.22		E
Mercury Vapor / Metal Halide - 250 to 1000W	X	0.25	0.31	0.39		E
High Pressure Sodium - up to 100W	X	0.10	0.13	0.16		E
High Pressure Sodium - 150 to 250W	X	0.20	0.25	0.31		E
High Pressure Sodium - 400 to 1000W	X	0.30	0.38	0.47		E
Fluorescent Ballast						
2' Lamp	X	0.35	0.50	0.60		E
4' Lamp	X	0.50	0.50	0.60		E
8' Lamp	X	0.75	0.60	0.75		E
Dimming - 2' Lamp	X	0.45	0.56	0.70		E
Dimming - 4' Lamp	X	0.60	0.75	0.94		E
Dimming - 8' Lamp	X	0.90	1.13	1.41		E
Fluorescent Ballast Disconnect		0.15	0.20	0.23		E
RFI Filters						
Small		0.75	1.00	1.25		E
Large		1.25	1.65	2.10		E
Remote Ballast						
Fluorescent 4'		1.00	1.20	1.50		E
Fluorescent 8'		1.40	1.70	2.10		E
Remote Ballast						
HID Up to 150 Watt		1.25	1.50	1.90		E
HID Up to 400 Watt		1.75	2.10	2.60		E
HID Up to 1000 Watt		2.25	2.70	3.35		E
Retro-Fit						
4' Lamps		0.65	0.90	1.25		E
8' Lamps		0.70	1.00	1.20		E
Retro-Fit						
4' Ballast		0.45	0.65	0.85		E
8' Ballast		0.45	0.65	0.85		E

Section 6 - Wiring Devices

Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit
Single Receptacle - Straight Blade or Twist Lock						
 15 Amp 3 Wire		25.00	31.25	37.50		C
20 Amp 3 Wire		30.00	37.50	45.00		C
20 Amp 4 Wire		35.00	43.75	52.50		C
20 Amp 5 Wire		40.00	50.00	60.00		C
30 Amp 3 Wire		40.00	50.00	60.00		C
30 Amp 4 Wire		45.00	56.25	67.50		C
30 Amp 5 Wire		50.00	62.50	75.00		C
50 Amp 3 Wire		50.00	62.50	75.00		C
50 Amp 4 Wire		55.00	68.75	82.50		C
60 Amp 3 Wire		60.00	75.00	90.00		C
60 Amp 4 Wire		70.00	87.50	105.00		C
Duplex Receptacle - Straight Blade						
15 Amp 3 Wire		25.00	31.25	37.50		C
15 Amp GFCI or AFCI	X	30.00	37.50	45.00		C
20 Amp 3 Wire		30.00	37.50	45.00		C
20 Amp GFCI or AFCI	X	35.00	43.75	52.50		C
15 Amp 3 Wire with USB Ports	X	25.00	31.25	37.50		C
20 Amp 3 Wire with USB Ports	X	30.00	37.50	45.00		C
GFCI - Blank Face	X	30.00	37.50	45.00		C
Split Wired Receptacle - Straight Blade						
15 Amp 3 Wire		35.00	43.75	52.50		C
20 Amp 3 Wire		40.00	50.00	60.00		C
Plugtail Wired Receptacles-Straight Blade						
15 Amp 3 Wire	X	15.00	18.75	23.44		C
15 Amp GFCI	X	20.00	25.00	31.25		C
20 Amp 3 Wire	X	20.00	25.00	31.25		C
20 Amp GFCI	X	25.00	31.25	39.00		C
Plugtail Wired Switches						
15 Amp 1 pole	X	10.00	12.50	15.00		C
20 Amp 1 pole	X	15.00	18.75	22.50		C
15 Amp 2 pole		20.00	25.00	30.00		C
20 Amp 2 pole		25.00	31.25	37.50		C
15 Amp 3 Way		25.00	31.25	37.50		C
20 Amp 3 Way		30.00	37.50	45.00		C
15 Amp 4 Way		30.00	37.50	45.00		C
20 Amp 4 Way		35.00	43.75	52.50		C
Plugtail Connectors						
6" angle solid wire		10.00	12.50	15.00		C
6" stranded wire		10.00	12.50	15.00		C
6" angle solid wire with wago connector		10.00	12.50	15.00		C
6" angle stranded wire with wago connector		10.00	12.50	15.00		C

Section 6 - Wiring Devices

Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit
						
Switch and Receptacle Combination - 20 Amp						
Single Pole		25.00	31.25	37.50		C
Double Pole		35.00	43.75	52.50		C
Three-Way		40.00	50.00	60.00		C
Four-Way		45.00	56.25	67.50		C
						
Push Button Station NEMA-1 Non Assembled (Button, Sel. Sw., Pilot Lt., Contact Block & Legend Plate)						
1-Button		1.00	1.25	1.50		E
2-Button		1.30	1.63	1.95		E
3-Button		1.60	2.00	2.40		E
4-Button		2.00	2.50	3.00		E
5-Button		2.50	3.13	3.75		E
6-Button		3.00	3.75	4.50		E
						
Push Button Station NEMA-4 Non Assembled (Button, Sel. Sw., Pilot Lt., Contact Block & Legend Plate)						
1-Button		1.30	1.63	1.95		E
2-Button		1.60	2.00	2.40		E
3-Button		2.00	2.50	3.00		E
4-Button		2.50	3.13	3.75		E
5-Button		3.00	3.75	4.50		E
6-Button		3.50	4.38	5.25		E
						
Double Throw Switches Maintained Contact 2 Circuit 3 Position						
1-Pole 10 Amp		0.35	0.44	0.53		E
1-Pole 15 Amp		0.35	0.44	0.53		E
1-Pole 20 Amp		0.35	0.44	0.53		E
2-Pole 10 Amp		0.50	0.63	0.75		E
2-Pole 15 Amp		0.50	0.63	0.75		E
2-Pole 20 Amp		0.50	0.63	0.75		E
						
Manual Motor Starter 120/230 Volt AC Box Mounted Toggle Switch W/O Enclosure						
1-Pole 1/4HP		0.30	0.38	0.45		E
1-Pole 1/2HP		0.35	0.44	0.53		E
1-Pole 1HP		0.40	0.50	0.60		E
2-Pole 1/4HP		0.35	0.44	0.53		E
2-Pole 1/2HP		0.40	0.50	0.60		E
2-Pole 1HP		0.45	0.56	0.68		E
3-Pole 1/2HP		0.40	0.50	0.60		E
3-Pole 1HP		0.45	0.56	0.68		E
3-Pole 2HP		0.50	0.63	0.75		E
						
Manual Motor Starter W/ Enclosure						
1-Pole 1/4 HP		0.55	0.69	0.83		E
1-Pole 1/2 HP		0.60	0.75	0.90		E
1-Pole 1 HP		0.65	0.81	0.98		E
2-Pole 1/4 HP		0.60	0.75	0.90		E
2-Pole 1/2 HP		0.65	0.81	0.98		E
2-Pole 1 HP		0.70	0.88	1.05		E
3-Pole 1/4 HP		0.65	0.81	0.98		E
3-Pole 1/2 HP		0.70	0.88	1.05		E
3-Pole 1 HP		0.75	0.94	1.13		E
						
Dimmer Switch						
1-Pole 600 Watt		0.40	0.50	0.60		E
1-Pole 1000 Watt		0.50	0.63	0.75		E
1 Pole - 1500 Watt		0.55	0.69	0.83		E
1 Pole - 2000 Watt		0.60	0.75	0.90		E
3-Way 600 Watt		0.70	0.88	1.05		E
3-Way 1000 Watt		0.85	1.06	1.28		E
3 Way - 1500 Watt		0.85	1.06	1.28		E
3 Way - 2000 Watt		0.90	1.13	1.35		E
						
Wiring Device Cover Plates						
1-Gang		10.00	12.50	15.00		C
2-Gang		12.00	15.00	18.00		C
3-Gang		14.00	17.50	21.00		C
4-Gang		17.00	21.25	25.50		C
5-Gang		20.00	25.00	30.00		C
6-Gang		24.00	30.00	36.00		C
						
Wiring Device Cover Plates - Decorative & Engraved						
1-Gang		20.00	25.00	30.00		C
2-Gang		25.00	31.25	37.50		C
3-Gang		30.00	37.50	45.00		C
4-Gang		35.00	43.75	52.50		C
50 & 60 Amp Single Receptacle Cover Plates		25.00	31.25	37.50		C
Telephone TV & Blank Cover Plates		12.00	15.00	18.00		C