

SCOPE LETTER

Date: 2.23.10

Company Name: Contractor Name

Tel: 555-555-5555 Fax: 555-555-555

Project Name: Example School Project

Address: Address, City, State, Zip

Alternative Bid: See Below Addendum: 1 & 2

Per Spec. Section: 16000 Dwgs: Electrical Drawings 1-13-10

Base Bid **\$1,416,258.00**
\$

Proposal includes all electrical labor, material and equipment as per Electrical Plans BC1, BC2, BC3, BC4, E0.01, E0.02A, E0.02B, E0.03, E0.04, E1.00A, E1.00B, E1.01, E1.02, E1.03, E2.01, E2.02, E2.03, E3.01, E3.03, E4.00, E4.01, FA-001, FA-002, FA-003, FA-100, FA-101, FA-102, FA-103, FA-104, FA-105, FA-200, and FA-201. The drawings are dated 1/13/2010, and drawn by Deems, Lewis, McKinley Architects. Also reviewed and included is addendum #1 dated 2/9/2010 and addendum #2 dated 2/18/2010.

Note 01: Proposal does not include contractor to be held liable for errors or omissions in designs by others, nor inadequacies of materials or equipment specified or supplied by others.

Note 02: Proposal does not include contractor to be liable for indirect loss or damage.

Note 03: Proposal does not include bonding and/or special insurance requirements. All bonding and/or special insurance are supplied at additional cost.

Note 04: Proposal does not include anything (verbal or written), expressed or implied elsewhere, which is contrary to this proposal.

Note 05: Proposal does not include the utility co. charges or fees.

Note 06: Proposal does not include trenching, backfilling, sand bed, cutting, patching or painting of floors, walls, drives, roads, etc.

Note 07: Proposal does not include the concrete pole bases, or concrete pads: outdoor or indoor for equipment.

Note 08: Proposal does not include the roof penetrations, roof penetrations to be provided by a bonded roofing contractor.

Note 09: Proposal does not include painting of boxes or conduits.

Note 10: Proposal does not include HVAC controls or control low voltage wiring.

Note 11: Proposal does not include seismic support wire or bracing for the light fixtures. Supplied and installed by the ceiling grid contractor.

Note 12: Proposal does not include major demolition (safe-off only).

Note 13: Proposal does not include replacing of T12 lamps with T8. Renovated areas have new lighting.

Note 14: Proposal includes sales tax.

Note 15: Proposal includes an electrical permit.

Note 16: Proposal includes IBEW Local prevailing wages.

Note 17: Proposal includes all work to be performed during **normal business hours**.

Continued on page 2

Your Company Name
Electrical Contractor

(State Lic. No. C-555.556854)

Note 18: Proposal includes temporary power and lighting. No trailer hook ups included. The power consumption charges are by others.

Note 19: Proposal includes new panels and switchgear as shown on plans.

Note 20: Proposal includes lighting and lighting control per information given.

Note 21: Proposal includes the **fire alarm system and clock/speaker paging system** by Simplex/Grinnell as specified.

Note 22: Proposal includes **voice/data and assisted listing system**.

Note 23: Proposal includes **CCTV system** as an alternate.

Note 24: Proposal includes **access control system**.

Note 25: Proposal includes new work associated with portable classrooms.

Note 26: Proposal includes relocation of conduits and wire as indicated on plans.

Note 27: Proposal includes reuse of breakers in existing panels. No new breakers for existing panels are included

JOB NAME: Example School Project
Summary Totals Only (All)

Material	
Non-Quoted	\$ 98,814.05
Quoted	\$ 585,280.73
Sales Tax (9.25%)	\$ 63,278.77
Total Material	\$ 747,373.55
Labor	
Direct (4,542.53 hours @ \$95.00)	\$ 431,540.35
Non-Productive	\$ 0.00
Direct Job Expenses	\$ 46,620.00
Subcontracts	\$ 0.00
Job Subtotal (Prime Cost)	\$ 1,225,533.90
Overhead (7.5%)	\$ 91,915.04
Profit (7.5%)	\$ 98,808.67
Job Total	\$ 1,416,257.61
Actual Bid Price	\$ 1,416,258.00
Material to labor ratio: 0.63	
Cost per square foot	\$ 0.00
Selling price per square foot	\$ 0.00

JOB NAME: Example School Project
All Breakdowns (All)

Job Number 11981
 Bid Date 02/25/10
 Bid Time 11:17
 Estimator
 Job Location 55 Street Name
 City, State Zip
 Type of Building(s) School
 Type of Construction Renovation/New Building/Portable Classrooms
 Square footage 0.

Non-Quoted Material

<u>Division</u>	<u>Total</u>	<u>Factor</u>	<u>Extension</u>
01 Raceway, Ftgs, & Boxes	39,055.72	0.0 %	\$ 39,055.72
02 Wire & Cable	55,367.00	0.0 %	\$ 55,367.00
03 Distribution	220.78	0.0 %	\$ 220.78
04 Light Fixtures & Lamps	0.00	0.0 %	\$ 0.00
05 Wiring Devices & Covers	839.06	0.0 %	\$ 839.06
06 Underground/Site	560.71	0.0 %	\$ 560.71
07 Misc	2,512.78	0.0 %	\$ 2,512.78
08 Special Systems	0.00	0.0 %	\$ 0.00
09 Remodel/Demolition	258.00	0.0 %	\$ 258.00
10 Sound Systems	0.00	0.0 %	\$ 0.00
Total	98,814.05		\$ 98,814.05

Quoted Material

A	4' Wrap-Around 2-Lamp	22.00	0.01	\$ 0.22
B	4' Wrap-Around 2-Lamp	12.00	0.01	\$ 0.12
C	H.I.D. Wall Pack Fixture	21.00	0.01	\$ 0.21
D	4' Recessed Fluor	6.00	0.01	\$ 0.06
E	2'x4' Surf Commercial Fluor	24.00	0.01	\$ 0.24
F	Exit Fixture	15.00	0.01	\$ 0.15
G	4' Wrap-Around 2-Lamp	13.00	0.01	\$ 0.13
H	2'x4' Recessed Fluor	88.00	0.01	\$ 0.88
I	Compact Fluor Recessed Downlight	23.00	0.01	\$ 0.23
J	Tube Strip w/cable mounting	4.00	0.01	\$ 0.04
K	1'x4' Surf Commercial Fluor	35.00	0.01	\$ 0.35
L	Incand Aisle/Step light	13.00	0.01	\$ 0.13
M	1'x4' Surf Commercial Fluor	19.00	0.01	\$ 0.19
N	jelly jar light	2.00	0.01	\$ 0.02
O	2'x2' Recessed Fluor	8.00	0.01	\$ 0.08
P	2'x4' Recessed Fluor	101.00	0.01	\$ 1.01
Q	2'x4' Recessed Fluor	17.00	0.01	\$ 0.17
R	Compact Fluor Recessed Downlight	3.00	0.01	\$ 0.03
S	Pendent fixture	6.00	0.01	\$ 0.06
T	Compact Fluor Recessed Downlight	3.00	0.01	\$ 0.03
	Added Lump Sum			\$ 140,996.20
01 Fixtures (16500)				\$ 141,000.55
P1	600 Amp Surf Panel-Nema 1	1.00	0.01	\$ 0.01

JOB NAME: Example School Project
All Breakdowns (All)

P2	400 Amp Surf Panel-Nema 1	1.00	0.01	\$	0.01
3143	30A/2P 3WSN 240V GD Fus Safety Sw-Nema 1	4.00	0.01	\$	0.04
3167	30A/2P 3WSN 240V HD Fus Safety Sw-Nema 1	11.00	0.01	\$	0.11
3170	200A/2P 3WSN 240V HD Fus Safety Sw-Nema1	1.00	0.01	\$	0.01
3180	60A/2P 3WSN 240V HD Fus Safety Sw-Nema3R	7.00	0.01	\$	0.07
NEW SW.B	1000A Main Switchboard/Free Standing-NI	1.00	0.01	\$	0.01
	Added Lump Sum			\$	16,488.00

02 Distribution (Safeco)					\$ 16,488.26
7311	Steel Cable Tray-Mesh Type/4"Dx12"W	1,200.00	6.20	\$	7,440.00
7324	90D Cable Tray Elbow-Mesh Type/4"Dx12"W	2.00	4.16	\$	8.32
7338	Mesh Type Cable Tray Horiz Tee/4"Dx12"W	4.00	4.16	\$	16.64
7345	Mesh Type Cable Tray Horiz X/4"Dx12"W	4.00	8.32	\$	33.28

04 Cable Tray (Safeco)					\$ 7,498.24
6740	Heat Detector	64.00	0.01	\$	0.64
6741	Fire Alarm Pull Station	5.00	0.01	\$	0.05
6744	Bell-10" 120V AC	1.00	0.01	\$	0.01
6747	Horn/Strobe	14.00	0.01	\$	0.14
6748	Horn WP 120V AC	1.00	0.01	\$	0.01
8344	Strobe	5.00	0.01	\$	0.05
8345	Duct Detector	2.00	0.01	\$	0.02
8434	Door Magnet Hold Open	4.00	0.01	\$	0.04
8454	Smoke Detector Addressable	118.00	0.01	\$	1.18
8480	Control module	1.00	0.01	\$	0.01
8595	Tamper Switch	2.00	0.01	\$	0.02
8596	Flow Switch	2.00	0.01	\$	0.02
8657	Monitor module	50.00	0.01	\$	0.50
8907	FA Relay	12.00	0.01	\$	0.12
	Added Lump Sum			\$	162,444.06

06 Fire Alarm (Simplex)					\$ 162,446.87
6957	Motion Control for portable units	1.00	0.01	\$	0.01
	Added Lump Sum			\$	19,300.00

07 Security (Sec. Inter)					\$ 19,300.01
6769	Clock (Single Face)	11.00	0.01	\$	0.11
8814	Ceiling Speakers	17.00	0.01	\$	0.17
	Added Lump Sum			\$	79,688.31

08 Clock & PA (Simplex)					\$ 79,688.59
8416	NM Raceway Base 2 Comp 5400 Iv P/FT	520.00	3.17	\$	1,648.40
8417	NM Raceway Cover 5400 Ivory P/FT	520.00	2.65	\$	1,378.00
8421	NM Device Bracket 5400 Ivory	254.00	7.89	\$	2,004.06
8424	Device Plate	254.00	2.63	\$	668.02
8425	NM End Cap 5400 Ivory	40.00	4.69	\$	187.60

19 Wire Mold (Safeco)					\$ 5,886.08

JOB NAME: Example School Project
All Breakdowns (All)

6954	Tele/data turn key	1.00	0.01	\$	0.01
	Added Lump Sum			\$	97,360.00

30	Telephone Sys (Safeco)			\$	97,360.01
4465	20A SP motion switch	1.00	116.00	\$	116.00
6943	Wall Motion Sensor	8.00	132.00	\$	1,056.00
6944	Ceiling Motion Sensor	8.00	150.00	\$	1,200.00
6945	10 Relay Lighting control panel	2.00	0.01	\$	0.02
6946	22 relay lighting control panel	1.00	0.01	\$	0.01
6947	20 relay lighting control panel	1.00	0.01	\$	0.01
6948	15 relay lighting control panel	2.00	0.01	\$	0.02
6949	5 relay w/internal timeclock lcp	2.00	0.01	\$	0.02
6950	8 relay w/internal time clock lcp	1.00	0.01	\$	0.01

33	Lighting Control (Safeco)			\$	2,372.09
6959	Access Control	1.00	0.01	\$	0.01
	Added Lump Sum			\$	23,920.00

42	Access Panel (16500)			\$	23,920.01
6958	CATV	1.00	0.01	\$	0.01
	Added Lump Sum			\$	11,355.00

73	CATV (16500)			\$	11,355.01
6955	Assistive listening turn key	1.00	0.01	\$	0.01
	Added Lump Sum			\$	17,965.00

84	Quote 84 (Safeco)			\$	17,965.01

Total				\$	585,280.73
Sales Tax (9.25%)				\$	63,278.77
Total Material				\$	747,373.55

Labor Hours

<u>Division</u>	<u>Total</u>	<u>Factor</u>	<u>Extension</u>
01 Raceway, Ftgs, & Boxes	2,679.13	0.00 %	2,679.13
02 Wire & Cable	753.63	0.00 %	753.63
03 Distribution	116.23	0.00 %	116.23
04 Light Fixtures & Lamps	247.10	0.00 %	247.10
05 Wiring Devices & Covers	89.85	0.00 %	89.85
06 Underground/Site	45.26	0.00 %	45.26
07 Misc	369.16	0.00 %	369.16
08 Special Systems	161.83	0.00 %	161.83
09 Remodel/Demolition	65.89	0.00 %	65.89
10 Sound Systems	14.45	0.00 %	14.45

JOB NAME: Example School Project
All Breakdowns (All)

Total	4,542.53	4,542.53
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Labor Rates

<u>Category</u>	<u>% of Total</u>	<u>Hours</u>	<u>Base Rate</u>	<u>Burden</u>	<u>Extension</u>
				\$ _____ %	
Journeyman	100.0	4,542.530	95.00	0.00 0.00	431,540.35
Total	100.0	4,542.530	X 95.00 (AVG LAB RATE W/BURDEN) =		\$ 431,540.35

Job Expenses

<u>Description</u>	<u>Total</u>
Permit	\$ 13,620.00
Temporary Power	\$ 25,000.00
Tool Rental	\$ 5,000.00
Misc	\$ 3,000.00
Total	\$ 46,620.00
Job Subtotal (Prime Cost)	\$ 1,225,533.90
Overhead (7.5%)	\$ 91,915.04
Profit (7.5%)	\$ 98,808.67
Job Total	\$ 1,416,257.61
Actual Bid Price	\$ 1,416,258.00
Material to labor ratio: 0.63	
Cost per square foot	\$ 0.00
Selling price per square foot	\$ 0.00

Example School Project

EXTENSION BY PHASE

Item #	Description	Qty	Price U	Ext Price	Labor U	Ext Labor
--- 01 Raceway, Ftgs, & Boxes ---						
N	jelly jar light	2.00	QUOTE 1	0.00	0.60 E	1.20
1001	3/4" EMT	23,085.00	34.79 C	8,031.26	2.59 C	597.89
1002	1" EMT	525.00	58.53 C	307.30	2.75 C	14.44
1003	1-1/4" EMT	220.00	91.35 C	200.97	3.03 C	6.67
1004	1-1/2" EMT	210.00	109.47 C	229.88	3.30 C	6.92
1005	2" EMT	1,550.00	136.42 C	2,114.51	3.85 C	59.66
1006	2-1/2" EMT	855.00	228.49 C	1,953.59	4.95 C	42.32
1007	3" EMT	225.00	290.87 C	654.45	5.50 C	12.38
1009	5" EMT	200.00	339.02 C	678.04	7.15 C	14.31
1051	3/4" GRC	115.00	131.22 C	150.90	3.85 C	4.43
1053	1-1/4" GRC	310.00	265.37 C	822.65	4.40 C	13.64
1055	2" GRC	400.00	409.09 C	1,636.36	5.50 C	22.00
1056	2-1/2" GRC	400.00	707.74 C	2,830.96	7.43 C	29.72
1122	3/4" Steel Flex	111.00	52.43 C	58.20	2.20 C	2.44
1144	3/4" Liquidtight (metallic)	422.00	113.74 C	479.97	2.20 C	9.28
1340	1-1/4" EMT Elbow	12.00	325.21 C	39.03	0.25 E	3.00
1341	1-1/2" EMT Elbow	6.00	378.22 C	22.70	0.30 E	1.80
1342	2" EMT Elbow	33.00	555.56 C	183.35	0.35 E	11.55
1343	2-1/2" EMT Elbow	13.00	1,352.64 C	175.85	0.50 E	6.50
1344	3" EMT Elbow	15.00	2,016.72 C	302.50	0.60 E	9.00
1346	5" EMT Elbow	15.00	3,180.06 C	477.01	0.85 E	12.75
1348	3/4" GRC Elbow	2.00	340.60 C	6.81	0.30 E	0.60
1467	3/4" Compression Die Cast Conn	2,182.00	44.95 C	980.83	0.13 E	283.66
1468	1" Compression Die Cast Conn	64.00	76.78 C	49.14	0.16 E	10.24
1469	1-1/4" Compression Die Cast Conn	4.00	122.69 C	4.91	0.23 E	0.92
1470	1-1/2" Compression Die Cast Conn	6.00	171.77 C	10.32	0.27 E	1.62
1471	2" Compression Die Cast Conn	36.00	274.65 C	98.86	0.32 E	11.52
1472	2-1/2" Compression Die Cast Conn	18.00	604.28 C	108.77	0.40 E	7.20
1473	3" Compression Die Cast Conn	10.00	686.30 C	68.63	0.50 E	5.00
1475	5" Compression Die Cast Conn	10.00	979.14 C	97.91	0.65 E	6.50
1555	5" Set Screw Die Cast Cplg	19.50	557.14 C	108.64	0.09 E	1.76
1567	3/4" Compressin Die Cast Cplg	2,308.50	51.27 C	1,183.57	0.13 E	300.16
1568	1" Compression Die Cast Cplg	52.50	84.73 C	44.49	0.14 E	7.35
1569	1-1/4" Compression Die Cast Cplg	26.00	153.71 C	39.96	0.18 E	4.68
1570	1-1/2" Compression Die Cast Cplg	27.00	220.06 C	59.41	0.24 E	6.48
1571	2" Compression Die Cast Cplg	188.00	293.87 C	552.48	0.25 E	47.02
1572	2-1/2" Compression Die Cast Cplg	98.50	778.65 C	766.97	0.32 E	31.52
1573	3" Compression Die Cast Cplg	37.50	868.10 C	325.54	0.36 E	13.50
1575	4" Compression Die Cast Cplg	15.50	1,291.95 C	200.26	0.53 E	8.21
1587	3/4" Locknut	20.00	21.65 C	4.34	0.01 E	0.20
1589	1-1/4" Locknut	26.00	54.74 C	14.23	0.02 E	0.52
1592	2-1/2" Locknut	8.00	487.28 C	38.98	0.05 E	0.40
1599	3/4" Plastic Bushing	4.00	24.62 C	0.98	0.01 E	0.04
1601	1-1/4" Plastic Bushing	8.00	113.04 C	9.04	0.02 E	0.16
1602	1-1/2" Plastic Bushing	4.00	74.18 C	2.96	0.02 E	0.08
1603	2" Plastic Bushing	6.00	137.28 C	8.25	0.03 E	0.18
1604	2-1/2" Plastic Bushing	10.00	556.35 C	55.63	0.04 E	0.40
1605	3" Plastic Bushing	10.00	592.26 C	59.23	0.05 E	0.50
1607	5" Plastic Bushing	10.00	489.80 C	48.99	0.07 E	0.70
1766	3/4" Cut & Thread	2.00	0.00 E	0.00	0.14 E	0.28
1768	1-1/4" Cut & Thread	4.00	0.00 E	0.00	0.23 E	0.92
1771	2-1/2" Cut & Thread	2.00	0.00 E	0.00	0.60 E	1.20

Example School Project

EXTENSION BY PHASE

Item #	Description	Qty	Price U	Ext Price	Labor U	Ext Labor
1866	3/4" GRC Coupling	2.00	97.99 C	1.96	0.06 E	0.12
1868	1-1/4" GRC Coupling	8.00	181.44 C	14.52	0.09 E	0.72
1879	3/4" Die Cast Screw-In Flex Conn	36.00	99.28 C	35.74	0.09 E	3.24
1931	3/4" Seal-tite Conn (Str)	78.00	250.91 C	195.71	0.09 E	7.02
2279	3/4" 1-Hole Strap	425.38	45.19 C	192.22	2.29 C	9.74
2280	1" 1-Hole Strap	58.13	90.52 C	52.62	2.29 C	1.32
2283	2" 1-Hole Strap	1.88	1,037.87 C	19.46	2.44 C	0.05
2304	1/2" T-Bar Wire Conduit Clip	372.00	21.65 C	80.54	0.01 E	3.72
2332	1/4" Beam Clamp	372.00	64.82 C	241.14	0.07 E	26.04
2336	3/4" Unistrut Strap	2,560.63	41.11 C	1,052.67	5.00 C	128.06
2337	1" Unistrut Strap	7.50	43.84 C	3.29	6.00 C	0.45
2338	1-1/4" Unistrut Strap	66.25	53.85 C	35.68	7.00 C	4.64
2339	1-1/2" Unistrut Strap	26.25	87.99 C	23.10	8.00 C	2.10
2340	2" Unistrut Strap	201.88	135.58 C	273.71	10.00 C	20.19
2341	2-1/2" Unistrut Strap	106.88	3,033.73 C	3,242.30	10.00 C	10.69
2342	3" Unistrut Strap	28.13	811.62 C	228.27	10.00 C	2.82
2344	5" Unistrut Strap	25.01	1,185.06 C	296.33	11.00 C	2.75
2552	3/8" Hex Nut	960.00	45.98 C	441.41	0.20 C	1.92
2556	Flange Beam Clamp for 3/8" Thrd Rod	240.00	95.63 C	229.51	10.00 C	24.00
2571	4" Square Box (1/2 & 3/4 K0's)	505.00	66.74 C	337.05	0.18 E	90.90
2572	4" Square Box w/brkt (1/2 & 3/4 K0's)	355.00	53.86 C	191.20	0.20 E	71.00
2574	4" Square Deep Box w/brkt (1/2,3/4 K	275.00	201.40 C	553.84	0.20 E	55.00
2577	4-11/16" Square Box w/brkt Comb K0's	10.00	706.99 C	70.70	0.25 E	2.50
2579	1G WP Bell Box-(3)1/2" Hubs	12.00	270.44 C	32.45	0.30 E	3.60
2581	1G WP Bell Box-(3)3/4" Hubs	7.00	456.54 C	31.96	0.32 E	2.24
2586	2G WP Bell Box-(4)3/4" Hubs	4.00	1,040.31 C	41.61	0.37 E	1.48
2725	4" Square-3/0 Plaster Ring-1/2"D	23.00	66.87 C	15.38	0.07 E	1.61
2726	4" Square-3/0 Plaster Ring-5/8"D	205.00	64.97 C	133.19	0.07 E	14.35
2731	4" Square-1G Plaster Ring-5/8"D	355.00	52.07 C	184.85	0.07 E	24.85
2736	4" Square-2G Plaster Ring-5/8"D	18.00	69.49 C	12.50	0.07 E	1.26
2754	4-11/16"-3/0 Plaster Ring-5/8"D	10.00	406.71 C	40.67	0.08 E	0.80
4465	20A SP motion switch	1.00	QUOTE 33	0.00	0.18 E	0.18
6458	8x8x6" Screw Cover Pull Box-Nema 1	2.00	11.77 E	23.54	0.80 E	1.60
6462	12x12x6" Screw Cover Pull Box-Nema 1	1.00	19.43 E	19.43	1.30 E	1.30
6470	12x12x8" Screw Cover Pull Box-Nema 1	5.00	27.93 E	139.65	1.35 E	6.75
6472	18x24x8" Screw Cover Pull Box-Nema 1	3.00	95.79 E	287.37	2.10 E	6.30
6482	8x10x6" Screw Cover Pull Box-Nema 3R	1.00	32.18 E	32.18	1.10 E	1.10
6489	12x12x8" Screw Cover Pull Box-Nema 3	2.00	54.31 E	108.62	1.35 E	2.70
6491	18x18x8" Screw Cover Pull Box-Nema 3	1.00	111.78 E	111.78	1.80 E	1.80
6638	2-Compartment Telepower Pole-4 Sgl R	2.00	112.01 E	224.02	1.40 E	2.80
6928	Relocate recep	1.00	0.00 E	0.00	1.00 E	1.00
6929	Relocate existing pipe runs	1.00	0.00 E	0.00	32.00 E	32.00
6930	Relocate Panel RL	1.00	0.00 E	0.00	6.00 E	6.00
6931	Reroute conduits into classrooms	1.00	0.00 E	0.00	16.00 E	16.00
6932	Remove and reinstall devices for wal	1.00	0.00 E	0.00	6.00 E	6.00
6933	Replace 2 disconnects	1.00	0.00 E	0.00	1.50 E	1.50
6934	Reinstall exposed conduit to above c	1.00	0.00 E	0.00	6.00 E	6.00
6935	Relocat BCS system	1.00	0.00 E	0.00	16.00 E	16.00
6936	Install new speaker box	1.00	0.00 E	0.00	4.00 E	4.00
6937	Install clock sync relay	1.00	0.00 E	0.00	4.00 E	4.00
6938	Replace broken clocks	1.00	0.00 E	0.00	9.00 E	9.00
6939	Westpenn 352 Speaker Wire	1,600.00	142.00 M	227.20	8.50 M	13.60
6940	Demo Vault	1.00	0.00 E	0.00	8.00 E	8.00

Example School Project

EXTENSION BY PHASE

Item #	Description	Qty	Price U	Ext Price	Labor U	Ext Labor
6941	Demo jboxes	1.00	0.00 E	0.00	1.50 E	1.50
6942	Install Amps	5.00	0.00 E	0.00	3.00 E	15.00
6943	Wall Motion Sensor	8.00	QUOTE 33	0.00	0.20 E	1.60
6944	Ceiling Motion Sensor	8.00	QUOTE 33	0.00	0.20 E	1.60
6945	10 Relay Lighting control panel	2.00	QUOTE 33	0.00	3.00 E	6.00
6946	22 relay lighting control panel	1.00	QUOTE 33	0.00	4.00 E	4.00
6947	20 relay lighting control panel	1.00	QUOTE 33	0.00	4.00 E	4.00
6948	15 relay lighting control panel	2.00	QUOTE 33	0.00	3.00 E	6.00
6949	5 relay w/internal timeclock lcp	2.00	QUOTE 33	0.00	2.00 E	4.00
6950	8 relay w/internal time clock lcp	1.00	QUOTE 33	0.00	2.00 E	2.00
6952	25 pair cat 3 telephone wire	375.00	1.67 E	626.25	11.50 M	4.31
6953	#16 tsp	4,050.00	0.19 E	769.50	11.00 M	44.55
6954	Tele/data turn key	1.00	QUOTE 30	0.00	0.00 E	0.00
6955	Assistive listening turn key	1.00	QUOTE 84	0.00	0.00 E	0.00
6956	Cable Tray splice kits	120.00	0.00 E	0.00	0.50 E	60.00
6957	Motion Control for portable units	1.00	QUOTE 7	0.00	0.00 E	0.00
6958	CATV	1.00	QUOTE 73	0.00	0.00 E	0.00
6959	Access Control	1.00	QUOTE 42	0.00	0.00 E	0.00
7311	Steel Cable Tray-Mesh Type/4"Dx12"W	1,200.00	QUOTE 4	0.00	14.00 C	168.00
7324	90D Cable Tray Elbow-Mesh Type/4"Dx1	2.00	QUOTE 4	0.00	1.85 E	3.70
7338	Mesh Type Cable Tray Horiz Tee/4"Dx1	4.00	QUOTE 4	0.00	3.30 E	13.20
7345	Mesh Type Cable Tray Horiz X/4"Dx12"	4.00	QUOTE 4	0.00	3.75 E	15.00
8627	2 Port Connector 600-6	49.00	36.93 E	1,809.57	0.30 E	14.70
8704	Up-Dn- Stop Pushbutton	1.00	71.42 E	71.42	1.50 E	1.50
8907	FA Relay	12.00	QUOTE 6	0.00	0.52 E	6.24
	--- 01 Raceway, Ftgs, & Boxes Total ---			39,055.72		2,679.13
	--- 02 Wire & Cable ---					
2789	#14 THHN CU Stranded Wire	7,423.50	72.24 M	536.28	4.50 M	33.41
2790	#12 THHN CU Stranded Wire	63,369.60	124.97 M	7,919.28	5.50 M	348.54
2791	#10 THHN CU Stranded Wire	13,482.00	193.00 M	2,602.02	6.00 M	80.90
2792	#8 THHN CU Stranded Wire	1,812.00	303.98 M	550.81	6.25 M	11.35
2793	#6 THHN CU Stranded Wire	620.00	468.08 M	290.19	7.00 M	4.35
2794	#4 THHN CU Stranded Wire	540.00	736.29 M	397.59	8.50 M	4.59
2795	#3 THHN CU Stranded Wire	240.00	831.90 M	199.66	9.00 M	2.16
2796	#2 THHN CU Stranded Wire	1,800.00	1,161.89 M	2,091.38	10.00 M	18.00
2797	#1 THHN CU Stranded Wire	405.00	1,472.27 M	596.27	11.00 M	4.46
2798	#1/0 THHN CU Stranded Wire	240.00	1,839.78 M	441.55	13.00 M	3.12
2799	#2/0 THHN CU Stranded Wire	435.00	2,305.05 M	1,002.69	15.00 M	6.53
2800	#3/0 THHN CU Stranded Wire	720.00	2,893.49 M	2,083.32	17.00 M	12.24
2801	#4/0 THHN CU Stranded Wire	720.00	3,634.87 M	2,617.11	20.00 M	14.40
2802	#250MCM THHN CU Stranded Wire	6,480.00	4,309.10 M	27,922.96	22.00 M	142.56
2808	#750MCM THHN CU Stranded Wire	240.00	13,339.00 M	3,201.36	42.00 M	10.08
3126	#2/0 Stranded Bare Copper Wire	50.00	1,821.09 M	91.05	22.85 M	1.14
5045	Manufactured Fixture Whip	372.00	7.59 E	2,823.48	0.15 E	55.80
	--- 02 Wire & Cable Total ---			55,367.00		753.63
	--- 03 Distribution ---					
P1	600 Amp Surf Panel-Nema 1	1.00	QUOTE 2	0.00	16.65 E	16.65
P2	400 Amp Surf Panel-Nema 1	1.00	QUOTE 2	0.00	20.17 E	20.17
3143	30A/2P 3WSN 240V GD Fus Safety Sw-Ne	4.00	QUOTE 2	0.00	1.00 E	4.00
3167	30A/2P 3WSN 240V HD Fus Safety Sw-Ne	11.00	QUOTE 2	0.00	1.10 E	12.10
3170	200A/2P 3WSN 240V HD Fus Safety Sw-N	1.00	QUOTE 2	0.00	3.00 E	3.00

Example School Project

EXTENSION BY PHASE

Item #	Description	Qty	Price U	Ext Price	Labor U	Ext Labor
3180	60A/2P 3WSN 240V HD Fus Safety Sw-Ne	7.00	QUOTE 2	0.00	1.65 E	11.55
3284	20A 250V RK5 Time Delay Fuse	30.00	2.33 E	69.90	0.05 E	1.50
3287	35A 250V RK5 Time Delay Fuse	8.00	4.27 E	34.16	0.05 E	0.40
3288	40A 250V RK5 Time Delay Fuse	6.00	3.71 E	22.26	0.05 E	0.30
3299	175A 250V RK5 Time Delay Fuse	2.00	25.45 E	50.90	0.07 E	0.14
3960	20A 1P 120/240V Bolt-On Circuit Brea	1.00	11.85 E	11.85	0.25 E	0.25
3972	35A 2P 120/240V Bolt-On Circuit Brea	1.00	31.71 E	31.71	0.35 E	0.35
NEW SW	1000A Main Switchboard/Free Standing	1.00	QUOTE 2	0.00	45.82 E	45.82
	--- 03 Distribution Total ---			220.78		116.23
--- 04 Light Fixtures & Lamps ---						
A	4' Wrap-Around 2-Lamp	22.00	QUOTE 1	0.00	0.55 E	12.10
B	4' Wrap-Around 2-Lamp	8.00	QUOTE 1	0.00	0.55 E	4.40
B	4' Wrap-Around 2-Lamp	4.00	QUOTE 1	0.00	0.55 E	2.20
C	H.I.D. Wall Pack Fixture	21.00	QUOTE 1	0.00	0.90 E	18.90
D	4' Recessed Fluor	-4.00	QUOTE 1	0.00	0.55 E	-2.20
D	4' Recessed Fluor	10.00	QUOTE 1	0.00	0.55 E	5.50
E	2'x4' Surf Commercial Fluor	24.00	QUOTE 1	0.00	0.60 E	14.40
F	Exit Fixture	15.00	QUOTE 1	0.00	0.40 E	6.00
G	4' Wrap-Around 2-Lamp	13.00	QUOTE 1	0.00	0.55 E	7.15
H	2'x4' Recessed Fluor	88.00	QUOTE 1	0.00	0.55 E	48.40
I	Compact Fluor Recessed Downlight	23.00	QUOTE 1	0.00	0.45 E	10.35
J	Tube Strip w/cable mounting	4.00	QUOTE 1	0.00	0.45 E	1.80
K	1'x4' Surf Commercial Fluor	35.00	QUOTE 1	0.00	0.60 E	21.00
L	Incand Aisle/Step light	13.00	QUOTE 1	0.00	0.70 E	9.10
M	1'x4' Surf Commercial Fluor	19.00	QUOTE 1	0.00	0.60 E	11.40
O	2'x2' Recessed Fluor	8.00	QUOTE 1	0.00	0.45 E	3.60
P	2'x4' Recessed Fluor	101.00	QUOTE 1	0.00	0.55 E	55.55
Q	2'x4' Recessed Fluor	17.00	QUOTE 1	0.00	0.55 E	9.35
R	Compact Fluor Recessed Downlight	3.00	QUOTE 1	0.00	0.45 E	1.35
S	Pendent fixture	6.00	QUOTE 1	0.00	0.90 E	5.40
T	Compact Fluor Recessed Downlight	3.00	QUOTE 1	0.00	0.45 E	1.35
	--- 04 Light Fixtures & Lamps Total ---			0.00		247.10
--- 05 Wiring Devices & Covers ---						
4459	20A Spec Grade SP Switch	39.00	196.41 C	76.60	0.15 E	5.85
4460	20A Prem Spec Grade SP Switch	2.00	196.41 C	3.93	0.18 E	0.36
4511	20A/125V Spec Grade Dup Rcpt (5-20R)	198.00	113.74 C	225.20	0.15 E	29.70
4512	20A/125V Prem Spec Grade Dup Rcpt(5-	17.00	483.45 C	82.19	0.24 E	4.08
4518	20A/125V Spec Grade GFI Dup Rcpt (5-	7.00	8.73 E	61.11	0.19 E	1.33
4519	20A/125V PremSpec Grde GFI Duplex(5-	1.00	8.73 E	8.73	0.19 E	0.19
4672	1G Plastic Switch Plate	11.00	19.03 C	2.09	0.08 E	0.88
4696	1G SS Toggle Sw Plate	15.00	78.06 C	11.71	0.08 E	1.20
4697	1G SS Dup Rcpt Plate	53.00	79.79 C	42.29	0.06 E	3.18
4700	1G SS Decora/GFI Plate	1.00	94.96 C	0.95	0.05 E	0.05
4703	2G SS Toggle Sw Plate	12.00	152.64 C	18.32	0.10 E	1.20
4704	2G SS Dup Rcpt Plate	6.00	162.89 C	9.77	0.08 E	0.48
4716	4" Square 1G Ind Switch Cover	1.00	95.30 C	0.95	0.07 E	0.07
4717	4" Square 1G Ind Dup Rcpt Cover	17.00	95.30 C	16.20	0.07 E	1.19
4721	4" Square-2G Ind Dup Rcpt Cover	3.00	95.30 C	2.86	0.10 E	0.30
4771	1G WP Duplex Recptacle Cover	7.00	298.90 C	20.92	0.12 E	0.84
4772	1G WP Switch Cover	2.00	104.21 C	2.08	0.12 E	0.24
4773	1G WP Blank Cover	7.00	81.33 C	5.69	0.12 E	0.84

Example School Project

EXTENSION BY PHASE

Item #	Description	Qty	Price U	Ext Price	Labor U	Ext Labor
4776	2G WP Blank Cover	4.00	137.95 C	5.52	0.13 E	0.52
4790	4" Square Flat Blank Cover	372.00	24.82 C	92.34	0.07 E	26.04
4791	4" Square Flat Blank Cover w/KO	141.00	58.68 C	82.73	0.07 E	9.87
5585	1P Manual Starter-Nema 1	1.00	35.61 E	35.61	0.40 E	0.40
8261	Grndscr&Bare Pigtail	87.00	35.92 C	31.27	1.20 C	1.04
	--- 05 Wiring Devices & Covers Total ---			839.06		89.85
	--- 06 Underground/Site ---					
1188	3/4" PVC Conduit	105.00	13.97 C	14.66	1.65 C	1.73
1190	1-1/4" PVC Conduit	210.00	28.39 C	59.62	2.20 C	4.62
1192	2" PVC Conduit	400.00	44.56 C	178.24	2.75 C	11.00
1193	2-1/2" PVC Conduit	200.00	71.54 C	143.08	3.30 C	6.60
2061	3/4" PVC Male Adaptor	12.00	19.99 C	2.40	0.05 E	0.60
2063	1-1/4" PVC Male Adaptor	10.00	35.63 C	3.57	0.07 E	0.70
2115	3/4" PVC Coupling	11.00	10.97 C	1.21	0.03 E	0.33
2119	2" PVC Coupling	16.00	40.29 C	6.45	0.07 E	1.12
2127	3/4" PVC Elbow	11.00	40.51 C	4.46	0.09 E	0.99
2131	2" PVC Elbow	16.00	165.01 C	26.40	0.30 E	4.80
2163	1-1/4" GRC Elbow	6.00	716.59 C	43.00	0.42 E	2.52
2366	2"x3" Base Spacer	100.00	73.43 C	73.43	10.00 C	10.00
8173	1-1/4" PVC (Schedule-80)	10.00	41.86 C	4.19	2.48 C	0.25
	--- 06 Underground/Site Total ---			560.71		45.26
	--- 07 Misc ---					
2550	3/8" All Thread	912.00	48.95 C	446.42	6.29 C	57.36
3107	1/8" Poly Pull Line	6,547.80	5.79 M	37.91	2.00 M	13.10
6644	Unistrut (Deep)	480.00	167.07 C	801.94	10.00 C	48.00
6650	Cut Unistrut (labor)	120.00	0.00 E	0.00	0.15 E	18.00
6673	3/4"x10' Copper Ground Rod	2.00	3,168.00 C	63.36	0.37 E	0.74
6684	1-1/4-2" Ground Clamp	1.00	688.28 C	6.88	0.25 E	0.25
6839	Red Wirenuts	2,331.00	90.00 M	209.79	1.75 C	40.85
8368	F20 Alloy-CU-CU & CU-Steel Weld	3.00	13.45 E	40.35	0.70 E	2.10
8416	NM Raceway Base 2 Comp 5400 Iv P/FT	520.00	QUOTE 19	0.00	7.00 C	36.40
8417	NM Raceway Cover 5400 Ivory P/FT	520.00	QUOTE 19	0.00	1.25 C	6.50
8421	NM Device Bracket 5400 Ivory	254.00	QUOTE 19	0.00	0.25 E	63.50
8424	Device Plate	254.00	QUOTE 19	0.00	0.15 E	38.10
8425	NM End Cap 5400 Ivory	40.00	QUOTE 19	0.00	0.25 E	10.00
8429	NM Int Elbow 5400 Ivory	1.00	6.45 E	6.45	0.62 E	0.62
8650	14/2 Pr Unshielded Cable	740.00	879.44 M	650.79	11.26 M	8.33
VDC002	Plenum Cat 5 24gauge 4pair	245.00	226.89 M	55.59	8.85 M	2.17
VDC021	18/2 Pr Shield Cable	1,560.00	123.91 M	193.30	14.83 M	23.14
	--- 07 Misc Total ---			2,512.78		369.16
	--- 08 Special Systems ---					
6740	Heat Detector	64.00	QUOTE 6	0.00	0.35 E	22.40
6741	Fire Alarm Pull Station	5.00	QUOTE 6	0.00	0.35 E	1.75
6744	Bell-10" 120V AC	1.00	QUOTE 6	0.00	0.50 E	0.50
6747	Horn/Strobe	14.00	QUOTE 6	0.00	0.50 E	7.00
6748	Horn WP 120V AC	1.00	QUOTE 6	0.00	0.75 E	0.75
6769	Clock (Single Face)	11.00	QUOTE 8	0.00	0.80 E	8.80
8344	Strobe	5.00	QUOTE 6	0.00	0.50 E	2.50
8345	Duct Detector	2.00	QUOTE 6	0.00	1.80 E	3.60
8434	Door Magnet Hold Open	4.00	QUOTE 6	0.00	0.45 E	1.80

Example School Project

EXTENSION BY PHASE

Item #	Description	Qty	Price U	Ext Price	Labor U	Ext Labor
8454	Smoke Detector Addressable	118.00	QUOTE 6	0.00	0.36 E	42.48
8480	Control module	1.00	QUOTE 6	0.00	1.35 E	1.35
8595	Tamper Switch	2.00	QUOTE 6	0.00	0.35 E	0.70
8596	Flow Switch	2.00	QUOTE 6	0.00	0.35 E	0.70
8657	Monitor module	50.00	QUOTE 6	0.00	1.35 E	67.50
	--- 08 Special Systems Total ---			0.00		161.83
	--- 09 Remodel/Demolition ---					
8866	Hole in Mansorary Wall 1"- 1 1/2"	13.00	0.00 E	0.00	0.75 E	9.75
8867	Hole in Mansorary Wall 2"- 2 1/2"	14.00	0.00 E	0.00	1.25 E	17.50
8872	Firestop Hole 1"-1 1/2"	13.00	6.00 E	78.00	0.50 E	6.50
8873	Firestop Hole 2"-2 1/2"	16.00	8.00 E	128.00	0.75 E	12.00
8875	Core Drill Hole 3/4"-1 1/4"	14.00	3.00 E	42.00	0.78 E	10.92
8878	Core Drill Hole 2 1/2"	2.00	5.00 E	10.00	1.17 E	2.34
8895	Demo (Per/M Sq.Ft)	0.00	0.00 E	0.00	15.00 M	0.00
8897	Remove Conduit 1 1/4"-2"	1,239.00	0.00 E	0.00	2.20 M	2.73
8900	Remove Wire #14-#10	1,239.00	0.00 E	0.00	3.35 M	4.15
	--- 09 Remodel/Demolition Total ---			258.00		65.89
	--- 10 Sound Systems ---					
8814	Ceiling Speakers	17.00	QUOTE 8	0.00	0.85 E	14.45
	--- 10 Sound Systems Total ---			0.00		14.45
	Job Total			98,814.05		4,542.53

Example School Project Audit Trail

SECTION: Branch Power

BREAKDOWN: Breakdown #1

1	Length: 105.00	
1009	5" EMT	105.00
1346	5" EMT Elbow	9.00
1555	5" Set Screw Die Cast Cplg	19.50
A1535	4" Comp Die Cast Conn & Plast Bush	6.00
1475	5" Compression Die Cast Conn	6.00
1607	5" Plastic Bushing	6.00
2344	5" Unistrut Strap	13.13
2	Length: 45.00	
1004	1-1/2" EMT	45.00
1341	1-1/2" EMT Elbow	3.00
1570	1-1/2" Compression Die Cast Cplg	7.50
A1530	1-1/2" Comp Die Cast Conn & Plast Bush	2.00
1470	1-1/2" Compression Die Cast Conn	2.00
1602	1-1/2" Plastic Bushing	2.00
2795	#3 THHN CU Stranded Wire	240.00
2793	#6 THHN CU Stranded Wire	60.00
2339	1-1/2" Unistrut Strap	5.63
3	Length: 45.00	
1005	2" EMT	45.00
1342	2" EMT Elbow	3.00
1571	2" Compression Die Cast Cplg	7.50
A1531	2" Comp Die Cast Conn & Plast Bush	2.00
1471	2" Compression Die Cast Conn	2.00
1603	2" Plastic Bushing	2.00
2800	#3/0 THHN CU Stranded Wire	240.00
2792	#8 THHN CU Stranded Wire	60.00
2340	2" Unistrut Strap	5.63
4	8627 2 Port Connector 600-6	49.00
5	Length: 45.00	
1004	1-1/2" EMT	45.00
1341	1-1/2" EMT Elbow	3.00
1570	1-1/2" Compression Die Cast Cplg	7.50
A1530	1-1/2" Comp Die Cast Conn & Plast Bush	2.00
1470	1-1/2" Compression Die Cast Conn	2.00
1602	1-1/2" Plastic Bushing	2.00
2794	#4 THHN CU Stranded Wire	240.00
2793	#6 THHN CU Stranded Wire	60.00
2339	1-1/2" Unistrut Strap	5.63
6	Length: 45.00	
1005	2" EMT	45.00
1342	2" EMT Elbow	3.00
1571	2" Compression Die Cast Cplg	7.50
A1531	2" Comp Die Cast Conn & Plast Bush	2.00
1471	2" Compression Die Cast Conn	2.00
1603	2" Plastic Bushing	2.00
2798	#1/0 THHN CU Stranded Wire	240.00
2793	#6 THHN CU Stranded Wire	60.00
2340	2" Unistrut Strap	5.63

Example School Project Audit Trail

7	Length: 45.00	
1007	3" EMT	90.00
1344	3" EMT Elbow	6.00
1573	3" Compression Die Cast Cplg	15.00
A1533	3" Comp Die Cast Conn & Plast Bush	4.00
1473	3" Compression Die Cast Conn	4.00
1605	3" Plastic Bushing	4.00
2802	#250MCM THHN CU Stranded Wire	480.00
2794	#4 THHN CU Stranded Wire	120.00
2342	3" Unistrut Strap	11.25
8	Length: 45.00	
1006	2-1/2" EMT	45.00
1343	2-1/2" EMT Elbow	3.00
1572	2-1/2" Compression Die Cast Cplg	7.50
A1532	2-1/2" Comp Die Cast Conn & Plast Bush	2.00
1472	2-1/2" Compression Die Cast Conn	2.00
1604	2-1/2" Plastic Bushing	2.00
2799	#2/0 THHN CU Stranded Wire	240.00
2793	#6 THHN CU Stranded Wire	60.00
2341	2-1/2" Unistrut Strap	5.63
10	Length: 45.00	
1007	3" EMT	135.00
1344	3" EMT Elbow	9.00
1573	3" Compression Die Cast Cplg	22.50
A1533	3" Comp Die Cast Conn & Plast Bush	6.00
1473	3" Compression Die Cast Conn	6.00
1605	3" Plastic Bushing	6.00
2801	#4/0 THHN CU Stranded Wire	720.00
2794	#4 THHN CU Stranded Wire	180.00
2342	3" Unistrut Strap	16.88
11	Length: 45.00	
1006	2-1/2" EMT	90.00
1343	2-1/2" EMT Elbow	6.00
1572	2-1/2" Compression Die Cast Cplg	15.00
A1532	2-1/2" Comp Die Cast Conn & Plast Bush	4.00
1472	2-1/2" Compression Die Cast Conn	4.00
1604	2-1/2" Plastic Bushing	4.00
2800	#3/0 THHN CU Stranded Wire	480.00
2793	#6 THHN CU Stranded Wire	120.00
2341	2-1/2" Unistrut Strap	11.25
12	Length: 45.00	
1005	2" EMT	45.00
1342	2" EMT Elbow	3.00
1571	2" Compression Die Cast Cplg	7.50
A1531	2" Comp Die Cast Conn & Plast Bush	2.00
1471	2" Compression Die Cast Conn	2.00
1603	2" Plastic Bushing	2.00
2796	#2 THHN CU Stranded Wire	240.00
2793	#6 THHN CU Stranded Wire	60.00
2340	2" Unistrut Strap	5.63

Example School Project Audit Trail

13	Length: 45.00	
1009	5" EMT	45.00
1346	5" EMT Elbow	3.00
1575	4" Compression Die Cast Cplg	7.50
A1535	4" Comp Die Cast Conn & Plast Bush	2.00
1475	5" Compression Die Cast Conn	2.00
1607	5" Plastic Bushing	2.00
2808	#750MCM THHN CU Stranded Wire	240.00
2796	#2 THHN CU Stranded Wire	60.00
2344	5" Unistrut Strap	5.63
14	Length: 50.00	
1009	5" EMT	50.00
1346	5" EMT Elbow	3.00
1575	4" Compression Die Cast Cplg	8.00
A1535	4" Comp Die Cast Conn & Plast Bush	2.00
1475	5" Compression Die Cast Conn	2.00
1607	5" Plastic Bushing	2.00
2799	#2/0 THHN CU Stranded Wire	195.00
2793	#6 THHN CU Stranded Wire	65.00
2344	5" Unistrut Strap	6.25
15 6462	12x12x6" Screw Cover Pull Box-Nema 1	1.00
16	Length: 280.00	
1001	3/4" EMT	280.00
1567	3/4" Compression Die Cast Cplg	28.00
1467	3/4" Compression Die Cast Conn	10.00
2792	#8 THHN CU Stranded Wire	1,065.00
2791	#10 THHN CU Stranded Wire	294.00
2336	3/4" Unistrut Strap	35.00
17	Length: 25.00	
1144	3/4" Liquidtight (metallic)	25.00
1931	3/4" Seal-tite Conn (Str)	10.00
2792	#8 THHN CU Stranded Wire	75.00
2791	#10 THHN CU Stranded Wire	26.25
2279	3/4" 1-Hole Strap	3.13
18	Length: 10.00	
1144	3/4" Liquidtight (metallic)	10.00
1931	3/4" Seal-tite Conn (Str)	4.00
2791	#10 THHN CU Stranded Wire	31.50
2790	#12 THHN CU Stranded Wire	10.50
2279	3/4" 1-Hole Strap	1.25
19	Length: 120.00	
1001	3/4" EMT	120.00
1567	3/4" Compression Die Cast Cplg	12.00
1467	3/4" Compression Die Cast Conn	4.00
2791	#10 THHN CU Stranded Wire	378.00
2790	#12 THHN CU Stranded Wire	126.00
2336	3/4" Unistrut Strap	15.00
20	Length: 670.00	
1001	3/4" EMT	670.00

Example School Project Audit Trail

1567	3/4" Compressin Die Cast Cplg	67.00
1467	3/4" Compression Die Cast Conn	8.00
2791	#10 THHN CU Stranded Wire	6,331.50
2336	3/4" Unistrut Strap	83.75
21	Length: 495.00	
1001	3/4" EMT	495.00
1567	3/4" Compressin Die Cast Cplg	49.50
1467	3/4" Compression Die Cast Conn	4.00
2791	#10 THHN CU Stranded Wire	3,638.25
2336	3/4" Unistrut Strap	61.88
22	Length: 320.00	
1001	3/4" EMT	320.00
1567	3/4" Compressin Die Cast Cplg	32.00
1467	3/4" Compression Die Cast Conn	4.00
2791	#10 THHN CU Stranded Wire	1,680.00
2336	3/4" Unistrut Strap	40.00
23	Length: 350.00	
1001	3/4" EMT	350.00
1567	3/4" Compressin Die Cast Cplg	35.00
1467	3/4" Compression Die Cast Conn	4.00
2791	#10 THHN CU Stranded Wire	1,102.50
2336	3/4" Unistrut Strap	43.75
24	A5779 4" Square Box & Blank Cover	78.00
2571	4" Square Box (1/2 & 3/4 KO's)	78.00
4791	4" Square Flat Blank Cover w/KO	78.00
25	Length: 655.00	
1001	3/4" EMT	655.00
1567	3/4" Compressin Die Cast Cplg	65.50
1467	3/4" Compression Die Cast Conn	24.00
2790	#12 THHN CU Stranded Wire	6,189.75
2336	3/4" Unistrut Strap	81.88
26	Length: 390.00	
1001	3/4" EMT	390.00
1567	3/4" Compressin Die Cast Cplg	39.00
1467	3/4" Compression Die Cast Conn	32.00
2790	#12 THHN CU Stranded Wire	2,866.50
2336	3/4" Unistrut Strap	48.75
28	Length: 1,220.00	
1001	3/4" EMT	1,220.00
1567	3/4" Compressin Die Cast Cplg	122.00
1467	3/4" Compression Die Cast Conn	74.00
2790	#12 THHN CU Stranded Wire	6,405.00
2336	3/4" Unistrut Strap	152.50
29	Length: 90.00	
1001	3/4" EMT	90.00
1567	3/4" Compressin Die Cast Cplg	9.00
1467	3/4" Compression Die Cast Conn	4.00

Example School Project Audit Trail

2790	#12 THHN CU Stranded Wire	378.00
2336	3/4" Unistrut Strap	11.25
30	Length: 2,580.00	
1001	3/4" EMT	2,580.00
1567	3/4" Compression Die Cast Cplg	258.00
1467	3/4" Compression Die Cast Conn	196.00
2790	#12 THHN CU Stranded Wire	8,127.00
2336	3/4" Unistrut Strap	322.50
31	A5599 20A/Duplex/Spec Grade/SS Plate	53.00
2572	4" Square Box w/brkt (1/2 & 3/4 K0's)	53.00
2731	4" Square-1G Plaster Ring-5/8"D	53.00
4697	1G SS Dup Rcpt Plate	53.00
4511	20A/125V Spec Grade Dup Rcpt (5-20R)	53.00
8261	Grndscr&Bare Pigtail	53.00
32	4511 20A/125V Spec Grade Dup Rcpt (5-20R)	127.00
33	A5698 20A/Duplex/Prem Spec Grade/Ind Cvr	17.00
2571	4" Square Box (1/2 & 3/4 K0's)	17.00
4717	4" Square 1G Ind Dup Rcpt Cover	17.00
4512	20A/125V Prem Spec Grade Dup Rcpt(5-20R)	17.00
8261	Grndscr&Bare Pigtail	17.00
34	A5714 20A/GFI/Spec Grade/Alum Box & WP Cvr	6.00
2579	1G WP Bell Box-(3)1/2" Hubs	6.00
4771	1G WP Duplex Recptacle Cover	6.00
4518	20A/125V Spec Grade GFI Dup Rcpt (5-20R)	6.00
8261	Grndscr&Bare Pigtail	6.00
35	A5618 20A/GFI/Spec Grade/SS Plate	1.00
2572	4" Square Box w/brkt (1/2 & 3/4 K0's)	1.00
2731	4" Square-1G Plaster Ring-5/8"D	1.00
4700	1G SS Decora/GFI Plate	1.00
4518	20A/125V Spec Grade GFI Dup Rcpt (5-20R)	1.00
8261	Grndscr&Bare Pigtail	1.00
36	A5609 20A/Quad/Spec Grade/SS Plate	6.00
2572	4" Square Box w/brkt (1/2 & 3/4 K0's)	6.00
2736	4" Square-2G Plaster Ring-5/8"D	6.00
4704	2G SS Dup Rcpt Plate	6.00
4511	20A/125V Spec Grade Dup Rcpt (5-20R)	12.00
8261	Grndscr&Bare Pigtail	6.00
37	A5705 20A/Quad/Spec Grade/Ind Cvr	3.00
2571	4" Square Box (1/2 & 3/4 K0's)	3.00
4721	4" Square-2G Ind Dup Rcpt Cover	3.00
4511	20A/125V Spec Grade Dup Rcpt (5-20R)	6.00
8261	Grndscr&Bare Pigtail	3.00
38	5585 1P Manual Starter-Nema 1	1.00
39	A5582 [S-pilot] 20A/Ind Cvr	1.00
2571	4" Square Box (1/2 & 3/4 K0's)	1.00
4716	4" Square 1G Ind Switch Cover	1.00

Example School Project Audit Trail

4465	20A SP motion switch	1.00
40 A5412	[SS] 20A/Spec Grade/SS Plate	1.00
2572	4" Square Box w/brkt (1/2 & 3/4 K0's)	1.00
2736	4" Square-2G Plaster Ring-5/8"D	1.00
4703	2G SS Toggle Sw Plate	1.00
4459	20A Spec Grade SP Switch	2.00
41 A5392	[S] 20A/Spec Grade/SS Plate	10.00
2572	4" Square Box w/brkt (1/2 & 3/4 K0's)	10.00
2731	4" Square-1G Plaster Ring-5/8"D	10.00
4696	1G SS Toggle Sw Plate	10.00
4459	20A Spec Grade SP Switch	10.00
42 A5766	4" Square Box & 1G Ring/No Cvr	1.00
2574	4" Square Deep Box w/brkt (1/2,3/4 K0's)	1.00
2731	4" Square-1G Plaster Ring-5/8"D	1.00
43	Length: 310.00	
1001	3/4" EMT	310.00
1567	3/4" Compression Die Cast Cplg	31.00
1467	3/4" Compression Die Cast Conn	16.00
3107	1/8" Poly Pull Line	325.50
2336	3/4" Unistrut Strap	38.75
44	Length: 30.00	
1001	3/4" EMT	30.00
1567	3/4" Compression Die Cast Cplg	3.00
1467	3/4" Compression Die Cast Conn	6.00
2790	#12 THHN CU Stranded Wire	94.50
2336	3/4" Unistrut Strap	3.75
45	Length: 105.00	
1002	1" EMT	105.00
1568	1" Compression Die Cast Cplg	10.50
1468	1" Compression Die Cast Conn	14.00
2790	#12 THHN CU Stranded Wire	551.25
2280	1" 1-Hole Strap	13.13
46	Length: 105.00	
1002	1" EMT	105.00
1568	1" Compression Die Cast Cplg	10.50
1468	1" Compression Die Cast Conn	14.00
3107	1/8" Poly Pull Line	110.25
2280	1" 1-Hole Strap	13.13
47	Length: 60.00	
1122	3/4" Steel Flex	60.00
1879	3/4" Die Cast Screw-In Flex Conn	12.00
2790	#12 THHN CU Stranded Wire	189.00
2279	3/4" 1-Hole Strap	7.50
48	Length: 30.00	
1122	3/4" Steel Flex	30.00
1879	3/4" Die Cast Screw-In Flex Conn	10.00
2790	#12 THHN CU Stranded Wire	94.50

Example School Project Audit Trail

2279	3/4" 1-Hole Strap	3.75
49	Length: 21.00	
1122	3/4" Steel Flex	21.00
1879	3/4" Die Cast Screw-In Flex Conn	14.00
2790	#12 THHN CU Stranded Wire	66.15
2279	3/4" 1-Hole Strap	2.63
50	Length: 120.00	
1002	1" EMT	120.00
1568	1" Compression Die Cast Cplg	12.00
1468	1" Compression Die Cast Conn	16.00
3107	1/8" Poly Pull Line	126.00
2280	1" 1-Hole Strap	15.00
51	Length: 120.00	
1002	1" EMT	120.00
1568	1" Compression Die Cast Cplg	12.00
1468	1" Compression Die Cast Conn	16.00
2790	#12 THHN CU Stranded Wire	630.00
2280	1" 1-Hole Strap	15.00
52	Length: 60.00	
1001	3/4" EMT	60.00
1567	3/4" Compression Die Cast Cplg	6.00
1467	3/4" Compression Die Cast Conn	2.00
2792	#8 THHN CU Stranded Wire	300.00
2336	3/4" Unistrut Strap	7.50
53	Length: 3.00	
1144	3/4" Liquidtight (metallic)	3.00
1931	3/4" Seal-tite Conn (Str)	2.00
2792	#8 THHN CU Stranded Wire	12.00
2279	3/4" 1-Hole Strap	0.38
54	Length: 12.00	
1144	3/4" Liquidtight (metallic)	12.00
1931	3/4" Seal-tite Conn (Str)	6.00
2790	#12 THHN CU Stranded Wire	37.80
2279	3/4" 1-Hole Strap	1.50
2579	1G WP Bell Box-(3)1/2" Hubs	3.00
55	Length: 15.00	
1005	2" EMT	15.00
1342	2" EMT Elbow	1.00
1571	2" Compression Die Cast Cplg	2.50
1471	2" Compression Die Cast Conn	2.00
3107	1/8" Poly Pull Line	15.75
2283	2" 1-Hole Strap	1.88
56	Length: 15.00	
1002	1" EMT	15.00
1568	1" Compression Die Cast Cplg	1.50
1468	1" Compression Die Cast Conn	2.00
2790	#12 THHN CU Stranded Wire	141.75
2280	1" 1-Hole Strap	1.88

Example School Project Audit Trail

57	Length: 60.00	
1002	1" EMT	60.00
1568	1" Compression Die Cast Cplg	6.00
1468	1" Compression Die Cast Conn	2.00
2792	#8 THHN CU Stranded Wire	300.00
2337	1" Unistrut Strap	7.50
58	Length: 120.00	
1004	1-1/2" EMT	120.00
1570	1-1/2" Compression Die Cast Cplg	12.00
1470	1-1/2" Compression Die Cast Conn	2.00
2797	#1 THHN CU Stranded Wire	405.00
2793	#6 THHN CU Stranded Wire	135.00
2339	1-1/2" Unistrut Strap	15.00
59	8875 Core Drill Hole 3/4"-1 1/4"	14.00
60	Length: 280.00	
1005	2" EMT	280.00
1342	2" EMT Elbow	4.00
1571	2" Compression Die Cast Cplg	32.00
1471	2" Compression Die Cast Conn	2.00
3107	1/8" Poly Pull Line	294.00
2340	2" Unistrut Strap	35.00
61	Length: 65.00	
1001	3/4" EMT	65.00
1567	3/4" Compression Die Cast Cplg	6.50
1467	3/4" Compression Die Cast Conn	2.00
3107	1/8" Poly Pull Line	68.25
2336	3/4" Unistrut Strap	8.13
62	Length: 50.00	
1005	2" EMT	50.00
1342	2" EMT Elbow	3.00
1571	2" Compression Die Cast Cplg	8.00
1471	2" Compression Die Cast Conn	2.00
3107	1/8" Poly Pull Line	52.50
2340	2" Unistrut Strap	6.25
63	6928 Relocate recep	1.00
64	6929 Relocate existing pipe runs	1.00
65	6930 Relocate Panel RL	1.00
66	6931 Reroute conduits into classrooms	1.00
67	8704 Up-Dn- Stop Pushbutton	1.00
68	6932 Remove and reinstall devices for wall	1.00
69	6933 Replace 2 disconnects	1.00
70	6934 Reinstall exposed conduit to above ceili	1.00

Example School Project Audit Trail

71	6935	Relocat BCS system	1.00
72	6936	Install new speaker box	1.00
73	6937	Install clock sync relay	1.00
74	3960	20A 1P 120/240V Bolt-On Circuit Breaker	1.00
75	3972	35A 2P 120/240V Bolt-On Circuit Breaker	1.00
76	A5766	4" Square Box & 1G Ring/No Cvr	163.00
	2574	4" Square Deep Box w/brkt (1/2,3/4 K0's)	163.00
	2731	4" Square-1G Plaster Ring-5/8"D	163.00
77		Length: 2,445.00	
	1001	3/4" EMT	2,445.00
	1567	3/4" Compression Die Cast Cplg	244.50
	1467	3/4" Compression Die Cast Conn	326.00
	3107	1/8" Poly Pull Line	2,567.25
	2279	3/4" 1-Hole Strap	305.63
78		Length: 375.00	
	1001	3/4" EMT	375.00
	1567	3/4" Compression Die Cast Cplg	37.50
	1467	3/4" Compression Die Cast Conn	50.00
	3107	1/8" Poly Pull Line	393.75
	2279	3/4" 1-Hole Strap	46.88
79	A5766	4" Square Box & 1G Ring/No Cvr	25.00
	2574	4" Square Deep Box w/brkt (1/2,3/4 K0's)	25.00
	2731	4" Square-1G Plaster Ring-5/8"D	25.00
80	6938	Replace broken clocks	1.00
81		Length: 410.00	
	1001	3/4" EMT	410.00
	1567	3/4" Compression Die Cast Cplg	41.00
	1467	3/4" Compression Die Cast Conn	10.00
	3107	1/8" Poly Pull Line	430.50
	2336	3/4" Unistrut Strap	51.25
82		Length: 40.00	
	1001	3/4" EMT	40.00
	1567	3/4" Compression Die Cast Cplg	4.00
	1467	3/4" Compression Die Cast Conn	2.00
	2789	#14 THHN CU Stranded Wire	378.00
	2336	3/4" Unistrut Strap	5.00
83		Length: 165.00	
	1001	3/4" EMT	165.00
	1567	3/4" Compression Die Cast Cplg	16.50
	1467	3/4" Compression Die Cast Conn	8.00
	2336	3/4" Unistrut Strap	20.63

Example School Project Audit Trail

85	VDC0028	Plenum Cat 5 24gauge 4pair	245.00
86	VDC0216	18/2 Pr Shield Cable	80.00
87	6939	Westpenn 352 Speaker Wire	1,600.00
88	P1	600 Amp Surf Panel-Nema 1 120/208 Volt 3 Phase/4 Wire Main: 500A 3P Circuit Breaker	1.00
	4146	100A 2P Bolt-On Circuit Breaker	10.00
	4137	30A 2P Bolt-On Circuit Breaker	1.00
	4125	20A 1P Bolt-On Circuit Breaker	1.00
89	P2	400 Amp Surf Panel-Nema 1 2 Sections 120/208 Volt 3 Phase/4 Wire Main: 400A 3P Circuit Breaker	1.00
	4125	20A 1P Bolt-On Circuit Breaker	44.00
	4133	Spare 20A 1P Bolt-On Circuit Breaker	9.00
	4135	20A 2P Bolt-On Circuit Breaker	2.00
	4152	40A 3P Bolt-On Circuit Breaker	3.00
	4141	50A 2P Bolt-On Circuit Breaker	1.00
	4151	35A 3P Bolt-On Circuit Breaker	3.00
	4161	125A 3P Bolt-On Circuit Breaker	1.00
	8380	20A 1P Bolt-On Shunt trip breaker	1.00
90		Length: 50.00	
	3126	#2/0 Stranded Bare Copper Wire	50.00
	2279	3/4" 1-Hole Strap	6.25
91	6673	3/4"x10' Copper Ground Rod	2.00
92	8368	F20 Alloy-CU-CU & CU-Steel Weld	3.00
93	6684	1-1/4-2" Ground Clamp	1.00
94	NEW SW.B	1000A Main Switchboard/Free Standing-N1 3 Sections 120/208 Volt 3 Phase/4 Wire Main: 1000A 3P Circuit Breaker	1.00
	4242	100A 3P Circuit Breaker	4.00
	4245	175A 3P Circuit Breaker	2.00
	4246	200A 3P Circuit Breaker	3.00
	4245	175A 3P Circuit Breaker	2.00
	4244	150A 3P Circuit Breaker	1.00
	4251	400A 3P Circuit Breaker	1.00
	4252	500A 3P Circuit Breaker	1.00
	4247	225A 3P Circuit Breaker	2.00
	4243	125A 3P Circuit Breaker	1.00
	4240	80A 3P Circuit Breaker	1.00
	4235	30A 3P Circuit Breaker	1.00
95	6489	12x12x8" Screw Cover Pull Box-Nema 3R	1.00

Example School Project Audit Trail

96	6470	12x12x8" Screw Cover Pull Box-Nema 1	3.00
97	6489	12x12x8" Screw Cover Pull Box-Nema 3R	1.00
98	6470	12x12x8" Screw Cover Pull Box-Nema 1	2.00
99	6491	18x18x8" Screw Cover Pull Box-Nema 3R	1.00
100	6472	18x24x8" Screw Cover Pull Box-Nema 1	3.00
101	8897	Remove Conduit 1 1/4"-2"	1,239.00
102	8900	Remove Wire #14-#10	1,239.00
103	8895	Demo (Per/M Sq.Ft)	17,931.00
104	6940	Demo Vault	1.00
105	6941	Demo jboxes	1.00
106		Length: 330.00	
	2790	#12 THHN CU Stranded Wire	346.50
107	6942	Install Amps	5.00
108	3167	30A/2P 3WSN 240V HD Fus Safety Sw-Nema 1	11.00
	3284	20A 250V RK5 Time Delay Fuse	22.00
109	3143	30A/2P 3WSN 240V GD Fus Safety Sw-Nema 1	4.00
	3284	20A 250V RK5 Time Delay Fuse	8.00
110	3180	60A/2P 3WSN 240V HD Fus Safety Sw-Nema3R	3.00
	3288	40A 250V RK5 Time Delay Fuse	6.00
111	3180	60A/2P 3WSN 240V HD Fus Safety Sw-Nema3R	4.00
	3287	35A 250V RK5 Time Delay Fuse	8.00
112	3170	200A/2P 3WSN 240V HD Fus Safety Sw-Nema1	1.00
	3299	175A 250V RK5 Time Delay Fuse	2.00
113	7311	Steel Cable Tray-Mesh Type/4"Dx12"W	1,200.00
114	7324	90D Cable Tray Elbow-Mesh Type/4"Dx12"W	2.00
115	7338	Mesh Type Cable Tray Horiz Tee/4"Dx12"W	4.00
116	7345	Mesh Type Cable Tray Horiz X/4"Dx12"W	4.00
117	A2521	4'W/2'Rod Trapeze Hgr-Susp Steel	120.00
	6644	Unistrut (Deep)	480.00
	6650	Cut Unistrut (labor)	120.00
	2550	3/8" All Thread	912.00
	2552	3/8" Hex Nut	960.00
	2556	Flange Beam Clamp for 3/8" Thrd Rod	240.00

Example School Project Audit Trail

118	8416	NM Raceway Base 2 Comp 5400 Iv P/FT	520.00
119	8429	NM Int Elbow 5400 Ivory	1.00
120	8425	NM End Cap 5400 Ivory	40.00
121	8417	NM Raceway Cover 5400 Ivory P/FT	520.00
122	8421	NM Device Bracket 5400 Ivory	254.00
123	8424	Device Plate	254.00
124	6638	2-Compartment Telepower Pole-4 Sgl Rcpt	2.00
125	A6778	Wall motion sensor	11.00
	2572	4" Square Box w/brkt (1/2 & 3/4 K0's)	11.00
	2731	4" Square-1G Plaster Ring-5/8"D	11.00
	4672	1G Plastic Switch Plate	11.00
126	A5765	4" Square Box & 3/0 Ring/No Cvr	8.00
	2572	4" Square Box w/brkt (1/2 & 3/4 K0's)	8.00
	2726	4" Square-3/0 Plaster Ring-5/8"D	8.00
127	6943	Wall Motion Sensor	8.00
128	6944	Ceiling Motion Sensor	8.00
129	6945	10 Relay Lighting control panel	2.00
130	6946	22 relay lighting control panel	1.00
131	6947	20 relay lighting control panel	1.00
132	6948	15 relay lighting control panel	2.00
133	6949	5 relay w/internal timeclock lcp	2.00
134	6950	8 relay w/internal time clock lcp	1.00
139	A5392	[S] 20A/Spec Grade/SS Plate	5.00
	2572	4" Square Box w/brkt (1/2 & 3/4 K0's)	5.00
	2731	4" Square-1G Plaster Ring-5/8"D	5.00
	4696	1G SS Toggle Sw Plate	5.00
	4459	20A Spec Grade SP Switch	5.00
140	A5412	[SS] 20A/Spec Grade/SS Plate	11.00
	2572	4" Square Box w/brkt (1/2 & 3/4 K0's)	11.00
	2736	4" Square-2G Plaster Ring-5/8"D	11.00
	4703	2G SS Toggle Sw Plate	11.00
	4459	20A Spec Grade SP Switch	22.00
141	A5553	[S] 20A/Prem Spec Grade/Ind Cvr	2.00

Example School Project Audit Trail

2579	1G WP Bell Box-(3)1/2" Hubs	2.00
4772	1G WP Switch Cover	2.00
4460	20A Prem Spec Grade SP Switch	2.00
142 A5779	4" Square Box & Blank Cover	11.00
2571	4" Square Box (1/2 & 3/4 K0's)	11.00
4791	4" Square Flat Blank Cover w/K0	11.00
143 A5765	4" Square Box & 3/0 Ring/No Cvr	11.00
2572	4" Square Box w/brkt (1/2 & 3/4 K0's)	11.00
2726	4" Square-3/0 Plaster Ring-5/8"D	11.00
144 A5750	1G 3-Hub Bell Box w/Blank Cover	6.00
2581	1G WP Bell Box-(3)3/4" Hubs	6.00
4773	1G WP Blank Cover	6.00
145 A5715	20A/GFI/Prem Spec Grade/Al Box & WP Cvr	1.00
2579	1G WP Bell Box-(3)1/2" Hubs	1.00
4771	1G WP Duplex Recptacle Cover	1.00
4519	20A/125V PremSpec Grde GFI Duplex(5-20R)	1.00
8261	Grndscr&Bare Pigtail	1.00
146 A5753	2G 4-Hub Bell Box w/Blank Cover	4.00
2586	2G WP Bell Box-(4)3/4" Hubs	4.00
4776	2G WP Blank Cover	4.00
147 A5750	1G 3-Hub Bell Box w/Blank Cover	1.00
2581	1G WP Bell Box-(3)3/4" Hubs	1.00
4773	1G WP Blank Cover	1.00
148 A	4' Wrap-Around 2-Lamp	22.00
A4980	4" Square Box w/(1) Fixture Whip	22.00
2571	4" Square Box (1/2 & 3/4 K0's)	22.00
2304	1/2" T-Bar Wire Conduit Clip	22.00
4790	4" Square Flat Blank Cover	22.00
6839	Red Wirenuts	132.00
5045	Manufactured Fixture Whip	22.00
2332	1/4" Beam Clamp	22.00
149 B	4' Wrap-Around 2-Lamp	4.00
A4980	4" Square Box w/(1) Fixture Whip	4.00
2571	4" Square Box (1/2 & 3/4 K0's)	4.00
2304	1/2" T-Bar Wire Conduit Clip	4.00
4790	4" Square Flat Blank Cover	4.00
6839	Red Wirenuts	24.00
5045	Manufactured Fixture Whip	4.00
2332	1/4" Beam Clamp	4.00
150 C	H.I.D. Wall Pack Fixture	21.00
A4980	4" Square Box w/(1) Fixture Whip	21.00
2571	4" Square Box (1/2 & 3/4 K0's)	21.00
2304	1/2" T-Bar Wire Conduit Clip	21.00
4790	4" Square Flat Blank Cover	21.00
6839	Red Wirenuts	126.00

Example School Project Audit Trail

5045	Manufactured Fixture Whip	21.00
2332	1/4" Beam Clamp	21.00
151 D	4' Recessed Fluor	10.00
A4969	4-11/16 Box w/Flat Brkt & 3/0 Plast Ring	10.00
2577	4-11/16" Square Box w/brkt Comb K0's	10.00
2754	4-11/16"-3/0 Plaster Ring-5/8"D	10.00
6839	Red Wirenuts	30.00
152 E	2'x4' Surf Commercial Fluor	24.00
A4980	4" Square Box w/(1) Fixture Whip	24.00
2571	4" Square Box (1/2 & 3/4 K0's)	24.00
2304	1/2" T-Bar Wire Conduit Clip	24.00
4790	4" Square Flat Blank Cover	24.00
6839	Red Wirenuts	144.00
5045	Manufactured Fixture Whip	24.00
2332	1/4" Beam Clamp	24.00
153 F	Exit Fixture	15.00
A4966	4" Square Box w-3/0 Ring	15.00
2571	4" Square Box (1/2 & 3/4 K0's)	15.00
2725	4" Square-3/0 Plaster Ring-1/2"D	15.00
6839	Red Wirenuts	45.00
154 G	4' Wrap-Around 2-Lamp	13.00
A4980	4" Square Box w/(1) Fixture Whip	13.00
2571	4" Square Box (1/2 & 3/4 K0's)	13.00
2304	1/2" T-Bar Wire Conduit Clip	13.00
4790	4" Square Flat Blank Cover	13.00
6839	Red Wirenuts	78.00
5045	Manufactured Fixture Whip	13.00
2332	1/4" Beam Clamp	13.00
155 H	2'x4' Recessed Fluor	88.00
A4980	4" Square Box w/(1) Fixture Whip	88.00
2571	4" Square Box (1/2 & 3/4 K0's)	88.00
2304	1/2" T-Bar Wire Conduit Clip	88.00
4790	4" Square Flat Blank Cover	88.00
6839	Red Wirenuts	528.00
5045	Manufactured Fixture Whip	88.00
2332	1/4" Beam Clamp	88.00
156 I	Conpact Fluor Recessed Downlight	23.00
157 J	Tube Strip w/cable mounting	4.00
A4980	4" Square Box w/(1) Fixture Whip	4.00
2571	4" Square Box (1/2 & 3/4 K0's)	4.00
2304	1/2" T-Bar Wire Conduit Clip	4.00
4790	4" Square Flat Blank Cover	4.00

Example School Project Audit Trail

6839	Red Wirenuts	24.00
5045	Manufactured Fixture Whip	4.00
2332	1/4" Beam Clamp	4.00
158 K	1'x4' Surf Commercial Fluor	35.00
A4980	4" Square Box w/(1) Fixture Whip	35.00
2571	4" Square Box (1/2 & 3/4 K0's)	35.00
2304	1/2" T-Bar Wire Conduit Clip	35.00
4790	4" Square Flat Blank Cover	35.00
6839	Red Wirenuts	210.00
5045	Manufactured Fixture Whip	35.00
2332	1/4" Beam Clamp	35.00
159 L	Incand Aisle/Step light	13.00
A4980	4" Square Box w/(1) Fixture Whip	13.00
2571	4" Square Box (1/2 & 3/4 K0's)	13.00
2304	1/2" T-Bar Wire Conduit Clip	13.00
4790	4" Square Flat Blank Cover	13.00
6839	Red Wirenuts	78.00
5045	Manufactured Fixture Whip	13.00
2332	1/4" Beam Clamp	13.00
160 M	1'x4' Surf Commercial Fluor	19.00
A4980	4" Square Box w/(1) Fixture Whip	19.00
2571	4" Square Box (1/2 & 3/4 K0's)	19.00
2304	1/2" T-Bar Wire Conduit Clip	19.00
4790	4" Square Flat Blank Cover	19.00
6839	Red Wirenuts	114.00
5045	Manufactured Fixture Whip	19.00
2332	1/4" Beam Clamp	19.00
161 N	jelly jar light	2.00
A4966	4" Square Box w-3/0 Ring	2.00
2571	4" Square Box (1/2 & 3/4 K0's)	2.00
2725	4" Square-3/0 Plaster Ring-1/2"D	2.00
6839	Red Wirenuts	6.00
162 O	2'x2' Recessed Fluor	8.00
A4980	4" Square Box w/(1) Fixture Whip	8.00
2571	4" Square Box (1/2 & 3/4 K0's)	8.00
2304	1/2" T-Bar Wire Conduit Clip	8.00
4790	4" Square Flat Blank Cover	8.00
6839	Red Wirenuts	48.00
5045	Manufactured Fixture Whip	8.00
2332	1/4" Beam Clamp	8.00
163 P	2'x4' Recessed Fluor	101.00
A4980	4" Square Box w/(1) Fixture Whip	101.00
2571	4" Square Box (1/2 & 3/4 K0's)	101.00
2304	1/2" T-Bar Wire Conduit Clip	101.00

Example School Project Audit Trail

4790	4" Square Flat Blank Cover	101.00
6839	Red Wirenuts	606.00
5045	Manufactured Fixture Whip	101.00
2332	1/4" Beam Clamp	101.00
164 Q	2'x4' Recessed Fluor	17.00
A4980	4" Square Box w/(1) Fixture Whip	17.00
2571	4" Square Box (1/2 & 3/4 K0's)	17.00
2304	1/2" T-Bar Wire Conduit Clip	17.00
4790	4" Square Flat Blank Cover	17.00
6839	Red Wirenuts	102.00
5045	Manufactured Fixture Whip	17.00
2332	1/4" Beam Clamp	17.00
165 R	Compact Fluor Recessed Downlight	3.00
A4980	4" Square Box w/(1) Fixture Whip	3.00
2571	4" Square Box (1/2 & 3/4 K0's)	3.00
2304	1/2" T-Bar Wire Conduit Clip	3.00
4790	4" Square Flat Blank Cover	3.00
6839	Red Wirenuts	18.00
5045	Manufactured Fixture Whip	3.00
2332	1/4" Beam Clamp	3.00
166 S	Pendent fixture	6.00
A4966	4" Square Box w-3/0 Ring	6.00
2571	4" Square Box (1/2 & 3/4 K0's)	6.00
2725	4" Square-3/0 Plaster Ring-1/2"D	6.00
6839	Red Wirenuts	18.00
167 T	Compact Fluor Recessed Downlight	3.00
168	Length: 100.00	
1192	2" PVC Conduit	200.00
3107	1/8" Poly Pull Line	210.00
169	Length: 100.00	
1192	2" PVC Conduit	100.00
3107	1/8" Poly Pull Line	105.00
170	Length: 100.00	
1192	2" PVC Conduit	100.00
3107	1/8" Poly Pull Line	105.00
171	Length: 100.00	
1193	2-1/2" PVC Conduit	200.00
2802	#250MCM THHN CU Stranded Wire	920.00
2796	#2 THHN CU Stranded Wire	230.00
2366	2"x3" Base Spacer	25.00
173	Length: 100.00	

Example School Project Audit Trail

1055	2" GRC	300.00
3107	1/8" Poly Pull Line	315.00
174	Length: 100.00	
1055	2" GRC	100.00
2789	#14 THHN CU Stranded Wire	420.00
175	Length: 100.00	
1056	2-1/2" GRC	200.00
2802	#250MCM THHN CU Stranded Wire	920.00
2796	#2 THHN CU Stranded Wire	230.00
176	Length: 100.00	
1056	2-1/2" GRC	200.00
A1807	(2) 2-1/2" LN & 1-Bushing	4.00
1592	2-1/2" Locknut	8.00
1604	2-1/2" Plastic Bushing	4.00
1771	2-1/2" Cut & Thread	2.00
2802	#250MCM THHN CU Stranded Wire	920.00
2796	#2 THHN CU Stranded Wire	230.00
177	Length: 360.00	
1005	2" EMT	720.00
1571	2" Compression Die Cast Cplg	72.00
1471	2" Compression Die Cast Conn	12.00
3107	1/8" Poly Pull Line	756.00
179	1342 2" EMT Elbow	12.00
1571	2" Compression Die Cast Cplg	12.00
180	Length: 175.00	
1005	2" EMT	350.00
1342	2" EMT Elbow	4.00
1571	2" Compression Die Cast Cplg	39.00
1471	2" Compression Die Cast Conn	12.00
2789	#14 THHN CU Stranded Wire	735.00
2340	2" Unistrut Strap	43.75
181	2340 2" Unistrut Strap	100.00
182	2366 2"x3" Base Spacer	75.00
183	Length: 360.00	
1006	2-1/2" EMT	720.00
1343	2-1/2" EMT Elbow	4.00
1572	2-1/2" Compression Die Cast Cplg	76.00
1472	2-1/2" Compression Die Cast Conn	12.00
2802	#250MCM THHN CU Stranded Wire	3,240.00
2796	#2 THHN CU Stranded Wire	810.00
2341	2-1/2" Unistrut Strap	90.00
184	2131 2" PVC Elbow	16.00
2119	2" PVC Coupling	16.00
185	8867 Hole in Mansorary Wall 2"- 2 1/2"	14.00

Example School Project Audit Trail

186	8878	Core Drill Hole 2 1/2"	2.00
187	8873	Firestop Hole 2"-2 1/2"	16.00
189		Length: 6.00	
	1144	3/4" Liquidtight (metallic)	6.00
	1931	3/4" Seal-tite Conn (Str)	2.00
	2790	#12 THHN CU Stranded Wire	18.90
	2279	3/4" 1-Hole Strap	0.75
190		Length: 55.00	
	1051	3/4" GRC	55.00
	A1802	(2) 3/4" LN & 1-Bushing	2.00
	1587	3/4" Locknut	4.00
	1599	3/4" Plastic Bushing	2.00
	1766	3/4" Cut & Thread	1.00
	2790	#12 THHN CU Stranded Wire	173.25
	2336	3/4" Unistrut Strap	6.88
191		Length: 85.00	
	1188	3/4" PVC Conduit	85.00
	2127	3/4" PVC Elbow	10.00
	2115	3/4" PVC Coupling	10.00
	A2049	3/4" PVC Term Adpt & Locknut	10.00
	1587	3/4" Locknut	10.00
	2061	3/4" PVC Male Adaptor	10.00
	2790	#12 THHN CU Stranded Wire	267.75
	2336	3/4" Unistrut Strap	10.63
192		Length: 20.00	
	1188	3/4" PVC Conduit	20.00
	2127	3/4" PVC Elbow	1.00
	2115	3/4" PVC Coupling	1.00
	A2049	3/4" PVC Term Adpt & Locknut	2.00
	1587	3/4" Locknut	2.00
	2061	3/4" PVC Male Adaptor	2.00
	2790	#12 THHN CU Stranded Wire	63.00
	2336	3/4" Unistrut Strap	2.50
193		Length: 360.00	
	1144	3/4" Liquidtight (metallic)	360.00
	1931	3/4" Seal-tite Conn (Str)	52.00
	2790	#12 THHN CU Stranded Wire	1,134.00
	2279	3/4" 1-Hole Strap	45.00
194		Length: 60.00	
	1051	3/4" GRC	60.00
	1348	3/4" GRC Elbow	2.00
	1866	3/4" GRC Coupling	2.00
	A1802	(2) 3/4" LN & 1-Bushing	2.00
	1587	3/4" Locknut	4.00
	1599	3/4" Plastic Bushing	2.00
	1766	3/4" Cut & Thread	1.00
	3107	1/8" Poly Pull Line	63.00

Example School Project Audit Trail

2336	3/4" Unistrut Strap	7.50
195	Length: 6.00	
1144	3/4" Liquidtight (metallic)	6.00
1931	3/4" Seal-tite Conn (Str)	2.00
3107	1/8" Poly Pull Line	6.30
2279	3/4" 1-Hole Strap	0.75
196	Length: 90.00	
1001	3/4" EMT	90.00
1567	3/4" Compression Die Cast Cplg	9.00
1467	3/4" Compression Die Cast Conn	2.00
3107	1/8" Poly Pull Line	94.50
2336	3/4" Unistrut Strap	11.25
197	Length: 485.00	
1001	3/4" EMT	485.00
1567	3/4" Compression Die Cast Cplg	48.50
1467	3/4" Compression Die Cast Conn	32.00
3107	1/8" Poly Pull Line	509.25
2336	3/4" Unistrut Strap	60.63
199 8872	Firestop Hole 1"-1 1/2"	3.00
200 8866	Hole in Mansorary Wall 1"- 1 1/2"	3.00
201	Length: 2,690.00	
1001	3/4" EMT	2,690.00
1567	3/4" Compression Die Cast Cplg	269.00
1467	3/4" Compression Die Cast Conn	296.00
2790	#12 THHN CU Stranded Wire	8,473.50
2336	3/4" Unistrut Strap	336.25
202	Length: 1,890.00	
1001	3/4" EMT	1,890.00
1567	3/4" Compression Die Cast Cplg	189.00
1467	3/4" Compression Die Cast Conn	354.00
2790	#12 THHN CU Stranded Wire	7,938.00
2336	3/4" Unistrut Strap	236.25
203	Length: 555.00	
1001	3/4" EMT	555.00
1567	3/4" Compression Die Cast Cplg	55.50
1467	3/4" Compression Die Cast Conn	78.00
2790	#12 THHN CU Stranded Wire	2,913.75
2336	3/4" Unistrut Strap	69.38
204	Length: 105.00	
1001	3/4" EMT	105.00
1567	3/4" Compression Die Cast Cplg	10.50
1467	3/4" Compression Die Cast Conn	22.00
2790	#12 THHN CU Stranded Wire	661.50
2336	3/4" Unistrut Strap	13.13
205	Length: 65.00	

Example School Project Audit Trail

1001	3/4" EMT	65.00
1567	3/4" Compression Die Cast Cplg	6.50
1467	3/4" Compression Die Cast Conn	12.00
2790	#12 THHN CU Stranded Wire	477.75
2336	3/4" Unistrut Strap	8.13
206	Length: 1,430.00	
1001	3/4" EMT	1,430.00
1567	3/4" Compression Die Cast Cplg	143.00
1467	3/4" Compression Die Cast Conn	112.00
2790	#12 THHN CU Stranded Wire	13,513.50
2336	3/4" Unistrut Strap	178.75
207 8872	Firestop Hole 1"-1 1/2"	10.00
208 8866	Hole in Mansorary Wall 1"- 1 1/2"	10.00
209 A5780	4" Square Box w/Flat Brkt & Blank Cover	52.00
2572	4" Square Box w/brkt (1/2 & 3/4 KO's)	52.00
4791	4" Square Flat Blank Cover w/KO	52.00
210	Length: 100.00	
1001	3/4" EMT	100.00
1567	3/4" Compression Die Cast Cplg	10.00
1467	3/4" Compression Die Cast Conn	2.00
2790	#12 THHN CU Stranded Wire	315.00
2336	3/4" Unistrut Strap	12.50
211 6952	25 pair cat 3 telephone wire	375.00
212 6769	Clock (Single Face)	4.00
213 6769	Clock (Single Face)	7.00
214 8480	Control module	1.00
215 6741	Fire Alarm Pull Station	5.00
216 8907	FA Relay	12.00
217 8434	Door Magnet Hold Open	4.00
218 8595	Tamper Switch	2.00
219 8596	Flow Switch	2.00
220 8454	Smoke Detector Addressable	118.00
221 6740	Heat Detector	23.00
222 6740	Heat Detector	41.00
223 8345	Duct Detector	2.00
224 6748	Horn WP 120V AC	1.00

Example School Project Audit Trail

225	6747	Horn/Strobe	14.00
226	8344	Strobe	5.00
228	6744	Bell-10" 120V AC	1.00
229	8657	Monitor module	4.00
230	8657	Monitor module	46.00
231	A5766	4" Square Box & 1G Ring/No Cvr	86.00
	2574	4" Square Deep Box w/brkt (1/2,3/4 K0's)	86.00
	2731	4" Square-1G Plaster Ring-5/8"D	86.00
232	A5765	4" Square Box & 3/0 Ring/No Cvr	186.00
	2572	4" Square Box w/brkt (1/2 & 3/4 K0's)	186.00
	2726	4" Square-3/0 Plaster Ring-5/8"D	186.00
233		Length: 555.00	
	1001	3/4" EMT	555.00
	1567	3/4" Compression Die Cast Cplg	55.50
	1467	3/4" Compression Die Cast Conn	42.00
	2790	#12 THHN CU Stranded Wire	1,165.50
	2336	3/4" Unistrut Strap	69.38
234		Length: 4,050.00	
	1001	3/4" EMT	4,050.00
	1567	3/4" Compression Die Cast Cplg	405.00
	1467	3/4" Compression Die Cast Conn	444.00
	2336	3/4" Unistrut Strap	506.25
235		Length: 2,805.00	
	2789	#14 THHN CU Stranded Wire	5,890.50
236		Length: 220.00	
	1003	1-1/4" EMT	220.00
	1340	1-1/4" EMT Elbow	4.00
	1569	1-1/4" Compression Die Cast Cplg	26.00
	1469	1-1/4" Compression Die Cast Conn	4.00
	2338	1-1/4" Unistrut Strap	27.50
237		Length: 310.00	
	1053	1-1/4" GRC	310.00
	1340	1-1/4" EMT Elbow	8.00
	1868	1-1/4" GRC Coupling	8.00
	A1804	(2) 1-1/4" LN & 1-Bushing	8.00
	1589	1-1/4" Locknut	16.00
	1601	1-1/4" Plastic Bushing	8.00
	1768	1-1/4" Cut & Thread	4.00
	2338	1-1/4" Unistrut Strap	38.75
238		Length: 210.00	
	1190	1-1/4" PVC Conduit	210.00
	A2051	1-1/4" PVC Term Adpt & Locknut	6.00
	1589	1-1/4" Locknut	6.00

Example School Project Audit Trail

2063	1-1/4" PVC Male Adaptor	6.00
2163	1-1/4" GRC Elbow	6.00
239	Length: 10.00	
8173	1-1/4" PVC (Schedule-80)	10.00
A2051	1-1/4" PVC Term Adpt & Locknut	4.00
1589	1-1/4" Locknut	4.00
2063	1-1/4" PVC Male Adaptor	4.00
240 6458	8x8x6" Screw Cover Pull Box-Nema 1	2.00
241 6482	8x10x6" Screw Cover Pull Box-Nema 3R	1.00
242 6953	#16 tsp	4,050.00
243 VDC0216	18/2 Pr Shield Cable	1,480.00
244 8650	14/2 Pr Unshielded Cable	740.00
245 8814	Ceiling Speakers	17.00
246 6954	Tele/data turn key	1.00
247 6955	Assistive listening turn key	1.00
248 6956	Cable Tray splice kits	120.00
8895	Demo (Per/M Sq.Ft)	-17,931.00
8895	Demo (Per/M Sq.Ft)	0.00
251 6957	Motion Control for portable units	1.00
252 B	4' Wrap-Around 2-Lamp	-4.00
253 B	4' Wrap-Around 2-Lamp	12.00
254 D	4' Recessed Fluor	-10.00
255 D	4' Recessed Fluor	6.00
256 6958	CATV	1.00
257 6959	Access Control	1.00