

FAC 6106 Remote Delivery Facility

RUC: \$151.63 SF

Source: USACE PAX Newsletter 3.2.2 dated 20 Mar 09
CatCode 89111
Deflated to FY-09 using Appendix C of newsletter
In V12, Tri-Service and USACE PAX Newsletter values were updated while all
other values were inflated only.

SUC: \$9.31 SF

Source: Modeled using R.S. Means Cost Works. Projected to FY-09 using Green Book
Table 5-6 (O&M less DHP)
In V12, values were inflated only.

Model follows:

CostWorks 2008 Quarter 1 – Remote Delivery Facility

R.S. Mean Facilities Maintenance and Repair (FMR)

Release 2008 Qtr 1

Design Life	50	Area =	137,545
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Qty	Description	Frequency	Unit	Total In-House	Total Incl. O&P	Zip Code Prefix	Design Life/ Freq	Rounded	Total In-House X No. Times in Design Life
25.000	Repair steel, painted, door	14	Ea.	14,568.00	17,167.25	200	3.57	4.00	\$ 58,272.00
25.000	Refinish 3'-0" x 7'-0" steel, painted, door	4	Ea.	822.75	1,008.00	200	12.50	13.00	\$ 10,695.75
25.000	Replace 3'-0" x 7'-0" steel, painted, door	45	Ea.	13,311.00	15,511.00	200	1.11	2.00	\$ 26,622.00
56.000	Repair 12' x 12' steel roll-up door	10	Ea.	46,653.04	54,044.48	200	5.00	5.00	\$ 233,265.20
56.000	Refinish 12' x 12' steel roll-up door	5	Ea.	9,456.16	11,511.92	200	10.00	10.00	\$ 94,561.60
56.000	Replace 12' x 12' steel roll-up door	35	Ea.	186,321.52	215,695.76	200	1.43	2.00	\$ 372,643.04
282.638	Non-destructive moisture inspection,modified bitum/thermoplastic	5	M.S.F.	25,657.88	31,033.65	200	10.00	10.00	\$ 256,578.78
56.520	Minor membrane repairs-(2% of roof area),modified bitum/thermoplastic	1	Sq.	15,074.45	17,783.45	200	50.00	50.00	\$ 753,722.46
113.000	Flashing repairs-(2 S.F. per sq. repaired),modified bitum/thermoplstc	1	S.F.	375.16	441.83	200	50.00	50.00	\$ 18,758.00
706.000	Membrane replacement-(25% of roof area),modified bitum/thermoplastic	20	Sq.	449,425.48	532,825.26	200	2.50	3.00	\$ 1,348,276.44
2,826.380	Total roof replacement,modified bituminous / thermoplastic	25	Sq.	1,375,570.88	1,626,129.47	200	2.00	2.00	\$ 2,751,141.76
9.900	Repair 8" concrete block wall - (2% of walls) painted	25	C.S.F.	10,000.19	12,006.52	200	2.00	2.00	\$ 20,000.38
495.180	Refinish concrete block wall painted	4	C.S.F.	48,077.03	58,451.05	200	12.50	13.00	\$ 625,001.34
91.000	Repair steel painted interior door	14	Ea.	15,234.31	17,996.16	200	3.57	4.00	\$ 60,937.24
90.000	Repair steel painted interior door	14	Ea.	15,066.90	17,798.40	200	3.57	4.00	\$ 60,267.60
91.000	Refinish 3'-0" x 7'-0" steel painted interior door	4	Ea.	4,494.49	5,533.71	200	12.50	13.00	\$ 58,428.37
90.000	Refinish 3'-0" x 7'-0" steel painted interior door	4	Ea.	4,445.10	5,472.90	200	12.50	13.00	\$ 57,786.30
91.000	Replace 3'-0" x 7'-0" steel painted interior door	60	Ea.	85,091.37	98,929.74	200	0.83	1.00	\$ 85,091.37
90.000	Replace 3'-0" x 7'-0" steel painted interior door	60	Ea.	84,156.30	97,842.60	200	0.83	1.00	\$ 84,156.30
45.000	Repair solid core wood door interior	11	Ea.	7,533.45	8,899.20	200	4.55	5.00	\$ 37,667.25
45.000	Refinish 3'-0" x 7'-0" solid core wood door interior	4	Ea.	1,898.55	2,338.20	200	12.50	13.00	\$ 24,681.15
45.000	Replace 3'-0" x 7'-0" solid core wood door interior	40	Ea.	16,454.70	19,077.30	200	1.25	2.00	\$ 32,909.40
90.000	Replace brass lockset	30	Ea.	26,968.50	31,415.40	200	1.67	2.00	\$ 53,937.00
136.000	Replace brass door closer	15	Ea.	36,025.04	42,131.44	200	3.33	4.00	\$ 144,100.16
136.000	Replace panic bar	25	Ea.	109,420.16	126,364.40	200	2.00	2.00	\$ 218,840.32
674.000	Repair 5/8" drywall - (2% of walls)	20	S.F.	1,071.66	1,287.34	200	2.50	3.00	\$ 3,214.98
33,720.000	Refinish drywall	4	S.F.	20,232.00	24,952.80	200	12.50	13.00	\$ 263,016.00
0.692	Repair 4" x 4" thin set ceramic tile - (2% of walls)	10	C.S.F.	521.15	630.59	200	5.00	5.00	\$ 2,605.76
34.590	Replace 4" x 4" thin set ceramic tile	75	C.S.F.	28,354.11	34,362.40	200	0.67	1.00	\$ 28,354.11
0.777	Ceramic tile floor repairs - (2% of floors)	15	C.S.F.	480.13	598.15	200	3.33	4.00	\$ 1,920.53
38.878	Replace 2" x 2" thin set ceramic tile floor	50	C.S.F.	52,161.45	62,790.30	200	1.00	1.00	\$ 52,161.45
12.940	Acoustic tile repairs - (2% of ceilings)	9	C.S.F.	5,769.04	6,867.39	200	5.56	6.00	\$ 34,614.24
647.400	Replace acoustic tile ceiling, fire-rated	20	C.S.F.	260,526.71	309,567.26	200	2.50	3.00	\$ 781,580.12

Qty	Description	Frequency	Unit	Total In-House	Total Incl. O&P	Zip Code Prefix	Design Life/ Freq	Rounded	Total In-House X No. Times in Design Life
19.000	Replace flush valve diaphragm tankless water closet	10	Ea.	1,320.50	1,551.16	200	5.00	5.00	\$ 6,602.50
19.000	Rebuild flush valve tankless water closet	20	Ea.	2,486.15	3,015.68	200	2.50	3.00	\$ 7,458.45
19.000	Unplug clogged line tankless water closet	5	Ea.	3,196.94	3,993.42	200	10.00	10.00	\$ 31,969.40
19.000	Replace tankless water closet	35	Ea.	10,246.51	12,130.74	200	1.43	2.00	\$ 20,493.02
19.000	Replace tankless flush valve	25	Ea.	3,915.33	4,587.93	200	2.00	2.00	\$ 7,830.66
19.000	Replace wax ring gasket tankless water closet	5	Ea.	2,081.07	2,606.04	200	10.00	10.00	\$ 20,810.70
7.000	Replace flush valve diaphragm urinal	7	Ea.	486.50	571.48	200	7.14	8.00	\$ 3,892.00
7.000	Rebuild flush valve urinal	20	Ea.	915.95	1,111.04	200	2.50	3.00	\$ 2,747.85
7.000	Unplug line urinal	5	Ea.	784.98	979.37	200	10.00	10.00	\$ 7,849.80
7.000	Replace wall-hung urinal	35	Ea.	5,828.62	6,974.59	200	1.43	2.00	\$ 11,657.24
22.000	Replace washer in spud connection lavatory, iron, enamel	7	Ea.	441.98	516.12	200	7.14	8.00	\$ 3,535.84
22.000	Replace washer in faucet lavatory, iron, enamel	2	Ea.	215.38	267.96	200	25.00	25.00	\$ 5,384.50
22.000	Replace faucets lavatory, iron, enamel	10	Ea.	2,384.14	2,890.14	200	5.00	5.00	\$ 11,920.70
22.000	Clean out strainer and P trap lavatory, iron, enamel	2	Ea.	594.88	738.54	200	25.00	25.00	\$ 14,872.00
22.000	Replace lavatory, iron, enamel	40	Ea.	11,880.00	13,975.06	200	1.25	2.00	\$ 23,760.00
14.000	Inspect / clean shower head shower, terrazzo	3	Ea.	529.20	664.16	200	16.67	17.00	\$ 8,996.40
14.000	Replace mixing valve barrel shower, terrazzo	2	Ea.	2,050.16	2,441.32	200	25.00	25.00	\$ 51,254.00
14.000	Replace mixing valve shower, terrazzo	10	Ea.	3,804.08	4,558.96	200	5.00	5.00	\$ 19,020.40
14.000	Replace terrazzo shower surface	30	Ea.	14,217.56	17,140.20	200	1.67	2.00	\$ 28,435.12
10.000	Check / minor repairs drinking fountain	1	Ea.	375.80	473.40	200	50.00	50.00	\$ 18,790.00
10.000	Repair internal leaks drinking fountain	4	Ea.	351.40	434.30	200	12.50	13.00	\$ 4,568.20
10.000	Correct water pressure drinking fountain	2	Ea.	322.10	405.00	200	25.00	25.00	\$ 8,052.50
10.000	Replace refrigerant drinking fountain	2	Ea.	156.50	186.40	200	25.00	25.00	\$ 3,912.50
10.000	Repair drain leak drinking fountain	4	Ea.	224.20	267.80	200	12.50	13.00	\$ 2,914.60
10.000	Replace fountain drinking fountain	10	Ea.	9,914.50	11,772.20	200	5.00	5.00	\$ 49,572.50
10.000	Inspect and clean spray heads, emergency eye wash	3	Ea.	378.00	474.40	200	16.67	17.00	\$ 6,426.00
10.000	Replace eye wash station, emergency eye wash	25	Ea.	5,698.00	6,912.00	200	2.00	2.00	\$ 11,396.00
1,172.000	Replace old valve, non-drain, 4"	10	Ea.	1,623,348.92	1,931,807.60	200	5.00	5.00	\$ 8,116,744.60
55.000	Replace old valve, non-drain, 10"	10	Ea.	260,115.35	300,619.00	200	5.00	5.00	\$ 1,300,576.75
12.000	Inspect for leaks steam converter, domestic hot water	1	Ea.	62.64	78.36	200	50.00	50.00	\$ 3,132.00
12.000	Replace steam converter	20	Ea.	22,576.08	26,132.16	200	2.50	3.00	\$ 67,728.24
30.000	General maintenance & repair drain: roof, scupper, area	1	Ea.	850.50	1,070.10	200	50.00	50.00	\$ 42,525.00
30.000	Replace drain: roof, scupper, area	40	Ea.	11,754.60	13,821.90	200	1.25	2.00	\$ 23,509.20
5.000	Repair cooling tower, 1000 ton	10	Ea.	64,274.15	75,360.45	200	5.00	5.00	\$ 321,370.75
5.000	Replace cooling tower, 1000 ton	15	Ea.	393,952.00	457,832.00	200	3.33	4.00	\$ 1,575,808.00
5.000	Repair hermetic centrifugal chiller, 1000 ton	10	Ea.	1,369,799.85	1,615,796.30	200	5.00	5.00	\$ 6,848,999.25
5.000	Replace hermetic centrifugal chiller, 1000 ton	20	Ea.	2,275,888.00	2,609,372.00	200	2.50	3.00	\$ 6,827,664.00

Qty	Description	Frequency	Unit	Total In-House	Total Incl. O&P	Zip Code Prefix	Design Life/ Freq	Rounded	Total In-House X No. Times in Design Life
22.000	Repair fan coil unit, 1 ton	10	Ea.	8,022.30	9,588.26	200	5.00	5.00	\$ 40,111.50
22.000	Replace fan coil unit, 1 ton	15	Ea.	23,727.00	28,007.32	200	3.33	4.00	\$ 94,908.00
39.000	Repair fan coil unit, 3 ton	10	Ea.	16,543.02	19,514.43	200	5.00	5.00	\$ 82,715.10
39.000	Replace fan coil unit, 3 ton	15	Ea.	83,392.53	97,207.50	200	3.33	4.00	\$ 333,570.12
6.000	Replace fan & motor, propeller exh., 1000 CFM exhaust fan	15	Ea.	5,100.12	5,962.98	200	3.33	4.00	\$ 20,400.48
4.000	Replace utility set, belt drive, 3600 CFM exhaust fan	10	Ea.	7,791.96	9,042.24	200	5.00	5.00	\$ 38,959.80
4.000	Replace axial flow fan, 3800 CFM exhaust fan	10	Ea.	20,705.80	23,767.80	200	5.00	5.00	\$ 103,529.00
5.000	Replace axial flow fan, 6400 CFM exhaust fan	10	Ea.	29,186.10	33,556.40	200	5.00	5.00	\$ 145,930.50
6.000	Replace axial flow fan, 15,600 CFM exhaust fan	10	Ea.	55,705.44	64,331.76	200	5.00	5.00	\$ 278,527.20
29.000	Replace circulator. pump, 1 H.P.	15	Ea.	108,008.18	124,042.28	200	3.33	4.00	\$ 432,032.72
22.000	Repair terminal reheat, 12" x 24" coil	10	Ea.	1,513.82	1,889.58	200	5.00	5.00	\$ 7,569.10
22.000	Replace terminal reheat, 12" x 24" coil	15	Ea.	16,766.86	19,287.84	200	3.33	4.00	\$ 67,067.44
8.000	Repair computer room A/C, chilled water, 5 ton	10	Ea.	49,770.16	58,158.72	200	5.00	5.00	\$ 248,850.80
8.000	Replace computer room A/C, chilled water, 5 ton	20	Ea.	112,486.40	129,717.12	200	2.50	3.00	\$ 337,459.20
3.000	Repair central station A.H.U., 5400 CFM	10	Ea.	1,520.52	1,813.44	200	5.00	5.00	\$ 7,602.60
3.000	Replace central station A.H.U., 5400 CFM	15	Ea.	32,359.32	37,973.10	200	3.33	4.00	\$ 129,437.28
4.000	Repair central station A.H.U., 8000 CFM	10	Ea.	2,550.36	3,012.24	200	5.00	5.00	\$ 12,751.80
4.000	Replace central station A.H.U., 8000 CFM	15	Ea.	52,598.08	61,460.80	200	3.33	4.00	\$ 210,392.32
3.000	Repair central station A.H.U., 16,000 CFM	10	Ea.	2,866.65	3,343.80	200	5.00	5.00	\$ 14,333.25
3.000	Replace central station A.H.U., 16,000 CFM	15	Ea.	63,513.12	74,589.60	200	3.33	4.00	\$ 254,052.48
11.000	Inspect sprinkler system	1	Ea.	292.05	361.79	200	50.00	50.00	\$ 14,602.50
2,554.000	Replace sprinkler head	20	Ea.	162,127.92	199,799.42	200	2.50	3.00	\$ 486,383.76
11.000	Rebuild double check 3" backflow preventer sprinkler system	1	Ea.	6,499.68	7,784.37	200	50.00	50.00	\$ 324,984.00
8.000	Repair 15 KV primary transformer, dry	15	Ea.	1,320.16	1,605.28	200	3.33	4.00	\$ 5,280.64
8.000	Maintenance and inspection primary transformer, dry	0.5	Ea.	228.00	285.04	200	100.00	100.00	\$ 22,800.00
8.000	Replace transformer primary, dry	30	Ea.	411,576.88	469,452.48	200	1.67	2.00	\$ 823,153.76
38.000	Repair switchgear 1200 A mainframe	5	Ea.	63,750.70	74,343.96	200	10.00	10.00	\$ 637,507.00
38.000	Maintenance and inspection switchgear, mainframe	1	Ea.	1,740.78	2,166.38	200	50.00	50.00	\$ 87,039.00
38.000	Replace switchgear 1200 A mainframe	20	Ea.	152,859.18	181,431.76	200	2.50	3.00	\$ 458,577.54
14.000	Maintenance and repair motor starter, 600 V	3	Ea.	7,493.64	9,111.76	200	16.67	17.00	\$ 127,391.88
14.000	Maintenance and inspection motor starter, 600 V	0.25	Ea.	534.38	669.90	200	200.00	200.00	\$ 106,876.00
14.000	Replace starter motor starter, 600 V	18	Ea.	42,065.10	49,550.06	200	2.78	3.00	\$ 126,195.30
1,465.000	Maintenance and repair breaker, 1 pole circuit breaker	20	Ea.	74,568.50	93,217.95	200	2.50	3.00	\$ 223,705.50
1,465.000	Maintenance and inspection C.B., 1 pole circuit breaker	0.5	Ea.	33,563.15	41,752.50	200	100.00	100.00	\$ 3,356,315.00
71.000	Maintenance and inspection C.B., 3 pole circuit breaker	0.33	Ea.	1,626.61	2,023.50	200	151.52	152.00	\$ 247,244.72
71.000	Replace C.B. enclosed, 600 V, 3 pole circuit breaker	12	Ea.	69,890.98	81,480.31	200	4.17	5.00	\$ 349,454.90
588.000	Maintenance and repair receptacles and plugs	20	Ea.	18,257.40	22,749.72	200	2.50	3.00	\$ 54,772.20

Qty	Description	Frequency	Unit	Total In-House	Total Incl. O&P	Zip	Design Life/ Freq	Rounded	Total In-House X No. Times in Design Life
						Code Prefix			
588.000	Replace receptacle/plug receptacles and plugs	20	Ea.	30,940.56	37,784.88	200	2.50	3.00	\$ 92,821.68
147.000	Maintenance and repair wiring devices, switches	10	Ea.	4,564.35	5,687.43	200	5.00	5.00	\$ 22,821.75
147.000	Replace switch wiring devices, switches	15	Ea.	7,510.23	9,146.34	200	3.33	4.00	\$ 30,040.92
566.000	Replace fluor. ballast for fluorescent lighting fixture, 80 W	10	Ea.	56,067.96	67,625.68	200	5.00	5.00	\$ 280,339.80
566.000	Replace lamps (2 lamps) fluorescent lighting fixture, 80 W	10	Ea.	14,342.44	17,585.62	200	5.00	5.00	\$ 71,712.20
1,132.000	Replace fixture fluorescent lighting fixture, 80 W	20	Ea.	200,692.28	242,474.40	200	2.50	3.00	\$ 602,076.84
12.000	Replace M.H. ballast mercury halide fixture, 175 W	10	Ea.	2,271.96	2,663.88	200	5.00	5.00	\$ 11,359.80
12.000	Replace lamp mercury halide fixture, 175 W	5	Ea.	880.68	1,041.48	200	10.00	10.00	\$ 8,806.80
12.000	Replace mercury halide fixture, 175 W	20	Ea.	7,229.88	8,468.16	200	2.50	3.00	\$ 21,689.64
310.000	Replace H.P. sodium ballast H.P. sodium fixture, 250 W	10	Ea.	129,521.10	148,502.40	200	5.00	5.00	\$ 647,605.50
310.000	Replace lamp H.P. sodium fixture, 250 W	10	Ea.	27,493.90	32,280.30	200	5.00	5.00	\$ 137,469.50
310.000	Replace fixture H.P. sodium fixture, 250 W	20	Ea.	267,390.50	310,914.50	200	2.50	3.00	\$ 802,171.50
50.000	Check and repair manual pull station	10	Ea.	3,448.00	4,229.50	200	5.00	5.00	\$ 17,240.00
50.000	Replace manual pull station	15	Ea.	6,260.50	7,564.50	200	3.33	4.00	\$ 25,042.00
11.000	Minor repairs to fire alarm control panel	5	Ea.	1,181.51	1,435.28	200	10.00	10.00	\$ 11,815.10
11.000	Maintenance and inspection fire alarm control panel	0.5	Ea.	335.94	419.87	200	100.00	100.00	\$ 33,594.00
11.000	Replace fire alarm control panel	15	Ea.	28,551.60	33,935.99	200	3.33	4.00	\$ 114,206.40
1.000	Minor repairs to annunciation panel	5	Ea.	107.41	130.48	200	10.00	10.00	\$ 1,074.10
1.000	Maintenance and inspection annunciation panel	0.5	Ea.	30.54	38.17	200	100.00	100.00	\$ 3,054.00
1.000	Replace annunciation panel	15	Ea.	839.77	1,002.68	200	3.33	4.00	\$ 3,359.08
10.000	Maintenance and inspection generator, diesel, 750 KW	0.08	Ea.	458.10	570.10	200	625.00	625.00	\$ 286,312.50
10.000	Replace diesel generator component, 750 KW	25	Ea.	2,021,394.00	2,309,995.00	200	2.00	2.00	\$ 4,042,788.00
10.000	Maintenance and repair transfer switch	5	Ea.	2,103.30	2,556.50	200	10.00	10.00	\$ 21,033.00
10.000	Maintenance and inspection transfer switch	0.5	Ea.	285.00	356.30	200	100.00	100.00	\$ 28,500.00
10.000	Replace transfer switch	18	Ea.	39,234.30	44,964.30	200	2.78	3.00	\$ 117,702.90
100.000	Replace lamp emergency lighting fixture	2	Ea.	5,361.00	6,369.00	200	25.00	25.00	\$ 134,025.00
100.000	Replace emergency lighting fixture	20	Ea.	83,460.00	96,177.00	200	2.50	3.00	\$ 250,380.00
48.000	Replace lamp with exit light L.E.D. retrofit kits	15	Ea.	2,703.36	3,134.40	200	3.33	4.00	\$ 10,813.44
48.000	Replace lighting fixture with exit light L.E.D. std.	20	Ea.	8,154.72	9,770.88	200	2.50	3.00	\$ 24,464.16
48.000	Replace lighting fixture with exit light L.E.D. std.	20	Ea.	13,291.20	15,836.64	200	2.50	3.00	\$ 39,873.60

Total Design Life Cost	\$ 52,384,666.67
Annually	\$ 1,047,693.33
Preventive Maintenance	\$ 264,635.55

										Total In-House X No. Times in Design Life
Qty	Description	Frequency	Unit	Total In-House	Total Incl. O&P	Zip Code Prefix	Design Life/ Freq	Rounded		
Subtotal									\$	1,312,328.88
Sustainment Cost Factor Per Square Foot									\$	9.54

CostWorks 2008 Quarter 1 – Remote Delivery Facility

Qty	Description	Labor Hours	Total In-House	Total Incl. O&P	Code	Type	Release
56.000	Door, overhead, electric, roll up, to 24' high x 25' w	227.92	13,451.76	16,250.64	200	FMR	2008 Qtr 1
7.000	Urinals, annualized	1.60	90.51	113.05	200	FMR	2008 Qtr 1
19.000	Toilet (vacuum breaker type), annualized	4.33	245.67	306.85	200	FMR	2008 Qtr 1
22.000	Lavatories, annualized	7.66	539.22	657.58	200	FMR	2008 Qtr 1
14.000	Showers, annualized	3.19	275.10	329.98	200	FMR	2008 Qtr 1
10.000	Drink fountain, annualized	6.20	490.80	588.80	200	FMR	2008 Qtr 1
1,227.000	Valve, motor operated, above 4", annualized	1,229.45	81,742.74	98,540.37	200	FMR	2008 Qtr 1
5.000	Water cooling tower, 500 thru 1000 tons, annualize	88.64	5,867.00	7,088.50	200	FMR	2008 Qtr 1
5.000	Chiller, centrif., water cooled, over 100 tons, annua	166.82	10,756.30	13,443.10	200	FMR	2008 Qtr 1
8.000	Air handling unit, computer room, annualized	27.33	2,006.00	2,467.68	200	FMR	2008 Qtr 1
22.000	VAV Boxes, annualized	20.55	1,344.86	1,667.16	200	FMR	2008 Qtr 1
69.000	Fan coil unit, annualized	230.32	14,843.28	18,348.48	200	FMR	2008 Qtr 1
25.000	Fan, axial, 5,000 to 10,000 CFM, annualized	32.25	1,808.25	2,223.50	200	FMR	2008 Qtr 1
29.000	Centrifugal, over 1 HP, annualized	34.68	2,413.09	2,980.04	200	FMR	2008 Qtr 1
11.000	Controls, central system, electro/pneumatic, annua	21.07	1,660.56	2,015.86	200	FMR	2008 Qtr 1
11.000	Extinguishing system, dry pipe, annualized	143.21	10,396.43	12,655.94	200	FMR	2008 Qtr 1
2.000	Fire pump, electric motor driven, annualized	95.48	5,664.88	7,080.64	200	FMR	2008 Qtr 1
38.000	Switchboard, with air circuit breaker, annualized	505.51	29,982.38	37,526.14	200	FMR	2008 Qtr 1
38.000	Circuit breaker, high voltage oil, annualized	32.49	2,457.46	2,999.34	200	FMR	2008 Qtr 1
8.000	Transformer, dry type 500 KVA and over, annualize	6.16	476.64	582.56	200	FMR	2008 Qtr 1
40.000	Panelboard, 225 A and above, annualized	17.64	2,262.40	2,690.40	200	FMR	2008 Qtr 1
14.000	Motor control center, over 400 A, annualized	5.45	749.14	891.80	200	FMR	2008 Qtr 1
10.000	Emergency diesel or gas generator, over 15 KVA,	161.58	10,692.00	13,237.40	200	FMR	2008 Qtr 1
10.000	Power stablizer, annualized	6.25	356.30	447.90	200	FMR	2008 Qtr 1
2.000	Uninterrupted power system, 200 KVA to 800 KVA	156.17	9,519.54	11,861.10	200	FMR	2008 Qtr 1
1.000	Light, emergency, hardwired system, annualized	0.25	14.25	17.87	200	FMR	2008 Qtr 1
2.000	Refrigerator freezer, walk-in box w/external conden	2.93	235.72	281.70	200	FMR	2008 Qtr 1
2.000	Cathodic protection system, annualized	2.92	184.50	225.70	200	FMR	2008 Qtr 1
181.000	Fire doors, swinging, annualized	70.95	4,501.47	5,399.23	200	FMR	2008 Qtr 1
12.000	Water heater, steam 2500 gal., annualized	18.59	1,399.20	1,716.24	200	FMR	2008 Qtr 1
			\$216,427.45	\$264,635.55			