



Public Utilities Commission

Application to Commit Energy Efficiency/Peak Demand Reduction Programs (Mercantile Customers Only)

Case No.: 13-0183-EL-EEC

Mercantile Customer: City of Lakewood

Electric Utility: The Cleveland Electric Illuminating Company

Program Title or
Description: First Energy Mercantile Program

Rule 4901:1-39-05(F), Ohio Administrative Code (O.A.C.), permits a mercantile customer to file, either individually or jointly with an electric utility, an application to commit the customer's existing demand reduction, demand response, and energy efficiency programs for integration with the electric utility's programs. The following application form is to be used by mercantile customers, either individually or jointly with their electric utility, to apply for commitment of such programs in accordance with the Commission's pilot program established in Case No. 10-834-EL-POR

Completed applications requesting the cash rebate reasonable arrangement option (Option 1) in lieu of an exemption from the electric utility's energy efficiency and demand reduction (EEDR) rider will be automatically approved on the sixty-first calendar day after filing, unless the Commission, or an attorney examiner, suspends or denies the application prior to that time. Completed applications requesting the exemption from the EEDR rider (Option 2) will also qualify for the 60-day automatic approval so long as the exemption period does not exceed 24 months. Rider exemptions for periods of more than 24 months will be reviewed by the Commission Staff and are only approved up the issuance of a Commission order.

Complete a separate application for each customer program. Projects undertaken by a customer as a single program at a single location or at various locations within the same service territory should be submitted together as a single program filing, when possible. Check all boxes that are applicable to your program. For each box checked, be sure to complete all subparts of the question, and provide all requested additional information. Submittal of incomplete applications may result in a suspension of the automatic approval process or denial of the application.

Any confidential or trade secret information may be submitted to Staff on disc or via email at ee-pdr@puc.state.oh.us.

Section 1: Mercantile Customer Information

Name: City of Lakewood

Principal address: 12650 Detroit Road, Lakewood, OH 44107

Address of facility for which this energy efficiency program applies: 12650 Detroit Road, Lakewood, OH 44107

Name and telephone number for responses to questions: Chris Balson, 216-543-0177

Electricity use by the customer (check the box(es) that apply):

- ☒ The customer uses more than seven hundred thousand kilowatt hours per year at the above facility. (Please attach documentation.)
- ☐ The customer is part of a national account involving multiple facilities in one or more states. (Please attach documentation.)

Section 2: Application Information

A) The customer is filing this application (choose which applies):

- ☐ Individually, without electric utility participation.
- ☒ Jointly with the electric utility.

B) The electric utility is: The Cleveland Electric Illuminating Company

C) The customer is offering to commit (check any that apply):

- ☒ Energy savings from the customer's energy efficiency program. (Complete Sections 3, 5, 6, and 7.)
- ☐ Capacity savings from the customer's demand response/demand reduction program. (Complete Sections 4, 5, 6, and 7.)
- ☐ Both the energy savings and the capacity savings from the customer's energy efficiency program. (Complete all sections of the Application.)

Section 3: Energy Efficiency Programs

A) The customer's energy efficiency program involves (check those that apply):

- ☒ Early replacement of fully functioning equipment with new equipment. (Provide the date on which the customer replaced fully functioning equipment, and the date on which the customer would have replaced such equipment if it had not been replaced early. Please include a brief explanation for how the customer determined this future replacement date (or, if not known, please explain why this is not known)). **If Checked, Please see Exhibit 1 and Exhibit 2**
- ☒ Installation of new equipment to replace equipment that needed to be replaced. The customer installed new equipment on the following date(s): _____.
- ☐ Installation of new equipment for new construction or facility expansion. The customer installed new equipment on the following date(s): _____.
- ☐ Behavioral or operational improvement.

B) Energy savings achieved/to be achieved by the energy efficiency program:

- 1) If you checked the box indicating that the project involves the early replacement of fully functioning equipment replaced with new equipment, then calculate the annual savings [(kWh used by the original equipment) - (kWh used by new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: 1,590,896 kWh

- 2) If you checked the box indicating that the customer installed new equipment to replace equipment that needed to be replaced, then calculate the annual savings [(kWh used by less efficient new equipment) - (kWh used by the higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: 330,418 kWh

Please describe any less efficient new equipment that was rejected in favor of the more efficient new equipment. **Please see Exhibit 1 if applicable**

- 3) If you checked the box indicating that the project involves equipment for new construction or facility expansion, then calculate the annual savings [(kWh used by less efficient new equipment) - (kWh used by higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: _____ kWh

Please describe the less efficient new equipment that was rejected in favor of the more efficient new equipment. **Please see Exhibit 1 if applicable**

- 4) If you checked the box indicating that the project involves behavioral or operational improvements, provide a description of how the annual savings were determined.

Section 4: Demand Reduction/Demand Response Programs

A) The customer's program involves (check the one that applies):

- ☒ Coincident peak-demand savings from the customer's energy efficiency program.
- ☐ Actual peak-demand reduction. (Attach a description and documentation of the peak-demand reduction.)
- ☐ Potential peak-demand reduction (check the one that applies):
 - ☐ The customer's peak-demand reduction program meets the requirements to be counted as a capacity resource under a tariff of a regional transmission organization (RTO) approved by the Federal Energy Regulatory Commission.
 - ☐ The customer's peak-demand reduction program meets the requirements to be counted as a capacity resource under a program that is equivalent to an RTO program, which has been approved by the Public Utilities Commission of Ohio.

B) On what date did the customer initiate its demand reduction program?

08-20-2009

C) What is the peak demand reduction achieved or capable of being achieved (show calculations through which this was determined):

290 kW

**Section 5: Request for Cash Rebate Reasonable
Arrangement (Option 1) or Exemption from Rider (Option 2)**

Under this section, check the box that applies and fill in all blanks relating to that choice.

Note: If Option 2 is selected, the application will not qualify for the 60-day automatic approval. All applications, however, will be considered on a timely basis by the Commission.

A) The customer is applying for:

☒ Option 1: A cash rebate reasonable arrangement.

OR

☐ Option 2: An exemption from the energy efficiency cost recovery mechanism implemented by the electric utility.

OR

☐ Commitment payment

B) The value of the option that the customer is seeking is:

Option 1: A cash rebate reasonable arrangement, which is the lesser of (show both amounts):

☒ A cash rebate of \$ 79,640.00. (Rebate shall not exceed 50% project cost. Attach documentation showing the methodology used to determine the cash rebate value and calculations showing how this payment amount was determined.)

Option 2: An exemption from payment of the electric utility's energy efficiency/peak demand reduction rider.

☐ An exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for _____ months (not to exceed 24 months). (Attach calculations showing how this time period was determined.)

OR

☐ A commitment payment valued at no more than \$ _____. (Attach documentation and calculations showing how this payment amount was determined.)

OR

- ☐ Ongoing exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for an initial period of 24 months because this program is part of the customer's ongoing efficiency program. (Attach documentation that establishes the ongoing nature of the program.) In order to continue the exemption beyond the initial 24 month period, the customer will need to provide a future application establishing additional energy savings and the continuance of the organization's energy efficiency program.)

Section 6: Cost Effectiveness

The program is cost effective because it has a benefit/cost ratio greater than 1 using the (choose which applies):

- ☐ Total Resource Cost (TRC) Test. The calculated TRC value is: _____(Continue to Subsection 1, then skip Subsection 2)
- ☒ Utility Cost Test (UCT) . The calculated UCT value is: **See Exhibit 3** (Skip to Subsection 2.)

Subsection 1: TRC Test Used (please fill in all blanks).

The TRC value of the program is calculated by dividing the value of our avoided supply costs (generation capacity, energy, and any transmission or distribution) by the sum of our program overhead and installation costs and any incremental measure costs paid by either the customer or the electric utility.

The electric utility's avoided supply costs were _____.

Our program costs were _____.

The incremental measure costs were _____.

Subsection 2: UCT Used (please fill in all blanks).

We calculated the UCT value of our program by dividing the value of our avoided supply costs (capacity and energy) by the costs to our electric utility (including administrative costs and incentives paid or rider exemption costs) to obtain our commitment.

Our avoided supply costs were **See Exhibit 3**

The utility's program costs were **See Exhibit 3**

The utility's incentive costs/rebate costs were **See Exhibit 3**

Section 7: Additional Information

Please attach the following supporting documentation to this application:

- Narrative description of the program including, but not limited to, make, model, and year of any installed and replaced equipment.
- A copy of the formal declaration or agreement that commits the program or measure to the electric utility, including:
 - 1) any confidentiality requirements associated with the agreement;
 - 2) a description of any consequences of noncompliance with the terms of the commitment;
 - 3) a description of coordination requirements between the customer and the electric utility with regard to peak demand reduction;
 - 4) permission by the customer to the electric utility and Commission staff and consultants to measure and verify energy savings and/or peak-demand reductions resulting from your program; and,
 - 5) a commitment by the customer to provide an annual report on your energy savings and electric utility peak-demand reductions achieved.
- A description of all methodologies, protocols, and practices used or proposed to be used in measuring and verifying program results. Additionally, identify and explain all deviations from any program measurement and verification guidelines that may be published by the Commission.



Public Utilities Commission

Application to Commit
Energy Efficiency/Peak Demand
Reduction Programs
(Mercantile Customers Only)

Case No.: 13 -0183-EL-EEC

State of Ohio :

, Affiant, being duly sworn according to law, deposes and says that:

1. I am the duly authorized representative of:

CITY of Lakewood, Ohio

[insert customer or EDU company name and any applicable name(s) doing business as]

2. I have personally examined all the information contained in the foregoing application, including any exhibits and attachments. Based upon my examination and inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete.

Joseph B. B... Director of Public Works
Signature of Affiant & Title

Sworn and subscribed before me this 29 day of November, 2012 Month/Year

Colleen A. Gillespie
Signature of official administering oath

COLLEEN A. GILLESPIE
Print Name and Title ADMINISTRATIVE ASSISTANT

My commission expires on June 9, 2014

COLLEEN A. GILLESPIE
Notary Public, State of Ohio
My Commission Expires June 9, 2014
(Recorded in Cuyahoga County)

Customer Legal Entity Name: City of Lakewood
 Site Address: City of Lakewood
 Principal Address: 12650 Detroit Avenue

Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	City Hall Lighting	Retrofit existing t12 lamps with t8 lamps. GE Proline Ballast. GE F28t8 lamp	FE Lighting Calculator	It would have been no later than July of 2012. As this is about the time that the t12s were discontinued.	N/A
2	Fire Station 1 Lighting	Retrofit existing t12 lamps with t8 lamps. GE Proline Ballast. GE F28t8 lamp	FE Lighting Calculator	7/1/2012 See Project 1	N/A
3	Fire Station 3 Lighting	Retrofit existing t12 lamps with t8 lamps. GE Proline Ballast. GE F28t8 lamp	FE Lighting Calc.	See Project 1	N/A
4	Fire Station 2 Lighting	Retrofit existing t12 lamps with t8 lamps. GE Proline Ballast. GE F28t8 lamp	FE Lighting Calc.	See Project 1	N/A
5	Animal Shelter Lighting	Retrofit existing t12 lamps with t8 lamps. GE Proline Ballast. GE F28t8 lamp Each individual lighting project was one large project for the city.	FE Lighting Calc	See Project 1	N/A
6	Office on Aging Lighting	Retrofit existing t12 lamps with t8 lamps. GE Proline Ballast. GE F28t8 lamp	FE Lighting Calc.	See Project 1	N/A
7	Park Lakewood Lighting	Retrofit existing t12 lamps with t8 lamps. GE Proline Ballast. GE F28t8 lamp	FE Lighting Calc	See Project 1	N/A

Docket No. 13-0183
 Site: 12650 Detroit Avenue

Exhibit 2

Customer Legal Entity Name: City of Lakewood
 Site Address: City of Lakewood
 Principal Address: 12650 Detroit Avenue

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2011	10,008,130	10,008,130	10,486,885 479,530 236,525
Average	10,008,130	10,008,130	3,734,313

Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ <i>Note 2</i>
1	City Hall Lighting	09/01/2009	\$153,000	\$76,500	195,996	195,996	50	\$9,863	\$7,397
2	Fire Station 1 Lighting	06/10/2009	\$54,000	\$27,000	118,255	118,255	12	\$5,921	\$4,441
3	Fire Station 3 Lighting	06/12/2009	\$18,038	\$9,019	57,719	57,719	6	\$2,889	\$2,167
4	Fire Station 2 Lighting	01/00/1900	\$13,875	\$6,938	33,574	33,574	3	\$1,687	\$1,265
5	Animal Shelter Lighting	01/00/1900	\$6,144	\$3,072	3,506	3,506	1	\$178	\$134
6	Office on Aging Lighting	07/07/2009	\$32,436	\$16,218	37,266	37,266	9	\$1,890	\$1,418
7	Park Lakewood Lighting	06/21/2009	\$40,238	\$20,119	32,439	32,439	8	\$1,632	\$1,224
Total			\$317,731		478,755	478,755	89	\$24,060	\$18,045

Docket No. 13-0183
 Site: 12650 Detroit Avenue

Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

**Commitment
Payment
\$**

\$0

Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	196	\$ 308	\$ 60,422	\$ 579	\$7,397	\$	\$ 7,976	7.6
2	118	\$ 308	\$ 36,456	\$ 579	\$4,441	\$	\$ 5,019	7.26
3	58	\$ 308	\$ 17,794	\$ 579	\$2,167	\$	\$ 2,745	6.48
4	34	\$ 308	\$ 10,350	\$ 579	\$1,265	\$	\$ 1,844	5.61
5	4	\$ 308	\$ 1,081	\$ 579	\$134	\$	\$ 712	1.52
6	37	\$ 308	\$ 11,488	\$ 579	\$1,418	\$	\$ 1,996	5.76
7	32	\$ 308	\$ 10,000	\$ 579	\$1,224	\$	\$ 1,803	5.55
Total	479	\$ 308	147,591	4,050	\$18,045	\$0	22,095	6.7

Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).
- (C) = (A) * (B)
- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.
- (G) = (D) + (E) + (F)
- (H) =(C) / (G)

City of Lakewood ~ City of Lakewood
Docket No. 13-0183

Site: 12650 Detroit Avenue

Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Refuse Facility Lighting	Retrofit existing 112 lamps with 18 lamps. GE Proline Ballast. GE F2818 lamp	FE Lighting Calc	July 2012 Phase out of 112	N/A
2	Police Dept Lighting	Retrofit existing 112 lamps with 18 lamps. GE Proline Ballast. GE F2818 lamp	FE Lighting Calc.	N/A	N/A
3	Service Garage Lighting	Retrofit existing 112 lamps with 18 lamps. GE Proline Ballast. GE F2818 lamp	FE Lighting Calc	July 2012 Phase out of 112s	N/A
4	Water Treatment Lighting	Retrofit existing 112 lamps with 18 lamps. GE Proline Ballast. GE F2818 lamp	FE Lighting Calc	41091	N/A
5	Winterhurst Ice Rink Lighting	Retrofit existing 112 lamps with 18 lamps. GE Proline Ballast. GE F2818 lamp	FE Lighting Calc.	July 2012 Phase out of 112	N/A
6	Youth Services Lighting	Retrofit existing 112 lamps with 18 lamps. GE Proline Ballast. GE F2818 lamp	FE Lighting Calc	July 2012.....Phase out of 112s	N/A
7	Lakewood Street Lighting	Replacement of traffic lights throughout the city to LED traffic lights Leoteck LED. TSL-12R-LX-IL3-A1	FE Lighting Calc.	N/A	N/A
8	Winterhurst HVAC	0	0	N/A	The existing HVAC system was 30 years old and parts were not available for repair.
9	City Hall Chillers	Existing chillers needed to be replaced and upgraded. The existing equipment was over 40 years old and was using R-11 Refrigerant	0	N/A	N/A

Exhibit 2

Customer Legal Entity Name: City of Lakewood
 Site Address: City of Lakewood
 Principal Address: 12650 Detroit Road

Unadjusted Usage, kwh (A)
 Weather Adjusted Usage, kwh (B)
 Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c)
 Note 1

Average 0 0 0

Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ Note 2
1	Refuse Facility Lighting	05/15/2009	\$40,763	\$20,382	67,648	67,648	11	\$3,382	\$2,537
2	Police Dept Lighting	04/20/2009	\$68,513	\$34,257	85,779	85,779	9	\$4,318	\$3,239
3	Service Garage Lighting	06/14/2009	\$37,463	\$18,732	330,055	330,055	55	\$16,503	\$12,377
4	Water Treatment Lighting	05/07/2009	\$27,751	\$13,876	81,295	81,295	12	\$4,089	\$3,067
5	Winterhurst Ice Rink Lighting	05/12/2009	\$41,623	\$20,812	87,725	87,725	14	\$4,407	\$3,305
6	Youth Services Lighting	08/01/2009	\$14,400	\$7,200	10,023	10,023	2	\$514	\$386
7	Lakewood Street Lighting	06/27/2011	\$68,100	\$34,050	449,616	449,616	98	\$22,481	\$16,861
8	Winterhurst HVAC	09/01/2009	\$963,000	\$481,500	201,193	201,193	-	\$16,095	\$12,071
9	City Hall Chillers	06/23/2009	\$809,611	\$404,806	129,225	129,225	-	\$10,338	\$7,754
					-	-	-		
					-	-	-		
Total			\$2,071,224		1,442,559	1,442,559	201	\$82,127	\$61,595

Docket No. 13-0183
 Site: 12650 Detroit Road

Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

**Commitment
Payment
\$**

\$0

Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh	Utility Avoided Cost		Utility Avoided Cost		Utility Cost	Cash Rebate	Administrator Variable Fee	Total Utility Cost	UCT	
		\$/MWh		\$		\$	\$	\$	\$		
	(A)	(B)		(C)		(D)	(E)	(F)	(G)	(H)	
1	68	\$	308	\$	20,855	\$	394	\$2,537	\$	2,931	7.1
2	86	\$	308	\$	26,444	\$	394	\$3,239	\$	3,633	7.28
3	330	\$	308	\$	101,749	\$	394	\$12,377	\$	12,771	7.97
4	81	\$	308	\$	25,062	\$	394	\$12,377	\$	12,771	1.96
5	88	\$	308	\$	27,044	\$	394	\$3,067	\$	3,461	7.81
6	10	\$	308	\$	3,090	\$	394	\$3,305	\$	3,699	0.84
7	450	\$	308	\$	138,608	\$	394	\$386	\$	780	177.82
8	201	\$	308	\$	62,024	\$	394	\$12,377	\$	12,771	4.86
9	129	\$	308	\$	39,837	\$	394	\$12,071	\$	12,465	3.20
Total	1,443	\$	308		444,712		3,546	\$61,736	\$0	65,282	6.8

Notes

- (A) From Exhibit 2, = kWh saved / 1000
 (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).
 (C) = (A) * (B)
 (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
 (E) This is the amount of the cash rebate paid to the customer for this project.
 (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.
 (G) = (D) + (E) + (F)
 (H) =(C) / (G)

City of Lakewood ~ City of Lakewood
 Docket No. 13-0183

Site: 12650 Detroit Road

Lighting Inventory Form

Applicant Name:	City of Lakewood
Facility Name:	Animal Shelter
Date:	

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

[illegible]

[illegible]

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	3,506
Total Change in Connected Load	0.89

Annual Estimated Cost Savings	\$350.60
Annual Operating Hours	4,500

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$167.95
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$0.00
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$10.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$177.95
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	18
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	1
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

The fire station is in use 24/7.

Demand Savings (For Internal Use
Only)

1.00

Lighting Inventory Form

Applicant Name:	City of Lakewood
Facility Name:	City Hall
Date:	

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLITG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

[illegible]

[illegible]

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	195,996
Total Change in Connected Load	50.39

Annual Estimated Cost Savings	\$19,599.60
Annual Operating Hours	4,101

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$9,623.20
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$0.00
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$240.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$9,863.20
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	712
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	24
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

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Demand Savings (For Internal Use Only)	56.79
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Lighting Inventory Form

Applicant Name:	City of Lakewood
Facility Name:	Fire Station 1
Date:	

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

[illegible]

[illegible]

Since the total charge in converted load is smaller than or equal to 50 kW the

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	118,255
Total Change in Connected Load	12.06

Annual Estimated Cost Savings	\$11,825.50
Annual Operating Hours	8,760

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$5,890.65
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$0.00
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$30.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$5,920.65
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	239
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	3
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

The fire station is in use 24/7.

Demand Savings (For Internal Use
Only)

16.15

Lighting Inventory Form

Applicant Name:	City of Lakewood
Facility Name:	Fire Station 2
Date:	

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

[illegible]

PROJECT BASIC INFORMATION					PRE-INSTALLATION					POST-INSTALLATION										Energy Calculations										Page								
Building Address	Floor	Area Description	Interior or Exterior Fixture	Preplacement Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Fixture Type (F)	Pre W Spans (W)	Existing Control Type	Existing Sensor Quantity (Sensor)	Post Fixture Qty	Post Fixture Code	Post Fixture Type (F)	Post W Spans (W)	Proposed Control Type (Sensor or LED)	Proposed Sensor Quantity (Sensor)	Interior Change In Connected Load (W) excluding CFLs or LED Signs	Exterior Change In Connected Load (W) excluding CFLs or LED Signs	Change In Connected Load (W) CFLs or LED and signs	Applicant Concordance Factor (CF) Estimate	Concordance Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Controls Factor	Post Controls Factor	Interior Demand Savings (W) excluding CFLs or LED Signs	Exterior Demand Savings (W) excluding CFLs or LED Signs	Demand Savings (W) CFLs or LED Signs	Applicant Equivalent Full Load Hours (EFLH) Estimate	Prescribed Equivalent Full Load Hours	Annual Interior Fixture kWh Based on CFLs or LED Signs	Annual Exterior Fixture kWh Based on CFLs or LED Signs	Annual kWh Based on CFLs or LED signs only	Annual kWh Saved (Savings only)	Page Circuit Sheet Number		
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Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	33,574
Total Change in Connected Load	3.43

Annual Estimated Cost Savings	\$3,357.40
Annual Operating Hours	8,760

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$1,656.60
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$0.00
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$30.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$1,686.60
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	59
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	3
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

The fire station is in use 24/7.

Demand Savings (For Internal Use
Only)

4.59

Lighting Inventory Form

Applicant Name:	City of Lakewood
Facility Name:	Fire Station 3
Date:	

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLITG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

[illegible]

[illegible]

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	57,719
Total Change in Connected Load	5.89

Annual Estimated Cost Savings	\$5,771.90
Annual Operating Hours	8,760

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$2,878.60
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$0.00
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$10.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$2,888.60
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	84
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	1
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

The fire station is in use 24/7.

Demand Savings (For Internal Use
Only)

7.88

[illegible]

Project Estimated Annual Savings Summary

Lighting

Estimated Annual kWh Savings	449,616
Total Change in Connected Load	98.35

Annual Estimated Cost Savings	\$44,961.60
Annual Operating Hours	4,867

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$0.00
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$22,480.80
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$0.00
Total Lighting Controls Incentive @ \$25/occupancy sensor and \$25/daylight sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$22,480.80
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Signs	762
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0

Total Fixture Quantity for retrofit LED Exit Signs	0
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

Demand Savings (For Internal Use Only)	51.09
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Lighting Inventory Form

Applicant Name:	City of Lakewood
Facility Name:	Office on Aging
Date:	

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLITG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

[illegible]

[illegible]

Note: If your total change in connected load is greater than or equal to 50 kW the cell above will be red. Please see row 4 on the Instructions tab for information on adjusting the predominant space type to "Other" and estimating CF and EFLH values.

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	37,266
Total Change in Connected Load	9.45

Annual Estimated Cost Savings	\$3,726.60
Annual Operating Hours	4,500

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$1,789.70
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$0.00
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$100.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$1,889.70
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	163
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	10
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

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Demand Savings (For Internal Use Only)	10.67
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Lighting Inventory Form

Applicant Name: _____ City of Leavenworth
Facility Name: _____ Park (Leavenworth)
Date: _____

Instructions: Please use one line for each fixture type in a room or area.
For adding or proposed control, choose OGC for Occupancy Sensor, DAYLIT for photosensor, or NONE for none. Controls must save energy to qualify.
The total of Column N, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column K, will be used to calculate your incentive on the Nonresidential Lighting form.

PROJECT BASIC INFORMATION										ENERGY CALCULATIONS																												
Building Address	Floor	Area Description	Interior or Exterior Fixture	Replacement Space Type	Area Code	Pre Fixture Qty	Pre Fixture Code	Pre Fixture Watts (W)	Pre Fixture Space (sq ft)	Existing Control and dim	Existing Sensor Quantity (where applicable)	Post Fixture Qty	Post Fixture Code	Post Fixture Watts (W)	Post Fixture Space (sq ft)	Proposed Control (Watts, 0-100% or dim)	Proposed Sensor Quantity (where applicable)	Percent Change in Connected Load (kW) including CFLs or Exit Signs	Exterior Change in Connected Load (kW) including CFLs or Exit Signs	Change in Connected Load (kW) CFLs or LED exit signs	Applicant Confidence Factor (CF) Estimate	Coincidence Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Controls Factor	Post Controls Factor	Interior Demand Savings (kW) including CFLs or Exit Signs	Exterior Demand Savings (kW) including CFLs or Exit Signs	Applicant Estimated Full Load Hours (CFLs)	Prescribed Equivalent Full Load Hours	Annual Interior Fixture kWh Saved (including CFLs or Exit Signs)	Annual Exterior Fixture kWh Saved (including CFLs or Exit Signs)	Annual kWh Saved (CFLs or LED exit signs only)	Annual kWh Saved (Sensors only)	Post Fixture Cost (Estimated)			
400 North Street	2	Office	Interior	Office - Small	Control Space	2	F48LL	132	8.34	NONE		2	CF750-1-80	55	8.17	OGC	2				84%	84%	84%	12%			84%		0.17	2,600	1,435			646	194	1		
Exterior	2	Restaurant	Exterior	Restaurant - Full Front	Uncontrolled space	2	Example G12 Street 1	50	0.25	OGC		2	Example G12 Street 2	25	0.12	OGC						85%	85%	84%	12%			85%		0.17	2,600	1,435			646	194	1	
Back Street	1	Signage	Exterior	Signage - Open to Open Lighting	Uncontrolled space	9	F420S	99	0.85	NONE		9	F420S	99	0.85	NONE																						
Storage	1	Storage	Interior	Storage - Uncontrolled	Uncontrolled space	19	F420S	99	1.79	NONE		19	F420S	99	1.79	NONE																						
Restroom	1	Restroom	Interior	Other: Please estimate CF and CFLs	Uncontrolled space	19	F410S	57	0.81	NONE		19	F410S	57	0.81	NONE																						
Restaurant	1	Restaurant	Interior	Restaurant - Sit Down	Control Space	8	F480S	186	1.80	NONE		8	F480S	112	0.80	NONE																						
Restroom	1	Restroom	Interior	Restroom - Sit Down	Control Space	4	F410S	57	0.50	NONE		4	F410S	57	0.50	NONE																						
Food Prep	1	Food Prep	Interior	Food Prep - Small	Control Space	218	F410S	57	13.91	NONE		218	F410S	57	6.79	NONE																						
Restaurant Area	1	Restaurant Area	Interior	Restaurant - Full Front	Uncontrolled space	21	F420S	99	1.87	NONE		21	F420S	99	1.84	NONE																						

[illegible]

Note: If user total charge in converted load is smaller than or equal to 50 kW the

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	32,439
Total Change in Connected Load	8.42

Annual Estimated Cost Savings	\$3,243.90
Annual Operating Hours	4,355

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$1,532.15
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$60.35
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$40.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$1,632.50
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	289
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	4
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

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Demand Savings (For Internal Use Only)	8.33
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Lighting Inventory Form

Applicant Name: City of Lakewood

Facility Name: Police Department

Date:

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

Line Item	Building Address	Floor	PROJECT BASIC INFORMATION				PRE-INSTALLATION					POST-INSTALLATION										Emission Calculations																
			Area Description	Interior or Exterior Feature	Predominant Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Watts Fixture (W)	Pre kW Spare (kW)	Existing Sensor or other	Existing Sensor Quantity	Post Fixture Qty	Post Fixture Code	Post Watts Fixture (W)	Post kW Spare (kW)	Proposed Sensor or other	Proposed Sensor Quantity	Fixture Change in Connected Load (W) including CFLs or Exit Signs	Fixture Change in Connected Load (W) including CFLs or Exit Signs	Change in Connected Load (W) or LED exit sign	Applicant Contribution Factor (CF) Estimate	Concordance Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Controls Factor	Post Controls Factor	Energy Savings (kW) including CFLs or Exit Signs	Fixture Change in Demand (W) including CFLs or Exit Signs	Controlled Savings (kW) including CFLs or Exit Signs	Applicant Equivalent Full Load Hours (EFLH) Estimate	Prescribed Full Load Hours	Annual Interior Fixture kWh Saved (including CFLs or Exit Signs)	Annual Exterior Fixture kWh Saved (including CFLs or Exit Signs)	Annual kWh Saved (CFLs or LED exit signs only)	Annual kWh Saved (Sensors only)	Annual kWh Saved (Sensors only)	Post Fixture Sheet Number
0.0	430 North Street	2	Office	Interior	Office - Small	Control Space	3	F4401	172	0.34	NONE		3	CF7501-BW	55	0.11	CCC	3				64%	86%	34%	12%			30%	CCFL	0.17	0.17	0.69	2,430	2,430			199	1
0.0	Exterior	2	Restroom	Exterior	Restroom - Full Coat	Exterior Space	6	F4401	32	0.06	NONE		6	Exterior CFL Street 2	25	0.05	CCC	6			0.12	0.12		86%	86%	34%	12%	30%	CCFL	0.17	0.17	0.69	2,430	2,430			199	1
1	1000 Rte. Lakeside	1	Office	Interior	Other - Please estimate CFL and EFLH	Control Space	145	F4203	34	13.5	NONE		145	F4201	52	8.58	NONE		5.08			100%	100%	34%	12%					8.58		8,730	8,730	49,702			14	
2		1	Office	Interior	Other - Please estimate CFL and EFLH	Control Space	7	F4403	282	1.87	NONE		7	F4401	175	1.23	NONE		0.75			100%	100%	34%	12%					1.10		8,730	8,730	7,349				
3		1	Office	Interior	Other - Please estimate CFL and EFLH	Control Space	76	F4403	188	14.39	NONE		76	F4403	188	14.39	NONE					100%	100%	34%	12%							8,730	8,730					
4		1	Office	Interior	Other - Please estimate CFL and EFLH	Control Space	51	BB11	80	4.08	NONE		51	Out Street 1	28	1.33	NONE		0.75			100%	100%	34%	12%					3.89		8,730	8,730	27,000				
5		1	Office	Interior	Other - Please estimate CFL and EFLH	Control Space	11	E0011	39	2.57	NONE		11		31	3.08	NONE				5.17			100%		34%	12%			3.22						1,413		
6											NONE						NONE																					
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[illegible]

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	85,779
Total Change in Connected Load	8.75

Annual Estimated Cost Savings	\$8,577.90
Annual Operating Hours	8,760

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$4,208.00
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$0.00
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$110.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$4,318.00
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	203
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	11
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

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Demand Savings (For Internal Use Only)	11.71
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Lighting Inventory Form

Applicant Name:	City of Lakewood
Facility Name:	Refuse Facility
Date:	

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the Nonstandard Lighting form.

[illegible]

[illegible]

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	67,648
Total Change in Connected Load	11.25

Annual Estimated Cost Savings	\$6,764.80
Annual Operating Hours	5,913

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$3,142.35
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$240.05
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$0.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$3,382.40
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	101
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	0
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

Demand Savings (For Internal Use
Only)

7.42

Lighting Inventory Form

Applicant Name:	City of Lakewood
Facility Name:	Service Garage
Date:	

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

[illegible]

[illegible]

Note: If your total change in connected load is greater than or equal to 50 kW the cell above will be red. Please see row 4 on the Instructions tab for information on adjusting the predominant space type to "Other" and estimating CF and EFLH values.

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	330,055
Total Change in Connected Load	54.77

Annual Estimated Cost Savings	\$33,005.50
Annual Operating Hours	5,913

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$16,502.75
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$0.00
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$0.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$16,502.75
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	347
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	0
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

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Demand Savings (For Internal Use Only)	36.37
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Lighting Inventory Form

Applicant Name:	City of Lakewood
Facility Name:	Water Treatment
Date:	

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLITG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

[illegible]

[illegible]

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	81,295
Total Change in Connected Load	12.40

Annual Estimated Cost Savings	\$8,129.50
Annual Operating Hours	6,482

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$4,018.75
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$0.00
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$70.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$4,088.75
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	93
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	7
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

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Demand Savings (For Internal Use Only)	10.18
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PERFORMANCE CONTRACT

PARTIES: JOHNSON CONTROLS, INC. (JCI)
 9797 Midwest Avenue
 Cleveland, Ohio 44125

City of Lakewood HB300 Performance Contract

City of Lakewood (Customer)
12650 Detroit Avenue (Address)
Lakewood, Ohio 44107

AGREEMENT DOCUMENTS: In addition to the terms and conditions of this Performance Contract, incorporated into this Agreement are the following (check as applicable).

- Schedule 1--Scope of Work Schedule
- Schedule 2--Assured Performance Guarantee Schedule
- Schedule 3--Services Schedule
- Schedule 4—Price and Payment Terms Schedule

SCOPE OF THE AGREEMENT. JCI agrees to install identifiable improvement measures as delineated in Scope of Work Schedule (Schedule 1) which will result in Project Benefits as set forth in the Assured Performance Guarantee (Schedule 2). After installation of the improvement measures, JCI agrees to provide the services identified in Services Schedule (Schedule 3), that include services that are necessary to monitor, measure, and achieve the identified Project Benefits, subject to the terms of the Assured Performance Guarantee (Schedule 2). The Customer agrees to take all actions identified in this Agreement that are necessary to achieve the Project Benefits identified. JCI shall supervise and direct the Work and Services and shall be solely responsible for all construction means, methods, techniques, sequences, and procedures and for coordinating all portions of the Work and Services under this Agreement. JCI shall be responsible to pay for all labor, materials, equipment, tools, construction equipment and machinery, transportation, and other facilities and services necessary for the proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work and Services. The Customer's payments to JCI and its interest in the Equipment will be based upon the terms of Schedule 4.

TERM. The Term of this Agreement shall begin on the Commencement Date, which shall be **May 20, 2008** or, if no date is included, the date of this Agreement. If the Work is divided into phases or individual projects for which individual prices have been negotiated, then separate Commencement Dates shall apply to each phase or individual project. The Work shall be completed by the Substantial Completion Date, which shall be the earlier of:

the date on which the Customer executes a Certificate of Substantial Completion; or
245 days after the Commencement Date, subject to adjustments as set forth in Paragraph 3 below.

If the Work is divided into phases or individual projects for which individual prices have been negotiated, then separate Substantial Completion Dates shall apply to each phase or individual project. Substantial Completion means that JCI has provided sufficient materials and services to permit the Customer to operate the Equipment or achieve the intended Project Benefits. The Services shall commence on the Substantial Completion Date and shall continue for 120 months. The term of the Assured Performance Guarantee (see Schedule 2) shall coincide with the term of the Services Schedule (see Schedule 3). If for any reason, the Customer cancels or breaches this Agreement, including but not limited to the Service Schedule, the Assured Performance Guarantee shall automatically terminate. The Payment Term shall be defined in Price and Payment Term Schedule (Schedule 4).

DELAYS. If JCI is delayed in the commencement or completion of the Work and/or Services by causes beyond its control and without its fault or negligence, including but not limited to inability to access property, fire, flood, labor disputes, unusual delays in deliveries, abnormal adverse weather conditions, acts of God, acts of war and acts of terrorism or by failure by the Customer to perform its obligations under the Performance Contract and Schedules or failure by the Customer to cooperate with JCI in the timely completion of the Work, then JCI shall provide written notice to the Customer of the existence, extent of, and reason for such delays. An equitable adjustment in Substantial Completion Date, Payment Terms and Assured Performance Guarantee shall be made as a result.

ACCESS. Customer is responsible to provide JCI, its subcontractors and/or its agents reasonable and safe access to all facilities and properties that are in the Customer's control which are subject to the Work and Services contained in this Agreement. Customer

further agrees to assist JCI, its subcontractors and/or its agents to gain access to facilities and properties that are not controlled by the Customer which are subject to the Work and Services contained in this Agreement. An equitable adjustment in Substantial Completion Date, Payment Terms and Assured Performance Guarantee shall be made as a result of any failure to grant such access. **CERTIFICATE OF SUBSTANTIAL COMPLETION.** The Certificate of Substantial Completion to be executed by the Customer shall include:

- a. an acknowledgement by the Customer of the buildings or Improvement Measures substantially completed and the Substantial Completion Date for each building or Improvement Measure;
- b. an acknowledgment by the Customer of receipt of manuals and training provided by JCI under the Agreement;
- c. an acknowledgement by the Customer of the warranty start date and warranty period;
- d. a punchlist of items remaining to be completed by JCI and,
- e. an acknowledgement by the Customer that
 - (i) changes of fire or alarm control points may significantly alter a life safety system, and contribute to a dangerous or life-threatening situation.
 - (ii) changes to fire or alarm points may also require approval of local fire authority; changes to other control points may be linked to the life safety system and affect it; and after each such change, the life safety system should be exercised to see that its integrity has not been violated and it functions properly, as was intended.

- (iii) JCI does not warrant against system malfunction caused by improper use, misuse or wrong entry of data by the customer, and JCI shall not be liable for situations or damages that are the direct result of user-generated databases.

TAXES, PERMITS, AND FEES. JCI shall be responsible for obtaining all permits and related permit fees associated with the Work and Services. JCI shall pay sales, consumer, use, and other similar taxes and shall secure and pay for the building permit and other permits and governmental fees, licenses, and inspections necessary for proper execution. The Customer shall be responsible for securing any necessary approvals, easements, assessments, or zoning changes and shall be responsible for real estate and personal property taxes where applicable. JCI makes no representations regarding the tax implications or Customer's accounting treatment of this Agreement.

WARRANTY. JCI warrants that materials and equipment furnished by JCI will be of good quality and new; that the Work will be free from defects not inherent in the quality required or permitted; and that the Work and Services will conform to the requirements of the Agreement Documents. JCI warrants that the Work shall be free from defects in material and workmanship arising from normal usage for a period of one year from the Substantial Completion Date and that its Services will be free from defects in workmanship, design, and material until the end of the Term, or for one year, whichever is earlier. Upon written notice from the Customer, JCI shall, at its option, repair or replace the defective Work or re-perform defective Services. These warranties do not extend to any Work or Services that have been abused, altered, misused, or repaired by the Customer or third parties without the supervision of and prior written approval of JCI; or if JCI serial numbers or warranty date decals have been removed or altered. The Customer must promptly report any failure of the Equipment to JCI in writing. All replaced Equipment or parts become JCI's property.

THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THOSE OF MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE.

Customer understands that JCI is a provider of services under this Agreement. JCI shall not be considered a merchant or a vendor of goods. **If JCI installs or furnishes a piece of equipment under this Agreement, and that equipment is covered by a warranty from the manufacturer, JCI will transfer the benefits of that manufacturer's warranty to Customer if this Agreement with Customer terminates before the equipment manufacturer's warranty expires.**

7. **CLEANUP.** JCI shall keep the premises and the surrounding area free from accumulation of waste materials or rubbish caused by the Work and, upon completion of the Work, JCI shall remove all waste materials, rubbish, tools, construction equipment, machinery, and surplus materials.

8. **SAFETY.** JCI shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the performance of the Work or Services. JCI shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of public authorities related to safety of persons or property.

HAZARDOUS MATERIALS. Unless specifically noted in Schedule 1, JCI's obligations expressly exclude any Work or Services of any nature associated or connected with the identification, abatement, cleanup, control, removal, or disposal of hazardous materials or substances, including but not limited to asbestos, lead or PCBs, in or on the premises in which JCI will be required to perform Work. **The Customer warrants and represents that, to the best of the Customer's knowledge, there is no asbestos or other hazardous materials in the Customer's building(s) or other premises in which JCI will be required to perform Work that will in any way affect JCI's Work.** Should JCI become aware of or suspect the presence of asbestos or other hazardous materials, JCI shall have the

right to stop work in the affected area immediately and notify the Customer. The Customer will be responsible for doing whatever is necessary to correct the condition in accordance with all applicable statutes and regulations. The Customer agrees to assume responsibility for any claims arising out of or relating to the presence of asbestos or other hazardous materials in the Customer's buildings or any premises in which JCI will be required to perform Work.

INSURANCE. Prior to commencing the Work, JCI shall provide a certificate of insurance with Contractor showing its insurance coverage's, and JCI shall maintain such insurance in full force and effect at all times until the Work and Services have been completed, in the following minimum amounts:

COVERAGES

LIMITS OF LIABILITY

Workmen's Compensation Insurance or self insurance,
including Employer's Liability

Statutory

Comprehensive General
Liability Insurance, including Contractual.

\$5,000,000 One Occurrence
\$5,000,000 Each Aggregate

Comprehensive Automobile Liability
Insurance

\$5,000,000 Combined
Single Limit

The above limits are obtained through primary and excess policies.

The Customer shall be responsible for obtaining any builder's risk insurance and shall assume full responsibility for any risk of loss to the Work.

11. INDEMNITY. The Customer assumes all risk and liability for the use, operation, and storage of the Equipment, and for injuries or death to persons or damage to property arising out of the use, operation, or storage of the Equipment, except for any injuries or death to persons or damage to property caused by the negligence of JCI, its employees, agents or assigns. The Customer shall indemnify and hold harmless JCI, its employees, agents, and assigns from and against all claims, actions, damages, liabilities, and expenses, including attorney's fees, arising out of or related to this Agreement, except for injuries or death to persons or damage to property caused by the negligence of JCI, its employees, agents or assigns.

JCI shall indemnify and hold harmless the Customer, its employees, agents, and assigns against all claims, actions, damages, liabilities, and expenses, including attorney's fees, arising out of or related to any claims of patent infringement and any claims of construction or materialman's lien made by any subcontractor or materialman. JCI and the Customer agree that JCI shall be responsible only for such injury, loss, or damage caused by the intentional misconduct or the negligence act or omission of JCI. The obligations of JCI and of the Customer under this paragraph are further subject to paragraph 12 below.

LIABILITY AND FORCE MAJEURE. JCI shall not be liable under this Agreement in an amount in excess of its primary general comprehensive policy limits. Neither JCI nor the Customer will be responsible to the other for any special, indirect, or consequential damages arising in any manner from the Work or Services. Neither party will be responsible to the other for damages, loss, injury, or delay caused by conditions that are beyond the reasonable control, and without the intentional misconduct or negligence, of that party. Such conditions include, but are not limited to: acts of God; acts of Government agencies; strikes; labor disputes; fire; explosions or other casualties; thefts; vandalism; riots or war; acts of terrorism; or unavailability of parts, materials or supplies. If this Agreement covers fire safety or security equipment, the Customer understands that JCI is not an insurer regarding those services. JCI shall not be responsible for any damage or loss that may result from fire safety or security equipment that fails to perform properly or fails to prevent a casualty loss. JCI is also not responsible for any injury, loss, or damage caused by equipment that is not Covered Equipment, as defined in Schedule 3.

JCI'S PROPERTY. All materials furnished by and used by JCI personnel and/or JCI authorized subcontractors or agents at the installation site, including documentation, schematics, test equipment, software, and associated media remain the exclusive property of JCI. The Customer agrees not to use such materials for any purpose at any time. The Customer agrees to allow JCI personnel and/or JCI authorized subcontractors or agents to retrieve and to remove all such materials remaining after installation or maintenance operations have been completed. The Customer acknowledges that all JCI software included is proprietary and will be delivered only under the provisions of an appropriate Software License Agreement that will limit its use to the system purchased under this Agreement.

DISPUTES. If a dispute arises under this Agreement, the parties shall promptly attempt in good faith to resolve the dispute by negotiation. All disputes not resolved by negotiation shall be resolved in accordance with the Commercial Rules of the American Arbitration Association in effect at that time, except as modified herein. All disputes shall be decided by a single arbitrator. A decision shall be rendered by the arbitrator no later than nine months after the demand for arbitration is filed, and the arbitrator shall state in writing the factual and legal basis for the award. No discovery shall be permitted. The arbitrator shall issue a scheduling order that shall not be modified except by the mutual agreement of the parties. Judgment may be entered upon the award in the highest state or federal court having jurisdiction over the matter. The prevailing party shall recover all costs, including attorney's fees, incurred as a result of the dispute. **If the Customer is a state or local governmental entity, then this paragraph may not apply.**

MODIFICATIONS. Additions, deletions, and modifications to this Agreement may be made upon the mutual agreement of the parties in writing. The parties contemplate that such modifications may include but are not limited to the installation of additional improvement measures, energy conservation measures, facility improvement measures, and operational efficiency improvements or furnishing of additional services within the identified facilities, as well as other facilities owned or operated by the Customer. These modifications may take the form of additional phases of work or modifications to the original scope of Work or Services.

NOTICES. All notices or communications related to this Agreement shall be in writing and shall be deemed served if and when sent by facsimile or mailed by certified or registered mail to JCI at the address listed on page 1 of this Performance Contract and to JCI, ATTN: General Counsel - Controls, 507 East Michigan Street, Milwaukee, Wisconsin, 53202, and to Customer at the address listed on page 1 of this Performance Contract.


17. ADDITIONAL TERMS.

- A. Any failure of JCI to require strict performance by the Customer, or any waiver by JCI of any requirement under this Agreement, does not consent to or waive any subsequent failure or breach by the Customer.
- B. If any provision of this Agreement is invalid under any applicable law, that provision shall not apply, but the remaining provisions shall apply as written.
- C. The captions and titles in this Agreement are for convenience only and shall not affect the interpretation or meaning of this Agreement.
- D. This Agreement is the full Agreement between JCI and the Customer as of the date it is signed. All previous conversations, correspondence, agreements, or representations related to this Agreement (including any Project Development Agreement) are not part of the Agreement between JCI and the Customer and are superceded by this Agreement.
- E. This Agreement shall be construed in accordance with the laws of the state of the principal place of Business of the Customer at the time of the execution of this Agreement.
- F. If there is more than one Customer named in this Agreement, the liability of each shall be joint and several.

NOTICE
JCI MAKES NO WARRANTIES AS TO THE EQUIPMENT EXCEPT
AS SET FORTH ABOVE.

Dated , 2005/20/02

CUSTOMER:


Signature: 

Printed Name: Ed Fitzgerald

Title: Mayor of Lakeview

Schedule 1

JOHNSON CONTROLS, INC.

Signature: 

Printed Name: Bruce J. Smith

Title: Rickey W. Smith

SCOPE OF WORK SCHEDULE

1. SUMMARY OF WORK: The following summarizes the Work to be provided by JCI under this Agreement, as further defined below:

Scope Of Work Summary:
Lighting Retrofits
Building Envelope Improvements
Building Automation Systems Installation
Winterhurst Rooftop Unit Replacements
City Hall Chiller Replacement & HVAC Upgrades
Office on Aging – West HVAC Replacements
Traffic / Signs Shop HVAC Replacements

Infrastructure Improvement Measure # 1**Lighting Retrofits**

Provide all labor and materials for a turn-key lighting retrofit throughout the City as described in the following tables.

City Hall

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Bsmt - Microfilm A	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
2	Bsmt - Microfilm B	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
3	Bsmt - Building Dept. A	30	2x4 Rec'd Troffer (4) F40T12 Lamps	30	Reballast (4) 4ft T8 Lamps
4	Bsmt - Building Dept. A	2	2x4 Modular Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
5	Bsmt - Building Dept. A	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
6	Bsmt - Building Dept. B	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
7	Bsmt - Building Dept. C	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
8	Bsmt - Building Dept. D	2	8ft Strip (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
9	Bsmt - Building Dept. E	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
10	Bsmt - Building Dept. E	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
11	Bsmt - Building Dept. F	5	2x4 Rec'd Troffer (4) F40T12 Lamps	5	Reballast (4) 4ft T8 Lamps
12	Bsmt - Building Dept. G	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
13	Bsmt - Building Dept. H	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
14	Bsmt - Building Dept. H	1	8ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
15	Bsmt - Planning/Development A	3	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	3	Reballast (2) U6 T8 Lamps
16	Bsmt - A	8	2x4 Rec'd Troffer (4) F40T12 Lamps	8	Reballast (4) 4ft T8 Lamps
17	Bsmt - B	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
18	Bsmt - C	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
19	Bsmt - D	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
20	Bsmt - E	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
21	Bsmt - F	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
22	Bsmt - Telephone Equip. Room		No Change		
23	Bsmt - Mens R.R.	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
24	Bsmt - Mop Closet	1	Vapor Tight (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp
25	Bsmt - Women's R.R.	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
26	Bsmt - Women's R.R.	1	Vapor Tight (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp
27	Bsmt - Basement Hall	21	4ft Wrap Around (4) F40T12 Lamps	21	Reballast (4) 4ft T8 Lamps
28	Bsmt - Mop Closet (By Police Dept)	1	Vapor Tight (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp
29	Bsmt - Garage	10	4ft Vaportite (2) F40T12 Lamps	10	Reballast (2) 4ft T8 Lamps
30	Bsmt - Garage	10	Industrial (1) 100w Lamp	10	Replace with (1) 26w Spring Lamp
31	Bsmt - Storage Garage	3	4ft Vaportite (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
32	Bsmt - Storage Garage	1	Industrial (1) 100w Lamp	1	Replace with (1) 26w Spring Lamp
33	Bsmt - Boiler Room	1	2ft Strip (2) F20T12 Lamps	1	Reballast (2) 2ft T8 Lamps
34	Bsmt - Boiler Room	15	Industrial (1) 100w Lamp	15	Replace with (1) 26w Spring Lamp
35	Bsmt - Boiler Room	1	8ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
36	Bsmt - Maint. Office	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
37	Bsmt - Maint. Office	1	8ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
38	2nd - Mayors Office Sect'Y	4	8ft Wrap Around (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
39	2nd - Mayors Office Sect'Y	6	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	6	Reballast (2) U6 T8 Lamps
40	2nd - Mayors Office Sect'Y	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
41	2nd - Conference Room	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
42	2nd - Mayor Asst. Office	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps

43	2nd - Mayor Office		No Change		
44	2nd - Human Resource	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
45	2nd - Human Resource	5	2x4 Rec'd Troffer (4) F40T12 Lamps	5	Reballast (4) 4ft T8 Lamps
46	2nd - Human Res. Back Office	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
47	2nd - Finance Dept. A	20	2x4 Rec'd Troffer (4) F40T12 Lamps	20	Reballast (4) 4ft T8 Lamps
48	2nd - Finance Dept. B	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
49	2nd - Finance Dept. C	2	4ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
50	2nd - Director Of Finance A	2	1x4 Rec'd Troffer (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
51	2nd - Director Of Finance A	1	1x4 Rec'd Troffer (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
52	2nd - Director Of Finance A	3	4ft Wrap Around (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
53	2nd - Director Of Finance B	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
54	2nd - Director Of Finance C		No Change		
55	2nd - Law Department A	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
56	2nd - Law Department A	4	1x4 Rec'd Troffer (1) F40T12 Lamp	4	Reballast (1) 4ft T8 Lamp
57	2nd - Law Department A	1	1x4 Rec'd Troffer (1) F40T12 Lamp	1	Reballast (1) 4ft T8 Lamp
58	2nd - Law Department B	1	2x4 Rec'd Troffer (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
59	2nd - Law Department B	2	1x4 Rec'd Troffer (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
60	2nd - Law Department C	1	2x4 Rec'd Troffer (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
61	2nd - Law Department D	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
62	2nd - Law Department E	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
63	2nd - Law Department F	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
64	2nd - Law Department G	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
65	2nd - Law Department H	5	2x4 Rec'd Troffer (4) F40T12 Lamps	5	Reballast (4) 4ft T8 Lamps
66	2nd - Law Department H	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
67	2nd - Law Department H	2	1x4 Rec'd Troffer (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
68	2nd - Law Library	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
69	2nd - Copy Room	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
70	2nd - Data Process. A	11	2x4 Rec'd Troffer (4) F40T12 Lamps	11	Reballast (4) 4ft T8 Lamps
71	2nd - Data Process. B	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
72	2nd - Data Process. C	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
73	2nd - Data Process. D	5	2x4 Rec'd Troffer (4) F40T12 Lamps	5	Reballast (4) 4ft T8 Lamps
74	2nd - Data Process. E	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
75	2nd - Law Dept. A	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
76	2nd - Law Dept. B	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
77	2nd - Law Dept. C	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
78	2nd - Engineering A	8	2x4 Rec'd Troffer (4) F40T12 Lamps	8	Reballast (4) 4ft T8 Lamps
79	2nd - Engineering A	3	4ft Wrap Around (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
80	2nd - Engineering B	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
81	2nd - Engineering C	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
82	2nd - Engineering D	15	2x4 Rec'd Troffer (4) F40T12 Lamps	15	Reballast (4) 4ft T8 Lamps
83	2nd - Engineering D	3	1x4 Rec'd Troffer (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
84	2nd - Engineering E	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
85	2nd - Engineering F	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
86	2nd - Engineering G	8	1x4 Rec'd Troffer (2) F40T12 Lamps	8	Reballast (2) 4ft T8 Lamps
87	2nd - Engineering H	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
88	2nd - Public Works A	9	2x4 Rec'd Troffer (4) F40T12 Lamps	9	Reballast (4) 4ft T8 Lamps
89	2nd - Public Works A	2	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	2	Reballast (2) U6 T8 Lamps
90	2nd - Public Works B	2	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	2	Reballast (2) U6 T8 Lamps
91	2nd - Public Works C	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
92	2nd - Public Works D	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
93	2nd - Public Works E	1	2x4 Rec'd Troffer (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps

94	2nd - Public Works E	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
95	2nd - 2Nd Floor Hall	7	2x4 Rec'd Troffer (4) F40T12 Lamps	7	Reballast (4) 4ft T8 Lamps
96	2nd - Auditorium Hall	3	Exit Sign (2) 20w Lamps	3	New LED Exit Sign w/BBU
97	2nd - Auditorium	34	2x4 Rec'd Troffer (4) F40T12 Lamps	34	Reballast (4) 4ft T8 Lamps
98	2nd - Auditorium	3	Exit Sign (2) 20w Lamps	3	New LED Exit Sign w/BBU
99	2nd - Community Development	15	2x4 Rec'd Troffer (4) F40T12 Lamps	15	Reballast (4) 4ft T8 Lamps
100	2nd - Recycling/Litter	11	1x4 Rec'd Troffer (2) F40T12 Lamps	11	Reballast (2) 4ft T8 Lamps
101	2nd - Closet	2	4ft Wrap Around (1) F32T8 Lamp	2	Reballast (1) 4ft T8 Lamp
102	2nd - Elevator Lobby	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
103	2nd - Elevator Lobby	2	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	2	Reballast (2) U6 T8 Lamps
104	2nd - Stairs And Other Lobbies	12	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	12	Reballast (2) U6 T8 Lamps
105	2nd - Stairwell Exits	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
106	1st - S.W. Entry Lobby	22	2x4 Rec'd Troffer (4) F40T12 Lamps	22	Reballast (4) 4ft T8 Lamps
107	1st - Desk	12	2x4 Rec'd Troffer (4) F40T12 Lamps	12	Reballast (4) 4ft T8 Lamps
108	1st - Juv. Court Office	6	2x4 Rec'd Troffer (4) F40T12 Lamps	6	Reballast (4) 4ft T8 Lamps
109	1st - Courtroom	30	2x4 Rec'd Troffer (4) F40T12 Lamps	30	Reballast (4) 4ft T8 Lamps
110	1st - Judges Office	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
111	1st - Library	5	2x4 Rec'd Troffer (4) F40T12 Lamps	5	Reballast (4) 4ft T8 Lamps
112	1st - Clerk Of Courts	3	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	3	Reballast (2) U6 T8 Lamps
113	1st - Clerk Of Courts	12	4ft Wrap Around (4) F40T12 Lamps	12	Reballast (4) 4ft T8 Lamps
114	1st - Clerk Of Courts	33	2x4 Rec'd Troffer (4) F40T12 Lamps	33	Reballast (4) 4ft T8 Lamps
115	1st - Judge Carrol Hearing Rm	1	8ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
116	1st - Judge Carrol Hearing Rm	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
117	1st - Wom. R.R.		No Change		
118	1st - Clerk/Council Reception	9	2x4 Rec'd Troffer (4) F40T12 Lamps	9	Reballast (4) 4ft T8 Lamps
119	1st - Clerk/Council Reception	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
120	1st - Probation	14	2x4 Rec'd Troffer (4) F40T12 Lamps	14	Reballast (4) 4ft T8 Lamps
121	1st - Probation	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
122	1st - Parking Tickets	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
123	1st - Court Office	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
124	1st - Magistrate Office	4	1x4 Rec'd Troffer (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
125	1st - Magistrate Office	6	2x4 Rec'd Troffer (4) F40T12 Lamps	6	Reballast (4) 4ft T8 Lamps
126	1st - Human Services	1	2x2 Rec'd Troffer (2) F40T12/U6	1	Reballast (2) U6 T8 Lamps
127	1st - Human Services	3	1x4 Rec'd Troffer (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
128	1st - Human Services	1	4ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
129	1st - Human Services	6	2x4 Rec'd Troffer (4) F40T12 Lamps	6	Reballast (4) 4ft T8 Lamps
130	1st - Jury Room	4	8ft Industrial (2) F96T12 Lamps	4	8ft Reflector (2) 4ft T8 Lamps
131	1st - Jury Room	14	Rec'd Can (1) 75w Lamp	14	Replace with (1) 13w Spring Lamp
132	1st - Mens R.R.	2	4ft Wrap Around (1) F32T8 Lamp	2	Reballast (1) 4ft T8 Lamp
133	1st - Closet	1	Porcelain Socket (1) 100w Lamp	1	Replace with (1) 26w Spring Lamp
134	1st - Other Exits	10	Exit Sign (2) 20w Lamps	10	New LED Exit Sign w/BBU
135	Annex - Div. Of Health - Entry	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
136	Annex - Lobby/Area	14	2x4 Rec'd Troffer (4) F40T12 Lamps	14	Reballast (4) 4ft T8 Lamps
137	Annex - Records Room	2	8ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
138	Annex - Environmental Office	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
139	Annex - Nurses Office	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
140	Annex - Exam Room	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
141	Annex - Enviro. Supt. Office	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
142	Annex - Asst. Director Off.	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
143	Annex - Hall To R.R'S	1	2x4 Rec'd Troffer (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
144	Annex - Hall To R.R'S	7	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	7	Reballast (2) U6 T8 Lamps

145	Annex - Hall To R.R'S	4	Exit Sign (2) 20w Lamps	4	New LED Exit Sign w/BBU
146	Annex - Mens R.R.	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
147	Annex - Mop Closet	1	2x4 Rec'd Troffer (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
148	Annex - Women's R.R.	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
149	Annex - Tax/Water Dept. Entry	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
150	Annex - Tax/Water Lobby	1	2x4 Rec'd Troffer (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
151	Annex - Tax/Water Lobby	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
152	Annex - Behind Counter	18	2x4 Rec'd Troffer (4) F40T12 Lamps	18	Reballast (4) 4ft T8 Lamps
153	Annex - Behind Counter	4	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	4	Reballast (2) U6 T8 Lamps
154	Annex - Behind Counter	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
155	Annex - Water Office	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
156	Annex - Exit Door	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
157	Annex - Office	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
158	Annex - Office	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
159	Annex - Storage Room	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
160	Annex - Div. Of Health Canopy	2	8ft Strip (2) F96T12HO Lamps	2	8ft Reflector (2) 4ft T8 Lamps
161	Annex - Div. Of Health Canopy	1	4ft Strip (2) F48T12HO Lamps	1	4ft Reflector (1) 4ft T8 Lamp
162	Annex - Income Tax Canopy	1	4ft Strip (2) F48T12HO Lamps	1	4ft Reflector (1) 4ft T8 Lamp
163	Annex - Div. Of Water Canopy	1	4ft Strip (2) F48T12HO Lamps	1	4ft Reflector (1) 4ft T8 Lamp

Fire Station # 1

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Front Desk	4	4ft Strip (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
2	Main Office	19	2x4 Parabolic Troffer (3) F40T12 Lamps	19	Reballast I/O (3) 4ft T8 Lamps
3	Main Office R.R.	1	4ft Wall Bracket (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
4	Main Office	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
5	Hall	8	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	8	Reballast (2) U6 T8 Lamps
6	Hall	2	2x4 Rec'd Troffer (3) F40T12 Lamps	2	Reballast (3) 4ft T8 Lamps
7	Hall	3	Exit Sign (2) 20w Lamps	3	New LED Exit Sign w/BBU
8	Training Room	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
9	Training Room	12	2x4 Rec'd Troffer (3) F40T12 Lamps	12	Reballast (3) 4ft T8 Lamps
10	Training Room Storage	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
11	Fitness Rm.	4	4ft Wrap Around (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
12	Fitness Rm.	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
13	Fitness 2Nd Level	4	4ft Wrap Around (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
14	Mens R.R.	1	4ft Wall Bracket (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
15	Women's R.R.	1	4ft Wall Bracket (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
16	Kitchen	4	2x4 Rec'd Troffer (3) F40T12 Lamps	4	Reballast (3) 4ft T8 Lamps
17	Kitchen Storage	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
18	Dining Rm.	6	2x4 Parabolic Troffer (3) F40T12 Lamps	6	Reballast (3) 4ft T8 Lamps
19	Hc Restroom	1	4ft Wall Bracket (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
20	Tv Room	4	2x4 Rec'd Troffer (3) F40T12 Lamps	4	Reballast (3) 4ft T8 Lamps
21	Stairs A	5	4ft Wall Bracket (2) F40T12 Lamps	5	Reballast (2) 4ft T8 Lamps
22	Stairs A	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
23	Basement Ping Pong Rm.	8	4ft Wrap Around (2) F40T12 Lamps	8	Reballast (2) 4ft T8 Lamps
24	Ping Pong Rm.	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
25	Storage Rm/Air Handler	5	4ft Strip (2) F40T12 Lamps	5	Reballast (2) 4ft T8 Lamps
26	Panel Rm.	2	4ft Strip (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps

27	Eoc	4	4ft Strip (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
28	Stairs B	5	4ft Wall Bracket (2) F40T12 Lamps	5	Reballast (2) 4ft T8 Lamps
29	Stairs B	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
30	2Nd Flr. Hall	3	2x4 Rec'd Troffer (3) F40T12 Lamps	3	Reballast (3) 4ft T8 Lamps
31	2Nd Flr. Hall	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
32	2Nd Flr. Hall	4	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	4	Reballast (2) U6 T8 Lamps
33	Library	2	8ft Strip (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
34	Asst. Chief Office	2	2x4 Rec'd Troffer (3) F40T12 Lamps	2	Reballast (3) 4ft T8 Lamps
35	Asst. Chief Qtrs.	2	2x4 Rec'd Troffer (3) F40T12 Lamps	2	Reballast (3) 4ft T8 Lamps
36	Storage Room	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
37	Dorm	8	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	8	Reballast (2) U6 T8 Lamps
38	Shower/Locker Rm.	7	4ft Vaportite (2) F40T12 Lamps	7	Reballast (2) 4ft T8 Lamps
39	Over Sink	4	4ft Wall Bracket (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
40	Over Toilets	3	4ft Strip (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
41	Hook & Ladder Captain	1	2x4 Rec'd Troffer (3) F40T12 Lamps	1	Reballast (3) 4ft T8 Lamps
42	Engine Captain	1	2x4 Rec'd Troffer (3) F40T12 Lamps	1	Reballast (3) 4ft T8 Lamps
43	Laundry Rm.	1	8ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
44	Mop Rm.	1	4ft Vaportite (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
45	Women's R.R.	3	4ft Vaportite (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
46	Ems Office	3	2x4 Parabolic Troffer (3) F40T12 Lamps	3	Reballast (3) 4ft T8 Lamps
47	Ladder Truck Garage	18	8ft Industrial (4) F32T8 Lamps	18	Reballast (4) 4ft T8 Lamps
48	Ladder Garage Office	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
49	Main Garage	20	8ft Industrial (4) F32T8 Lamps	20	Reballast (4) 4ft T8 Lamps
50	Main Garage	12	4ft Industrial (2) F40T12 Lamps	12	Reballast (2) 4ft T8 Lamps
51	Main Garage	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
52	Main Garage	8	8ft Industrial (4) F32T8 Lamps	8	Reballast (4) 4ft T8 Lamps
53	Main Garage	3	Exit Sign (2) 20w Lamps	3	New LED Exit Sign w/BBU
54	Scba Maint.	1	8ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
55	Paint Cabinet	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
56	Equip. Room	6	4ft Wrap Around (2) F40T12 Lamps	6	Reballast (2) 4ft T8 Lamps
57	Equip. Room	1	4ft Vaportite (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
58	Equip. Room	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
59	Shovel Room	1	4ft Vaportite (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
60	Training Tower	6	4ft Vaportite (2) F40T12 Lamps	6	Reballast (2) 4ft T8 Lamps
61	Outbuilding Garage	5	8ft Strip (2) F96T12HO Lamps	5	8ft Reflector (2) 4ft T8 Lamps

Fire Station # 2

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Breakroom	6	2x4 Rec'd Troffer (3) F40T12 Lamps	6	Reballast (3) 4ft T8 Lamps
2	Breakroom	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
3	Back Entry	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
4	Back Entry	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
5	Soffit	9	4ft Wall Bracket (1) F40T12 Lamp	9	Reballast (1) 4ft T8 Lamp
6	R.R.	1	3ft Wall Bracket (2) F30T12 Lamps	1	Reballast (1) 3ft T8 Lamp
7	Living Room	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
8	Front Entry	1	4ft Wall Bracket (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
9	Front Entry	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
10	Stairs A	6	4ft Wall Bracket (2) F40T12 Lamps	6	Reballast (2) 4ft T8 Lamps

11	Basement Weight Rm.	4	4ft Strip (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
12	Basement Weight Rm.	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
13	Basement Weight Rm.	2	Porcelain Socket (1) 100w Lamp	2	Replace with (1) 26w Spring Lamp
14	Shower Rm.	1	4ft Strip (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
15	Laundry Rm.	2	4ft Strip (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
16	Stairs B	2	Drum Fixture (2) 60w Lamps	2	Replace with (2) 13w Spring Lamps
17	2Nd Flr. Dorm	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
18	2Nd Flr. Dorm	2	2x4 Rec'd Troffer (3) F40T12 Lamps	2	Reballast (3) 4ft T8 Lamps
19	Hall	1	2x4 Rec'd Troffer (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
20	Office	1	2x4 Rec'd Troffer (3) F40T12 Lamps	1	Reballast (3) 4ft T8 Lamps
21	Closet	1	Porcelain Socket (1) 100w Lamp	1	Replace with (1) 26w Spring Lamp
22	R.R.	2	4ft Wall Bracket (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
23	R.R.	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
24	Captain Qtrs.	1	2x4 Rec'd Troffer (3) F40T12 Lamps	1	Reballast (3) 4ft T8 Lamps
25	Stairs	2	Drum Fixture (2) 60w Lamps	2	Replace with (2) 13w Spring Lamps
26	Garage	10	8ft Vaportite (4) F40T12 Lamps	10	Reballast (4) 4ft T8 Lamps
27	Garage	7	4ft Vaportite (2) F40T12 Lamps	7	Reballast (2) 4ft T8 Lamps
28	Garage	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
29	Mop Closet	1	4ft Vaportite (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
30	Lawnmower Storage	1	4ft Vaportite (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps

Fire Station # 3

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Front Desk	2	1x4 Rec'd Troffer (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
2	Front Desk	2	Porcelain Socket (1) 60w Lamp	2	Replace with (1) 13w Spring Lamp
3	Hall	7	Drum Fixture (1) 60w Lamp	7	Replace with (1) 13w Spring Lamp
4	Outer Office	3	2x4 Rec'd Troffer (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
5	Front Entry	1	2x4 Rec'd Troffer (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
6	Captain Room	1	2x4 Rec'd Troffer (4) F32T8 Lamps	1	Reballast (4) 4ft T8 Lamps
7	Cot Room	1	2x4 Rec'd Troffer (4) F32T8 Lamps	1	Reballast (4) 4ft T8 Lamps
8	Dorm	3	2x4 Rec'd Troffer (4) F32T8 Lamps	3	Reballast (4) 4ft T8 Lamps
9	Restroom	1	8ft Wrap Around (4) F32T8 Lamps	1	Reballast (4) 4ft T8 Lamps
10	Restroom	1	4ft Wrap Around (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
11	Restroom	2	4ft Wall Bracket (1) F32T8 Lamp	2	Reballast (1) 4ft T8 Lamp
12	Shower	3	Rec'd Can (1) 60w Lamp	3	Replace with (1) 13w Spring Lamp
13	Hall	3	Drum Fixture (1) 60w Lamp	3	Replace with (1) 13w Spring Lamp
14	Weight Room	1	2x4 Rec'd Troffer (4) F32T8 Lamps	1	Reballast (4) 4ft T8 Lamps
15	Locker Rms	4	2x4 Rec'd Troffer (4) F32T8 Lamps	4	Reballast (4) 4ft T8 Lamps
16	Storage Closet	1	8ft Wrap Around (4) F40T12 Lamps	1	Replace with (1) 26w Spring Lamp
17	Back Hall	4	Drum Fixture (1) 60w Lamp	4	Replace with (1) 13w Spring Lamp
18	Kitchen	2	2x4 Rec'd Troffer (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
19	Dining	2	2x4 Rec'd Troffer (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
20	Kit/Din. Soffit	10	4ft Strip (2) F40T12 Lamps	10	Reballast (2) 4ft T8 Lamps
21	Pop Machine	1	4ft Wrap Around (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
22	Mop Closet	1	Industrial (1) 100w Lamp	1	Replace with (1) 26w Spring Lamp
23	Restroom	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps

24	Restroom	1	2ft Wall Bracket (2) F20T12 Lamps	1	Reballast (2) 2ft T8 Lamps
25	Garage	21	8ft Strip (2) F96T12HO Lamps	21	8ft Reflector (4) 4ft T8 Lamps
26	Balcony	2	8ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
27	Garage Tool Rm.	2	8ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
28	Uniform Rm	2	8ft Vaportite (2) F96T12 Lamps	2	New 8ft Vapor tight (2) 4ft T8 Lamps
29	Laundry	2	8ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
30	Equip. Storage	2	Industrial (1) 100w Lamp	2	Replace with (1) 26w Spring Lamp
31	Hose Tower	2	8ft Vaportite (2) F96T12 Lamps	2	New 8ft Vapor tight (2) 4ft T8 Lamps

Animal Shelter

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Main Entry	2	2x4 Rec'd Troffer (3) F40T12 Lamps	2	Reballast (3) 4ft T8 Lamps
2	Main Entry	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
3	Hall	2	2x4 Rec'd Troffer (3) F40T12 Lamps	2	Reballast (3) 4ft T8 Lamps
4	Office	1	2x4 Rec'd Troffer (3) F40T12 Lamps	1	3Reballast (3) 4ft T8 Lamps
5	R.R.	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
6	Cat Room	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
7	Furnace Closet	1	4ft Strip (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
8	Washroom	1	8ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
9	Doge Cages	2	8ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
10	Back Dog Room	4	4ft Wrap Around (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
11	Kitchen	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
12	Laundry/Shower	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
13	Water Heater Closet	1	Porcelain Socket (1) 100w Lamp	1	Replace with (1) 13w Spring Lamp

Office on Aging

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Side Entrance	1	2x2 Rec'd Troffer (2) F32T8/U6 Lamps	1	Reballast (2) U6 T8 Lamps
2	Tv Room	10	2x4 Rec'd Troffer (4) F40T12 Lamps	10	Reballast (4) 4ft T8 Lamps
3	Tv Room	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
4	Closet		No Change		
5	Mens R.R.		No Change		
6	Women's R.R.		No Change		
7	Women's R.R.		No Change		
8	Hall		No Change		
9	Café/Dining	24	2x4 Rec'd Troffer (4) F40T12 Lamps	24	Reballast (4) 4ft T8 Lamps
10	Café/Dining	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
11	Kitchen	7	8ft Wrap Around (4) F40T12 Lamps	7	Reballast (4) 4ft T8 Lamps
12	Kitchen	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
13	Kitchen	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
14	Kitchen Storage	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
15	Supplies Closet	1	Porcelain Socket (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp
16	Nutrition Office	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
17	Coat Storage	1	Rec'd Can (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp
18	Front Lobby	1	Rec'd Can (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp

19	Front Office 1	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
20	Front Office 2	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
21	Front Office 3	5	2x4 Rec'd Troffer (4) F40T12 Lamps	5	Reballast (4) 4ft T8 Lamps
22	Front Center Entry	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
23	Stair Up And 2Nd Hall	5	Drum Fixture (2) 60w Lamps	5	Replace with (2) 13w Spring Lamps
24	Stair Up And 2Nd Hall	1	Rec'd Can (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp
25	Stair Up And 2Nd Hall	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
26	2Nd Flr Room 1		No Change		
27	Room 2	2	Drum Fixture (2) 60w Lamps	2	Replace with (2) 13w Spring Lamps
28	Room 2	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
29	Room 2	1	4ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
30	Room 2	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
31	Room 3	1	4ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
32	Room 3	1	Porcelain Socket (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp
33	Room 3	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
34	Room 4		No Change		
35	Back Stairs	2	Drum Fixture (2) 60w Lamps	2	Replace with (2) 13w Spring Lamps
36	Back Stairs	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
37	Basement Hall	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
38	Maint Office	2	4ft Industrial (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
39	Maint Office	1	4ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
40	Maint Office	1	4ft Industrial (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
41	Lobby / Hall	1	4ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
42	Lobby / Hall	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
43	Storage Closet		No Change		
44	Mens R.R.	1	Rec'd Can (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp
45	Hall	4	Rec'd Can (1) 60w Lamp	4	Replace with (1) 13w Spring Lamp
46	Women's R.R.	2	Rec'd Can (1) 60w Lamp	2	Replace with (1) 13w Spring Lamp
47	Meeting Room	8	1x4 Rec'd Troffer (2) F40T12 Lamps	8	Reballast (2) 4ft T8 Lamps
48	Front Lobby	16	1x4 Rec'd Troffer (2) F40T12 Lamps	16	Reballast (2) 4ft T8 Lamps
49	Front Lobby	5	1x4 Rec'd Troffer (2) F40T12 Lamps	5	Reballast (2) 4ft T8 Lamps
50	Front Lobby	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
51	Transportation Office	16	1x4 Rec'd Troffer (2) F40T12 Lamps	16	Reballast (2) 4ft T8 Lamps
52	Cleaning Supplies		No Change		
53	Crafts Room	28	1x4 Rec'd Troffer (2) F40T12 Lamps	28	Reballast (2) 4ft T8 Lamps
54	Storage Room		No Change		
55	Kitchen Stairs	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
56	Elevator	2	2ft Strip (2) F20T12 Lamps	2	Reballast (2) 2ft T8 Lamps

Park (Lakewood)

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Band - Stage	9	4ft Vaportite (2) F40T12 Lamps	9	Reballast (2) 4ft T8 Lamps
2	Band - Rest Of Building		No Change		
3	Garage #1 - Garage	2	4ft Industrial (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
4	Garage #1 - Garage	13	8ft Industrial (2) F96T12HO Lamps	13	8ft Reflector (2) 4ft T8 Lamps
5	Garage #2 - Garage	4	8ft Industrial (2) F96T12HO Lamps	4	8ft Reflector (2) 4ft T8 Lamps
6	Pavilion - Mens R.R.	8	4ft Strip (1) F40T12 Lamp	8	Reballast (1) 4ft T8 Lamp
7	Pavilion - Women's R.R.	8	4ft Strip (1) F40T12 Lamp	8	Reballast (1) 4ft T8 Lamp

8	Pavilion - Mechanical Rm	6	4ft Strip (1) F40T12 Lamp	6	Reballast (1) 4ft T8 Lamp
9	Pavilion - Kitchen	6	2x4 Rec'd Troffer (4) F40T12 Lamps	6	Reballast (4) 4ft T8 Lamps
10	Pavilion - Dining Area	4	Exit Sign (2) 20w Lamps	4	New LED Exit Sign w/BBU
11	Pavilion - Dining Area	8	Rec'd Can (1) 175w MH Lamp	8	No Change to Fixture
12	Pool House - Entry/Lobby	8	4ft Strip (1) F40T12 Lamp	8	Reballast (1) 4ft T8 Lamp
13	Pool House - Entry/Lobby	4	3ft Strip (1) F30T12 Lamp	4	Reballast (1) 3ft T8 Lamp
14	Pool House - Entry/Lobby	13	Rec'd Can (1) 35w HPS	13	No Change to Fixture
15	Pool House - Locker Area	49	4ft Strip (1) F40T12 Lamp	49	Reballast (1) 4ft T8 Lamp
16	Pool House - Locker Area	4	3ft Strip (1) F30T12 Lamp	4	Reballast (1) 3ft T8 Lamp
17	Pool House - Women's R.R.	13	4ft Strip (1) F40T12 Lamp	13	Reballast (1) 4ft T8 Lamp
18	Pool House - Women's R.R.	15	3ft Strip (1) F30T12 Lamp	15	Reballast (1) 3ft T8 Lamp
19	Pool House - Women's R.R.	9	1x4 Rec'd Troffer (1) F40T12 Lamp	9	Reballast (1) 4ft T8 Lamp
20	Pool House - Women's R.R.	4	3ft Strip (1) F30T12 Lamp	4	Reballast (1) 3ft T8 Lamp
21	Pool House - Mens R.R.	22	4ft Strip (1) F40T12 Lamp	22	Reballast (1) 4ft T8 Lamp
22	Pool House - Mens R.R.	5	3ft Strip (1) F30T12 Lamp	5	Reballast (1) 3ft T8 Lamp
23	Pool House - Mens R.R.	11	1x4 Rec'd Troffer (1) F40T12 Lamp	11	Reballast (1) 4ft T8 Lamp
24	Pool House - Mens R.R.	1	3ft Strip (1) F30T12 Lamp	1	Reballast (1) 3ft T8 Lamp
25	Pool House - Mop Closet	1	4ft Vaportite (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
26	Pool House - Lifeguard Office	3	2x4 Modular Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
27	Pool House - Kitchen	5	2x2 Rec'd Troffer (2) F32T8/U1-5/8 Lamps	5	No Change to Fixture
28	Pool House - Lg Mens R.R.	3	1x4 Rec'd Troffer (1) F40T12 Lamp	3	Reballast (1) 4ft T8 Lamp
29	Pool House - Lg Mens R.R.	1	4ft Strip (1) F40T12 Lamp	1	Reballast (1) 4ft T8 Lamp
30	Pool House - Lg Women's R.R.	2	4ft Strip (1) F40T12 Lamp	2	Reballast (1) 4ft T8 Lamp
31	Pool House - Lg Women's R.R.	2	1x4 Rec'd Troffer (1) F40T12 Lamp	2	Reballast (1) 4ft T8 Lamp
32	Pool House - Lg Women's R.R.	1	3ft Strip (1) F30T12 Lamp	1	Reballast (1) 3ft T8 Lamp
33	Pool House - Pump Room	10	8ft Vaportite (4) F40T12 Lamps	10	Reballast (4) 4ft T8 Lamps
34	Pool House - Pump Room	3	Exit Sign (2) 20w Lamps	3	New LED Exit Sign w/BBU
35	Refreshments - Mens R.R.	4	4ft Vaportite (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
36	Refreshments - Mens R.R.	2	8ft Vaportite (2) F96T12 Lamps	2	New 8ft Vapor tight (2) 4ft T8 Lamps
37	Refreshments - Women's R.R.	4	4ft Vaportite (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
38	Refreshments - Women's R.R.	2	8ft Vaportite (2) F96T12 Lamps	2	New 8ft Vapor tight (2) 4ft T8 Lamps
39	Refreshments - Storage 1	3	Vapor Tight (1) 60w Lamp	3	Replace with (1) 13w Spring Lamp
40	Refreshments - Refreshment Counter	4	8ft Industrial (2) F96T12HO Lamps	4	8ft Reflector (2) 4ft T8 Lamps
41	Refreshments - Storage 2	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
42	Refreshments - R.R. Entry From Pool	1	4ft Vaportite (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps

Park (Madison)

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Front Bldg Lobby	6	4ft Wrap Around (2) F32T8 Lamps	6	Reballast (2) 4ft T8 Lamps
2	Women's R.R.	12	4ft Vaportite (2) F32T8 Lamps	12	Reballast (2) 4ft T8 Lamps
3	Women's R.R Mop Closet	1	4ft Strip (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
4	Mens R.R.	1	4ft Wrap Around (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
5	Mens R.R.	10	4ft Vaportite (2) F32T8 Lamps	10	Reballast (2) 4ft T8 Lamps
6	Storage Closet	1	4ft Strip (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
7	Kitchen	8	4ft Vaportite (2) F32T8 Lamps	8	Reballast (2) 4ft T8 Lamps
8	Mens R.R.	3	4ft Vaportite (2) F32T8 Lamps	3	Reballast (2) 4ft T8 Lamps
9	Women's R.R.	3	4ft Vaportite (2) F32T8 Lamps	3	Reballast (2) 4ft T8 Lamps
10	Observation Office	4	2x4 Rec'd Troffer (3) F40T12 Lamps	4	Reballast (3) 4ft T8 Lamps

11	Observation Kitchen	2	2x4 Rec'd Troffer (3) F40T12 Lamps	2	Reballast (3) 4ft T8 Lamps
12	Concession Stand	5	2x4 Rec'd Troffer (3) F40T12 Lamps	5	Reballast (3) 4ft T8 Lamps
13	Basement	6	4ft Vaportite (2) F40T12 Lamps	6	Reballast (2) 4ft T8 Lamps

Police Department

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	1st Floor Polygraph Rm	4	4ft Wrap Around (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
2	Detective Bureau	2	1x4 Rec'd Troffer (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
3	Detective Bureau	11	2x4 Rec'd Troffer (4) F40T12 Lamps	11	Reballast (4) 4ft T8 Lamps
4	Detective Bureau	4	4ft Wrap Around (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
5	Locker Rm.	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
6	Locker Rm.	2	4ft Wrap Around (1) F32T8 Lamp	2	Reballast (1) 4ft T8 Lamp
7	Locker Rm.	1	4ft Wall Bracket (1) F40T12 Lamp	1	Reballast (1) 4ft T8 Lamp
8	Locker Rm.	1	Rec'd Can (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp
9	Detective Capt.	5	2x4 Rec'd Troffer (4) F40T12 Lamps	5	Reballast (4) 4ft T8 Lamps
10	Juvenile Office	5	2x4 Rec'd Troffer (4) F40T12 Lamps	5	Reballast (4) 4ft T8 Lamps
11	Closet		No Change		
12	Visiting Rm.	1	4ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
13	Fingerprint Rm.	4	Rec'd Can (1) 60w Lamp	4	Replace with (1) 13w Spring Lamp
14	Swat Rm.	4	Rec'd Can (1) 60w Lamp	4	Replace with (1) 13w Spring Lamp
15	Swat Kit.	2	Rec'd Can (1) 60w Lamp	2	Replace with (1) 13w Spring Lamp
16	Secured Storage #6	4	Rec'd Can (1) 60w Lamp	4	Replace with (1) 13w Spring Lamp
17	Records Rm.	16	4ft Wrap Around (2) F40T12 Lamps	16	Reballast (2) 4ft T8 Lamps
18	Records Rm.	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
19	Booking Window	5	4ft Wrap Around (2) F40T12 Lamps	5	Reballast (2) 4ft T8 Lamps
20	Jail Hall	3	4ft Vaportite (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
21	Jail Hall	6	Rec'd Can (1) 60w Lamp	6	Replace with (1) 13w Spring Lamp
22	Main Jail	5	4ft Wrap Around (4) F40T12 Lamps	5	Reballast (4) 4ft T8 Lamps
23	Main Jail	1	4ft Vaportite (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
24	Main Jail	4	Rec'd Can (1) 60w Lamp	4	Replace with (1) 13w Spring Lamp
25	Women's Jail	4	4ft Wrap Around (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
26	Women's Jail	5	Rec'd Can (1) 60w Lamp	5	Replace with (1) 13w Spring Lamp
27	Sally Port	6	8ft Egg Crate (2) F96T12 Lamps	6	New 8ft Wrap (2) 4ft T8 Lamps
28	Oic Office	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
29	Admin Hall	1	2x4 Rec'd Troffer (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
30	Admin Hall	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
31	Women's Locker	5	4ft Wrap Around (2) F40T12 Lamps	5	Reballast (2) 4ft T8 Lamps
32	Women's Locker	1	4ft Wrap Around (1) F32T8 Lamp	1	Reballast (1) 4ft T8 Lamp
33	Women's Locker	1	4ft Wall Bracket (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
34	Dispatch		No Change		
35	Commander Office	3	4ft Wrap Around (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
36	Chief Office	4	2x4 Modular Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
37	Chief Office	2	4ft Wall Bracket (1) F40T12 Lamp	2	Reballast (1) 4ft T8 Lamp
38	Chief Closet	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
39	Police Is Office	2	4ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
40	Mens Locker Hall	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
41	Mens Locker	4	4ft Wrap Around (1) F32T8 Lamp	4	Reballast (1) 4ft T8 Lamp
42	Mens Locker	3	2ft Wall Bracket (2) F20T12 Lamps	3	Reballast (2) 2ft T8 Lamps

43	Mens Locker	16	4ft Wrap Around (1) F32T8 Lamp	16	Reballast (1) 4ft T8 Lamp
44	Roll Call Room	8	4ft Wrap Around (2) F40T12 Lamps	8	Reballast (2) 4ft T8 Lamps
45	Hall	8	Rec'd Can (1) 60w Lamp	8	Replace with (1) 13w Spring Lamp
46	Report Room	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
47	Police Main Lobby	7	4x4 Rec'd Troffer (6) F40T12 Lamps	7	Reballast (6) 4ft T8 Lamps
48	Police Main Lobby	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
49	Police Main Lobby	2	Rec'd Can (1) 60w Lamp	2	Replace with (1) 13w Spring Lamp
50	Basement Police Ramp	3	4ft Wrap Around (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
51	Ramp Hall	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
52	Prelim Property Rm.	6	4ft Industrial (2) F40T12 Lamps	6	Reballast (2) 4ft T8 Lamps
53	Property Rm.	22	4ft Industrial (2) F40T12 Lamps	22	Reballast (2) 4ft T8 Lamps
54	Property Rm. R.R.	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
55	Training Rm.	8	2x4 Rec'd Troffer (4) F40T12 Lamps	8	Reballast (4) 4ft T8 Lamps
56	Weight Rm. 1	8	4ft Industrial (2) F40T12 Lamps	8	Reballast (2) 4ft T8 Lamps
57	Weight Rm. 2	8	4ft Industrial (2) F40T12 Lamps	8	Reballast (2) 4ft T8 Lamps
58	Weight Rm. R.R.	2	8ft Industrial (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
59	Weight Room	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
60	Arms Room	4	4ft Industrial (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
61	Storage Hall	2	4ft Industrial (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
62	Hall	10	Rec'd Can (1) 60w Lamp	10	Replace with (1) 13w Spring Lamp
63	Hall	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
64	Pistol Range	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
65	Pistol Range	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
66	Secured Storage #5	10	4ft Egg Crate (2) F40T12 Lamps	10	Reballast (2) 4ft T8 Lamps
67	Secured Storage 5 R.R.	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
68	Records Storage	1	4ft Industrial (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
69	Records Storage	3	8ft Wrap Around (4) F40T12 Lamps	3	Replace with (1) 26w Spring Lamp
70	Narc Office	8	4ft Egg Crate (2) F40T12 Lamps	8	Reballast (2) 4ft T8 Lamps
71	Other Inc Exits	8	Exit Sign (2) 20w Lamps	8	New LED Exit Sign w/BBU

Refuse Facility

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Guard Station - Desk	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
2	Guard Station - Desk	1	8ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
3	Guard Station - R.R.	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
4	Guard Station - Office 1	2	4ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
5	Guard Station - Office 2	2	4ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
6	Garage - Main	2	Low Bay (1) 250w HPS	2	New 2x4 High bay (6) 4ft T8 Lamps
7	Garage - Main	9	Low Bay (1) 175w MH	4	New 2x4 High bay (6) 4ft T8 Lamps
8	Garage - Main	12	Low Bay (1) 400w MH	12	New 2x4 High bay (6) 4ft T8 Lamps
9	Garage - Main	1	8ft Industrial (2) F96T12HO Lamps	1	8ft Reflector (2) 4ft T8 Lamps
10	Garage - Time clock	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
11	Garage - Lift	2	8ft Industrial (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
12	Garage - Workbench	1	4ft Vaportite (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
13	Garage - Mechanics Room	6	8ft Strip (2) F40T12 Lamps	6	Reballast (2) 4ft T8 Lamps
14	Garage - Mechanics Room	1	4ft Egg Crate (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
15	Garage - Back Entry	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
16	Garage - Hall To Breakroom	1	Porcelain Socket (1) 100w Lamp	1	Replace with (1) 26w Spring Lamp

17	Garage - Breakroom	10	4ft Wrap Around (2) F32T8 Lamps	10	Reballast (2) 4ft T8 Lamps
18	Garage - Mens R.R.	11	4ft Wrap Around (2) F32T8 Lamps	11	Reballast (2) 4ft T8 Lamps
19	Garage - Mens Shower	1	4ft Vaportite (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
20	Garage - Women's R.R.	8	4ft Wrap Around (2) F32T8 Lamps	8	Reballast (2) 4ft T8 Lamps
21	Garage - Women's Shower	1	4ft Vaportite (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
22	Garage - Stairs To Basement	1	4ft Wrap Around (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
23	Garage - Basement Hall	5	4ft Wrap Around (2) F32T8 Lamps	5	Reballast (2) 4ft T8 Lamps
24	Garage - Weight Room	6	4ft Wrap Around (2) F32T8 Lamps	6	Reballast (2) 4ft T8 Lamps
25	Garage - Storage Rm 1 (L)	4	4ft Wrap Around (2) F32T8 Lamps	4	Reballast (2) 4ft T8 Lamps
26	Garage - Storage Rm 2 (L)	4	4ft Wrap Around (2) F32T8 Lamps	4	Reballast (2) 4ft T8 Lamps
27	Incinerator - Main	4	Flood (1) 1000w Quartz	4	New Wall pack (1) 150w HPS Lamp
28	Incinerator - Main Desk	1	8ft Industrial (4) F32T8 Lamps	1	Reballast (4) 4ft T8 Lamps
29	Incinerator - Office	3	4ft Wrap Around (4) F40T12 Lamps	3	New 4ft Wrap (1) 4ft T8 Lamp
30	Incinerator - Office	1	8ft Egg Crate (2) F96T12 Lamps	1	New 8ft Wrap (2) 4ft T8 Lamps
31	Incinerator - Refrigerant Cage	1	8ft Strip (2) F96T12 Lamps	1	8ft Reflector (2) 4ft T8 Lamps
32	Incinerator - Paint Room	1	8ft Egg Crate (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
33	Incinerator - Paint Room	1	4ft Egg Crate (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps

Service Garage

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	East Bay	41	Low Bay (1) 400w MH	41	New 2x4 High bay (6) 4ft T8 Lamps
2	Toolbox Room/Bay	6	Low Bay (1) 400w MH	6	New 2x4 High bay (6) 4ft T8 Lamps
3	Radio Shop/Bay	4	Low Bay (1) 400w MH	4	New 2x4 High bay (6) 4ft T8 Lamps
4	Radio Shop/Bay	12	4ft Industrial (2) F48T12HO Lamps	12	8ft Reflector (2) 4ft T8 Lamps
5	Fluid Tanks	1	8ft Industrial (4) F32T8 Lamps	1	New 8ft Strip (2) 4ft T8 Lamps
6	Fluid Tanks	1	8ft Industrial (2) F96T12HO Lamps	1	8ft Reflector (2) 4ft T8 Lamps
7	Office (With Couch)	3	4ft Industrial (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
8	Office		No Change		
9	Bay With Lift	15	Low Bay (1) 400w MH	15	New 2x4 High bay (6) 4ft T8 Lamps
10	Bay With Lift	7	4ft Vaportite (2) F40T12 Lamps	7	Reballast (2) 4ft T8 Lamps
11	Bay With Lift	3	8ft Industrial (2) F96T12 Lamps	3	8ft Reflector (2) 4ft T8 Lamps
12	Bay With Lift	2	4ft Wrap Around (4) F40T12 Lamps	2	New 8ft Strip (2) 4ft T8 Lamps
13	Lunchroom	13	8ft Wrap Around (4) F40T12 Lamps	13	Reballast (4) 4ft T8 Lamps
14	Women's R.R Lounge	9	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	9	Reballast (2) U6 T8 Lamps
15	Women's Shower	4	4ft Vaportite (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
16	Hall Off Lunchroom	2	4ft Industrial (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
17	Community Serv. Off.	1	8ft Industrial (4) F32T8 Lamps	1	Reballast (4) 4ft T8 Lamps
18	Community Serv. Off.	1	4ft Industrial (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
19	Electrician Office		No Change		
20	Parking Meter Room	4	8ft Industrial (2) F96T12HO Lamps	4	8ft Reflector (2) 4ft T8 Lamps
21	Office Hall	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
22	Office Hall	1	8ft Wrap Around (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
23	Streets Unit Mngr.	3	4ft Wrap Around (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
24	Group Leader Off.	4	4ft Wrap Around (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
25	Parking Enforcement	4	4ft Wrap Around (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
26	Forestry Mngr.	3	4ft Wrap Around (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
27	Hall #2	4	2x4 Rec'd Troffer (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
28	Hall #2	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps

29	Hall #2	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
30	Sidewalk Office	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
31	Bernie Madison Off.	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
32	Copy Room	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
33	Streets Sect'Y	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
34	Recept. Desk Off.	1	2x4 Rec'd Troffer (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
35	Parks Operations Hall	4	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	4	Reballast (2) U6 T8 Lamps
36	Office 1	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
37	Office 2	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
38	Parks Unit Mngr.	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
39	Parks Unit Mngr.	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
40	Time clock Lobby	30	4ft Industrial (2) F40T12 Lamps	30	Reballast (2) 4ft T8 Lamps
41	Mezzanine	11	High Bay (1) 400w HPS	11	Replace with (1) 26w Spring Lamp
42	2Nd Flr Storage	15	High Bay (1) 400w HPS	15	Replace with (1) 26w Spring Lamp
43	Mens R.R. 2Nd Floor	1	High Bay (1) 400w HPS	1	Replace with (1) 26w Spring Lamp
44	Mens R.R. 2Nd Floor	6	4ft Industrial (2) F40T12 Lamps	6	Reballast (2) 4ft T8 Lamps
45	Mens R.R. 2Nd Floor	2	4ft Wall Bracket (1) F40T12 Lamp	2	Reballast (1) 4ft T8 Lamp
46	Mens Shower/Locker	6	4ft Wrap Around (2) F40T12 Lamps	6	Reballast (2) 4ft T8 Lamps
47	Mens Shower	1	Vapor Tight (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp
48	Center Bay	18	Low Bay (1) 400w MH	18	New 2x4 High bay (6) 4ft T8 Lamps
49	Center Bay	2	8ft Industrial (2) F96T12 Lamps	2	8ft Reflector (2) 4ft T8 Lamps
50	Center Bay	2	8ft Industrial (2) F96T12HO Lamps	2	8ft Reflector (2) 4ft T8 Lamps
51	Center Bay	2	4ft Vaportite (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
52	Center Bay	2	8ft Strip (2) F96T12 Lamps	2	8ft Reflector (2) 4ft T8 Lamps
53	Compressor Rm	2	8ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
54	Refrigerator Rm	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
55	Dispatch Desk	3	4ft Wrap Around (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
56	Hall	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
57	Lunchroom	3	8ft Industrial (2) F96T12HO Lamps	3	8ft Reflector (2) 4ft T8 Lamps
58	Parts Room	4	Low Bay (1) 400w MH	4	New 2x4 High bay (6) 4ft T8 Lamps
59	Parts Room	8	8ft Industrial (2) F96T12HO Lamps	8	8ft Reflector (2) 4ft T8 Lamps
60	Parts Room	3	4ft Vaportite (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
61	Parts Room	2	8ft Strip (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
62	Hall	2	8ft Strip (1) F96T12 Lamp	2	8ft Reflector (2) 4ft T8 Lamps
63	Fleet Mngr Office	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
64	Fleet Mngr Office	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
65	Fleet Mngr Office	3	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	3	Reballast (2) U6 T8 Lamps
66	Stairs To 2Nd Flr	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
67	2Nd Floor Office	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
68	West Bay	36	Low Bay (1) 400w MH	36	New 2x4 High bay (6) 4ft T8 Lamps
69	West Bay	2	8ft Industrial (2) F96T12HO Lamps	2	8ft Reflector (2) 4ft T8 Lamps
70	West Bay	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps

Shops & Aging Garage

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Carpenter Shop	19	8ft Industrial (2) F96T12 Lamps	19	8ft Reflector (2) 4ft T8 Lamps
2	Carpenter Kitchen	2	8ft Industrial (2) F96T12 Lamps	2	8ft Reflector (2) 4ft T8 Lamps

3	Garage Bay 1 & 2	2	8ft Industrial (2) F96T12HO Lamps	2	8ft Reflector (2) 4ft T8 Lamps
4	Office	2	8ft Industrial (2) F96T12 Lamps	2	8ft Reflector (2) 4ft T8 Lamps
5	Garage Bay 3	1	8ft Industrial (2) F96T12HO Lamps	1	8ft Reflector (2) 4ft T8 Lamps
6	Restroom	2	Rec'd Can (1) 60w Lamp	2	Replace with (1) 13w Spring Lamp
7	Locker Room	1	8ft Industrial (2) F96T12HO Lamps	1	8ft Reflector (2) 4ft T8 Lamps
8	Table Saw Room	2	8ft Industrial (2) F96T12HO Lamps	2	8ft Reflector (2) 4ft T8 Lamps
9	Bay 4, 5 & 6	9	8ft Industrial (2) F96T12HO Lamps	9	8ft Reflector (2) 4ft T8 Lamps
10	Bay 4, 5 & 6	2	8ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
11	Office On Aging Bus Garage	1	4ft Industrial (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
12	Office On Aging Bus Garage	8	Flood (1) 500w Quartz	8	New Wall pack (1) 150w HPS Lamp
13	Sign Shop Garage	11	8ft Industrial (2) F96T12 Lamps	11	8ft Reflector (2) 4ft T8 Lamps
14	Garage Workbench	1	8ft Industrial (2) F96T12HO Lamps	1	8ft Reflector (2) 4ft T8 Lamps
15	Parts Rm (W/Sink)	3	1x4 Rec'd Troffer (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
16	General Repair Office	4	4ft Wrap Around (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
17	Controller Repair Office	4	4ft Wrap Around (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
18	Office	2	4ft Industrial (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
19	Kitchen	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
20	Mens R.R	2	4ft Industrial (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
21	Women's R.R	1	Rec'd Can (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp
22	Women's R.R	1	Rec'd Can (1) 60w Lamp	1	Replace with (1) 13w Spring Lamp
23	Paint Room	3	4ft Vaportite (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
24	Soffit & Sign Storage	6	1x4 Rec'd Troffer (2) F40T12 Lamps	6	Reballast (2) 4ft T8 Lamps
25	Traffic Operations Office	6	4ft Wrap Around (4) F40T12 Lamps	6	New 8ft Wrap (2) 4ft T8 Lamps
26	2Nd Flr. Art Room	6	4ft Wrap Around (4) F40T12 Lamps	6	New 8ft Wrap (2) 4ft T8 Lamps
27	Dark Room	4	4ft Wrap Around (2) F40T12 Lamps	4	New 4ft Wrap (1) 4ft T8 Lamp
28	2Nd Flr Above R.R.'S	3	2x4 Rec'd Troffer (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
29	2Nd Flr Above R.R.'S	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
30	Cage	2	4ft Strip (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
31	Storage Room	4	1x4 Rec'd Troffer (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps

Utilities Garage

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Visitors Lobby	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
2	Visitors Lobby	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
3	Sect'Y Desk	3	2x4 Rec'd Troffer (2) F40T12 Lamps	3	Reballast (2) 4ft T8 Lamps
4	Conference Room	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
5	Metering Office	12	2x4 Rec'd Troffer (4) F40T12 Lamps	12	Reballast (4) 4 ft T8 Lamps
6	Metering Office Storage	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
7	Metering Room	10	8ft Wrap Around (4) F40T12 Lamps	10	Reballast (4) 4ft T8 Lamps
8	Metering Room	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
9	Metering Room	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
10	Hall	2	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	2	Reballast (2) U6 T8 Lamps
11	Office 1	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
12	Office 2	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
13	Main Entry/Lobby	6	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	6	Reballast (2) U6 T8 Lamps
14	Main Entry/Lobby	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
15	Office	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
16	Mop Closet	1	4ft Industrial (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps

17	Mens Locker Entry	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
18	Mens Locker Room	3	3ft Wall Bracket (1) F30T12 Lamp	3	Reballast (1) 3ft T8 Lamp
19	Mens Locker Room	3	3ft Wall Bracket (1) F30T12 Lamp	3	Reballast (1) 3ft T8 Lamp
20	Mens Locker Room	1	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	1	Reballast (2) U6 T8 Lamps
21	Mens Locker Room	6	2x4 Rec'd Troffer (4) F40T12 Lamps	6	Reballast (4) 4ft T8 Lamps
22	Women's Locker Room	2	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	2	Reballast (2) U6 T8 Lamps
23	Women's Locker Room	3	3ft Wall Bracket (1) F30T12 Lamp	3	Reballast (1) 3ft T8 Lamp
24	Women's Locker Room	2	2x4 Rec'd Troffer (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
25	Breakroom	8	2x4 Rec'd Troffer (4) F40T12 Lamps	8	Reballast (4) 4ft T8 Lamps
26	Breakroom	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
27	Computer Storage	1	4ft Industrial (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
28	Glove Room	1	4ft Industrial (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
29	Garage Cages	22	4ft Industrial (2) F40T12 Lamps	22	Reballast (2) 4ft T8 Lamps
30	Garage	32	Low Bay (1) 400w MH	32	New 2x4 High bay (6) 4ft T8 Lamps
31	Garage	3	Exit Sign (2) 20w Lamps	3	New LED Exit Sign w/BBU
32	Weight Room	8	8ft Wrap Around (4) F40T12 Lamps	8	Reballast (4) 4ft T8 Lamps
33	Outside Lights	8	Wall Pack (1) 150w HPS	8	No Change to Fixture
34	Garage (By Salt Storage)	2	8ft Industrial (2) F96T12HO Lamps	2	8ft Reflector (2) 4ft T8 Lamps

Water Treatment

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Main Floor Time Clock	1	8ft Strip (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
2	Bulletin Board	1	4ft Strip (1) F40T12 Lamp	1	Reballast (1) 4ft T8 Lamp
3	Garage	4	Low Bay (1) 100w HPS	4	No Change to Fixture
4	Bullpen Low	8	Low Bay (1) 100w HPS	8	No Change to Fixture
5	Bullpen High	10	Low Bay (1) 250w HPS	10	No Change to Fixture
6	Mens Locker Rm.	2	8ft Wrap Around (2) F32T8 Lamps	2	Reballast (2) 4ft T8 Lamps
7	Mens Locker Rm.	2	2x4 Rec'd Troffer (3) F40T12 Lamps	2	Reballast (3) 4ft T8 Lamps
8	Filter Press Control	2	2x4 Rec'd Troffer (3) F40T12 Lamps	2	Reballast (3) 4ft T8 Lamps
9	Maint. Shop	22	8ft Industrial (4) F32T8 Lamps	22	8ft Reflector (2) 4ft T8 Lamps
10	Maint. Shop	2	4ft Industrial (2) F40T12 Lamps	2	4ft Reflector (1) 4ft T8 Lamp
11	Maint. Shop	1	8ft Strip (2) F96T12 Lamps	1	8ft Reflector (2) 4ft T8 Lamps
12	Chief Mech Office	4	4ft Industrial (2) F40T12 Lamps	4	Reballast (2) 4ft T8 Lamps
13	Lower Machine Shop	4	8ft Industrial (2) F96T12HO Lamps	4	8ft Reflector (2) 4ft T8 Lamps
14	Electric Repair	4	2x4 Parabolic Troffer (3) F40T12 Lamps	4	Reballast (3) 4ft T8 Lamps
15	Switchgear	13	4ft Wrap Around (1) F32T8 Lamp	13	Reballast (1) 4ft T8 Lamp
16	Stairs (Base-3Rd Flr.)	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
17	Stairs (Base-3Rd Flr.)	11	4ft Strip (1) F40T12 Lamp	11	Reballast (1) 4ft T8 Lamp
18	Stairs (Base-3Rd Flr.)	1	4ft Industrial (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
19	2Nd Flr. Sect'Y Desk	3	4x4 Modular Troffer (6) F40 T12 Lamps	3	Reballast (6) 4ft T8 Lamps
20	2Nd Flr. Sect'Y Desk	2	2x4 Modular Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
21	Control Center	4	2x4 Rec'd Troffer (3) F40T12 Lamps	4	Reballast (3) 4ft T8 Lamps
22	Unit Mngr. Office	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
23	Hall	6	4ft Wrap Around (1) F32T8 Lamp	6	Reballast (1) 4ft T8 Lamp
24	Hall	1	2x4 Rec'd Troffer (3) F40T12 Lamps	1	Reballast (3) 4ft T8 Lamps
25	Ops. Mngr. Office	2	8ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
26	Ops. Mngr. Office	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
27	Ladies R.R		No Change		

28	Mop Closet	1	8ft Wrap Around (4) F40T12 Lamps	1	Replace with (1) 26w Spring Lamp
29	Conference Rm.	4	8ft Wrap Around (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
30	Conference Rm.	2	4ft Wrap Around (2) F40T12 Lamps	2	Reballast (2) 4ft T8 Lamps
31	Mens R.R.	3	4ft Wall Bracket (1) F40T12 Lamp	3	Reballast (1) 4ft T8 Lamp
32	Switchgear	1	8ft Wrap Around (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
33	Lab	12	2x4 Rec'd Troffer (4) F40T12 Lamps	12	Reballast (4) 4ft T8 Lamps
34	Lab	2	2x2 Rec'd Troffer (2) F40T12/U6 Lamps	2	Reballast (2) U6 T8 Lamps
35	Lab Storage	4	8ft Wrap Around (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
36	Lunchroom	10	4ft Strip (1) F40T12 Lamp	10	Reballast (1) 4ft T8 Lamp
37	Storage Room	4	Low Bay (1) 100w HPS	4	No Change to Fixture
38	Mezzanine	5	Low Bay (1) 100w HPS	5	No Change to Fixture
39	3Rd Flr. Operations	14	Low Bay (1) 100w HPS	14	No Change to Fixture
40	3Rd Flr. Back Room	5	Low Bay (1) 100w HPS	5	No Change to Fixture
41	Basement (Main Bldg)	23	Low Bay (1) 100w HPS	23	No Change to Fixture
42	Tunnel #1		Low Bay (1) 70w HPS		No Change to Fixture
43	End Of Tunnel #1		Low Bay (1) 100w HPS		No Change to Fixture
44	Tunnel #2		Low Bay (1) 70w HPS		No Change to Fixture
45	End Of Tunnel #2		Low Bay (1) 100w HPS		No Change to Fixture
46	Tunnel #3		Low Bay (1) 70w HPS		No Change to Fixture
47	End Of Tunnel #3		Low Bay (1) 100w HPS		No Change to Fixture
48	Pole Lights		No Change		
49	Waste Water Bldg		Low Bay (1) 100w HPS		No Change to Fixture
50	Waste Water Stairs	5	4ft Wrap Around (1) F32T8 Lamp	5	Reballast (1) 4ft T8 Lamp

Winterhurst Ice Rink (actual scope contingent upon renovation project by rink operator)

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Main Entrance	6	2x4 Rec'd Troffer (4) F32T8 Lamps	6	Reballast (4) 4ft T8 Lamps
2	Main Entrance	17	Rec'd Can (1) 65w R-Lamp	17	Replace with (1) 26w R40 Lamp
3	Ticket Booth	1	2x4 Rec'd Troffer (4) F32T8 Lamps	1	Reballast (4) 4ft T8 Lamps
4	Ticket Booth	1	2x2 Rec'd Troffer (2) F32T8/U1-5/8 Lamps	1	No Change to Fixture
5	Ticket Booth Soffit	10	4ft Strip (1) F32T8 Lamp	10	Reballast (1) 4ft T8 Lamp
6	Locker Area Low	12	2x2 Rec'd Troffer (2) F32T8/U1-5/8 Lamps	12	No Change to Fixture
7	Locker Area High	12	2x4 Rec'd Troffer (4) F32T8 Lamps	12	Reballast (4) 4ft T8 Lamps
8	Concession Stand	2	Rec'd Can (1) 65w R-Lamp	2	Replace with (1) 26w R40 Lamp
9	Concession Stand	9	2x2 Rec'd Troffer (2) F32T8/U1-5/8 Lamps	9	No Change to Fixture
10	Concession Stand Wall	6	4ft Wall Bracket (1) F32T8 Lamp	6	Reballast (1) 4ft T8 Lamp
11	Concession Back Room	5	8ft Wrap Around (4) F32T8 Lamps	5	Reballast (4) 4ft T8 Lamps
12	Concession Back Room	2	4ft Wrap Around (2) F32T8 Lamps	2	Reballast (2) 4ft T8 Lamps
13	Concession Back R.R.		No Change		
14	Skate Room	10	4ft Strip (1) F32T8 Lamp	10	Reballast (1) 4ft T8 Lamp
15	Skate Repair Rm	6	4ft Strip (1) F32T8 Lamp	6	Reballast (1) 4ft T8 Lamp
16	Skate Repair Rm	1	4ft Industrial (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
17	Drinking Fountain	3	Rec'd Can (1) 65w R-Lamp	3	Replace with (1) 26w R40 Lamp
18	Mens R.R.	5	4ft Wall Bracket (1) F32T8 Lamp	5	Reballast (1) 4ft T8 Lamp
19	Women's R.R.	5	4ft Wall Bracket (1) F32T8 Lamp	5	Reballast (1) 4ft T8 Lamp
20	Display Case	1	4ft Strip (1) F40T12 Lamp	1	Reballast (1) 4ft T8 Lamp
21	Display Case	1	3ft Strip (1) F30T12 Lamp	1	Reballast (1) 3ft T8 Lamp
22	Rink #1	3	Exit Sign (2) 20w Lamps	3	New LED Exit Sign w/BBU
23	Over Bleachers	21	Rec'd Can (1) 65w R-Lamp	21	Replace with (1) 26w R40 Lamp
24	Bleacher Upper Storage	5	4ft Wrap Around (2) F40T12 Lamps	5	Reballast (2) 4ft T8 Lamps
25	First Aid Room/Lockers	3	8ft Wrap Around (4) F40T12 Lamps	3	Reballast (4) 4ft T8 Lamps
26	First Aid Room/Lockers	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
27	First Aid R.R.	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps

28	Mens Locker Room Hall	5	1x4 Modular Troffer (2) F32T8 Lamps	5	Reballast (2) 4ft T8 Lamps
29	Mens Locker Room Hall	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
30	Locker Rm #1	2	8ft Strip (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
31	Locker Rm #1	1	1x4 Modular Troffer (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
32	Locker Rm #2	2	8ft Strip (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
33	Locker Rm #3	2	8ft Strip (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
34	Locker Rm #4	2	8ft Strip (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
35	Locker Rm #4 R.R.	1	4ft Wall Bracket (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
36	Locker Rm #4 Shower	2	Rec'd Can (1) 65w R-Lamp	2	Replace with (1) 26w R40 Lamp
37	Locker Rm #5	2	8ft Strip (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
38	Locker Rm #6	2	8ft Strip (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
39	Locker Rm #7	2	8ft Strip (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
40	Locker Rm #8	1	8ft Strip (4) F32T8 Lamps	1	Reballast (4) 4ft T8 Lamps
41	Locker Rm #8	1	1x4 Modular Troffer (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
42	Locker Rm #9	10	4ft Vaportite (2) F32T8 Lamps	10	Reballast (2) 4ft T8 Lamps
43	Zamboni Room	7	8ft Strip (4) F32T8 Lamps	7	Reballast (4) 4ft T8 Lamps
44	Zamboni Room	2	8ft Industrial (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
45	Zamboni Room	2	4ft Industrial (2) F32T8 Lamps	2	Reballast (2) 4ft T8 Lamps
46	Pump Room	5	4ft Industrial (2) F32T8 Lamps	5	Reballast (2) 4ft T8 Lamps
47	Rink #2	3	Exit Sign (2) 20w Lamps	3	New LED Exit Sign w/BBU
48	2Nd Floor Hall	10	2x2 Rec'd Troffer (2) F32T8/U1-5/8 Lamps	10	No Change to Fixture
49	2Nd Hall Wall	7	4ft Wall Bracket (1) F32T8 Lamp	7	Reballast (1) 4ft T8 Lamp
50	Sect'y Office	4	2x4 Rec'd Troffer (3) F32T8 Lamps	4	Reballast (3) 4ft T8 Lamps
51	Sect'Y Wall	3	4ft Wall Bracket (1) F32T8 Lamp	3	Reballast (1) 4ft T8 Lamp
52	Mngr. Office	4	2x2 Rec'd Troffer (2) F32T8/U1-5/8 Lamps	4	No Change to Fixture
53	Mngr. Wall	3	4ft Wall Bracket (1) F32T8 Lamp	3	Reballast (1) 4ft T8 Lamp
54	Mngr. Closet	1	2x4 Rec'd Troffer (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
55	Spiral Stairs	1	Rec'd Can (1) 65w R-Lamp	1	Replace with (1) 26w R40 Lamp
56	Meeting Rm. 1	6	2x2 Rec'd Troffer (2) F32T8/U1-5/8 Lamps	6	No Change to Fixture
57	Meeting Rm. 1 Wall	6	4ft Wall Bracket (1) F32T8 Lamp	6	Reballast (1) 4ft T8 Lamp
58	Meeting Rm. 1 Wall	2	2ft Strip (3) F20T12 Lamps	2	Reballast (1) 3ft T8 Lamp
59	Meeting Rm. 1 Storage	4	4ft Strip (1) F32T8 Lamp	4	Reballast (1) 4ft T8 Lamp
60	Lounge	12	2x2 Rec'd Troffer (2) F32T8/U1-5/8 Lamps	12	No Change to Fixture
61	Mens R.R.	3	2ft Strip (3) F20T12 Lamps	3	Reballast (1) 3ft T8 Lamp
62	Women's R.R.	3	2ft Strip (3) F20T12 Lamps	3	Reballast (1) 3ft T8 Lamp
63	Meeting Rm. 2	8	2x2 Rec'd Troffer (2) F32T8/U1-5/8 Lamps	8	No Change to Fixture
64	Meeting Rm. 2 Wall	9	4ft Wall Bracket (1) F32T8 Lamp	9	Reballast (1) 4ft T8 Lamp
65	Meeting Rm. 2 Storage	1	4ft Wall Bracket (1) F40T12 Lamp	1	Reballast (1) 4ft T8 Lamp
66	Switchgear Rm.	4	2x4 Rec'd Troffer (4) F40T12 Lamps	4	Reballast (4) 4ft T8 Lamps
67	Back Stairs (To Rink #1)	2	Rec'd Can (1) 65w R-Lamp	2	Replace with (1) 26w R40 Lamp

Youth Services

Item No.	Room Description	Old Qty	Existing Fixture Description	New Qty	New Fixture Description
1	Entry	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU
2	Waiting Rm.	1	2x4 Modular Troffer (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
3	Bullpen	10	2x4 Rec'd Troffer (4) F40T12 Lamps	10	Reballast (4) 4ft T8 Lamps
4	Bullpen	2	Exit Sign (2) 20w Lamps	2	New LED Exit Sign w/BBU
5	Conf. Room	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
6	Office 1	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
7	Office 2	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
8	Office 3	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
9	Restroom	1	4ft Wrap Around (2) F40T12 Lamps	1	Reballast (2) 4ft T8 Lamps
10	Back Hall	1	4ft Wrap Around (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
11	Back Hall	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU

12	Back Office	2	2x4 Rec'd Troffer (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
13	Back Entry	1	4ft Wrap Around (2) F32T8 Lamps	1	Reballast (2) 4ft T8 Lamps
14	Garage	2	Porcelain Socket (1) 100w Lamp	2	Replace with (1) 26w Spring Lamp
15	Stairs Up	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
16	2Nd Flr Hall		No Change		
17	Office 1	2	8ft Wrap Around (4) F32T8 Lamps	2	Reballast (4) 4ft T8 Lamps
18	Office 2	1	8ft Wrap Around (4) F32T8 Lamps	1	Reballast (4) 4ft T8 Lamps
19	Office 3	1	8ft Wrap Around (4) F32T8 Lamps	1	Reballast (4) 4ft T8 Lamps
20	Waiting Rm.	1	2x4 Rec'd Troffer (4) F40T12 Lamps	1	Reballast (4) 4ft T8 Lamps
21	Kitchen	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
22	Office 4	2	8ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
23	Office 5	2	8ft Wrap Around (4) F40T12 Lamps	2	Reballast (4) 4ft T8 Lamps
24	Restroom	4	Porcelain Socket (1) 60w Lamp	4	Replace with (1) 13w Spring Lamp
25	Stairs To Basement	1	Drum Fixture (2) 60w Lamps	1	Replace with (2) 13w Spring Lamps
26	Basement	1	Porcelain Socket (1) 100w Lamp	1	Replace with (1) 26w Spring Lamp
27	Basement	1	Exit Sign (2) 20w Lamps	1	New LED Exit Sign w/BBU

Infrastructure Improvement Measure # 2

Building Envelope Improvements

Scope: The following scope items include weather-stripping and sealants installed to prevent outside air infiltration and exfiltration around doors, windows, walls, and roofs. This measure will cover the following areas:

City Hall

Doors

- 3-Double commercial---DX, DS and Center Bands
- 7-Single commercial---DX and DS
- 3-Single commercial---DX and DS (Sally port)
- 1-Single commercial---DX and DS (Building Dept. to Garage)

Garage Level

- 4-small connection holes at common wall
- 1-large connection hole at common wall (Fire stop and Single component)

Windows (Auditorium)

- 65 LF caulking at bottom and top connections-mullions leak at various locations

Public Works

Doors

- 2-Double commercial-DX and DS-Separation doors
- 3-Single commercial-DX and DS-Separation doors
- 11-Single commercial-DX and DS-Entry
- 2-Double commercial-DX, DS and Center bands-Entry
- 7-12 by 12 Garage doors with 2 by 8 repairs to hold weather-strip and track

Roof Wall Seam

- 840 LF Exposed wall seam in older section of shop

Lakewood Park (Women's Club Pavilion)

Doors

- 3-Double commercial-DX, DS and Center bands
- 1-Single commercial-DX and DS

Division of Youth

Doors

- 1 set-Double commercial-DX, DS and Center bands (Front Door)
- 1-Single wood -DX and DS
- 1 set- Double wood-DX, DS and Center bands -Tight existing storm
- 3-Single doors-DX and DS (Rear door, Basement and Roof door)

Senior Center

Doors

- 4-Single commercial-DX and DS- DK BR
- 1-Single commercial OS-DX and DS
- (Interior glaze as needed)(Lubricate hinges and closures)
- 1 set-Double commercial—DX, DS and Center bands—Lower level

Attic Hatches

- 2-16 LF of caulking to seal completely—partially sealed at present

Ice Rink

(Scope to be determined and coordinated as a result of renovation project by rink operator.)

Roof wall seam

~~Ice rink area—900 LF exposed material. Upper edge at wall connection is open. The insulation barrier has failed for a host of reasons. Remove lower piece and seal wall connection with 2 part foam; install rolled R-6 vinyl back insulation into opening. Average height of opening is 10 to 12 inches.~~

~~Office area—228LF concealed/open. Seal edge above ceiling area with 2-part.~~

Municipal Garage

Doors

- 1-Single commercial door to shop area-DX and DS
- 1 set-Double commercial door—Water Department—DX, DS and Center bands
- 1-Single commercial—Water Department—DX and DS
- 3-Single commercial—Shop Area—DX and DS
- 3-Garage door Roll-ups-2 sides only slip over 14 feet

Roof wall seam (Office area) 306 LF

Open seam at building edge with open soffits especially at the Employee entrance.

Sign Department

Doors

- 5-Single commercial doors-DX and DS additional sealing at rear door
- 2-12 by 14 garage doors (3 sides only)
- 1-12 by 14 garage door Seal shut area is blocked Light Brown color

Vents—3 by 3 at upper edge Seal shut- connected to conditioned space

Fire Station #1

Doors

- 1 set—Double commercial—Missing threshold 6 foot length
- 9 –Single commercial doors to decouple- DX and DS

Fire Station #2

7—Single commercial doors—DX and DS

Fire Station #3

- 1—Single commercial door DK BR-DS only
- 2 sets—Double commercial—DX, DS and Center bands

Customer (The City of Lakewood) Responsibilities:

In Winterhurst Ice Rink, City will need to enable JCI to coordinate work with rink operator.

Infrastructure Improvement Measure # 3

Building Automation System Installation

The existing pneumatic control system will be upgraded to the latest version of Metasys complete with Direct Digital Control (DDC) capabilities up to and including each air handler controller as seen below.

Existing wiring and pneumatic tubing may be reused provided it is in good condition and that it is compatible. JCI will remove existing controls not required in the new control applications.

The new controls will match the existing sequence of operation.
The City will coordinate with JCI to allow proper access to mechanical rooms and spaces.
The following equipment will be included with the new building automation system:

City Hall

Water-cooled chiller and cooling tower
Primary chilled water and condenser water pumps
VFD drives
Steam boilers (monitor only)
Hot water pump
Steam-to-hot water heat exchanger
Four (4) multi-zone air handling units and associated controls

Winterhurst Ice Rink

Six (6) rooftop air handling units
Two (2) desiccant dehumidification units
One (1) packaged outdoor heating and air conditioning unit
Three (3) ammonia ice making machines
Ice Rink Temperature/humidity sensors
Carbon Dioxide sensors

System software features including:

Adjustment and Override of system parameters
Scheduling and Reporting functions
Historical Trending and Data Collection
Alarm Annunciation including Paging and E-mail Notification

Infrastructure Improvement Measure # 4

Winterhurst Ice Rink Rooftop Unit Replacement

The six (6) existing Carrier Rooftop Units (RTUs) at Winterhurst shall be removed and replaced with York (or equivalent) RTUs. The two (2) existing Engelhard desiccant dehumidification units shall be replaced with new Munters (or equivalent) desiccant dehumidification units. JCI will include all items for a complete turn-key proposal, including the following:

JCI shall provide, coordinate, & install the following RTU installation items, to include the replacement of the RTU units, ductwork modifications, duct insulation, curb adapters, proper weather sealing of the unit and the provision of adequate condensate drainage. JCI shall be responsible for demolition, removal, & proper disposal of the existing Roof Top Units and provide dumpsters as necessary.

JCI shall reconnect all electrical power and gas as required per each unit.

JCI shall provide air balancing/measuring services at the new air handling units. This does not include providing air balancing of the diffusers served by the new air handling units.

Johnson Controls shall be advised if asbestos is encountered. The City will be responsible for removal.

The installation shall be warranted as to equipment and labor for one year after acceptance in writing for beneficial use.

Infrastructure Improvement Measure # 5

City Hall Chiller Replacement and HVAC Upgrades

The existing Trane water-cooled chiller shall be dismantled, removed, and replaced with a new chiller, York or equivalent.

JCI shall provide materials & labor required to install a complete new turn-key chiller system installation. Dispose of hazardous materials (i.e. refrigerant) in accordance with current federal, state, and local requirements.

Implement/provide all equipment, systems, devices, & inspections and permits/drawings necessary to satisfy mechanical equipment room mechanical, electrical and fire codes. Provide and install a new refrigerant monitoring system in the mechanical room in accordance with controlling building code.

JCI shall provide all electrical service for new chiller as required.

JCI shall supply all piping, hydronic specialties (as required), piping insulation and labeling, support structure, and housekeeping pads, and all other material as necessary. The existing concrete pad will be re-used with the new chiller.

Johnson Controls shall be advised if asbestos is encountered. The City will be responsible for removal.

The installation shall be warranted as to equipment and labor for one year after acceptance in writing for beneficial use.

The primary chilled water pump motor shall be replaced with a new inverter-duty rated motor and Variable Frequency Drive (VFD). The 3-way control valves on the four (4) air handlers shall be replaced with new 2-way modulating control valves.

JCI shall provide materials & labor required to install a complete new turn-key installation including all equipment and work. JCI shall implement/provide all equipment, systems, devices, & inspections and permits/drawings necessary to satisfy mechanical equipment room mechanical, electrical and fire codes. Install new chilled water 2-way control valves on the penthouse air handlers. Provide electrical service and mounting location for new VFD and motor as required. JCI is responsible for all pump startup, checkout, & balance and final testing of system and any associated equipment. JCI will provide a final hydronic balance of the system upon completion of work.

The following modifications shall be done to each of the four (4) air handlers serving the City Hall and Police Headquarters building.

JCI shall provide materials & labor necessary to replace the condensate drain pans and drain piping for each air handler. Work shall be in accordance with appropriate industry codes and standards.

JCI shall provide a complete air balance of the system. This includes all necessary work at the system and at the diffuser level.

Infrastructure Improvement Measure # 6

Office on Aging – West HVAC Replacements

The existing residential-type furnace and air conditioners shall be replaced with new York (or equivalent) high-efficiency units. The scope of work includes all items for a complete turn-key proposal, including the following:

Unit Tag	Existing	Proposed	New Outdoor Condenser (Y/N)	New NG Piping
Front Office	Electric Heat	Condensing NG Furnace	Y, 3-ton	Y
Transportation	Electric Heat	Condensing NG Furnace	Y, 2-ton	Y
Lake Erie Room	100K Btu NG	Non-Condensing NG Furnace	Y, 3-ton	N
Apt 1	45K Btu NG	Condensing NG Furnace	Y, 2-ton	N
Apt 2	45K Btu NG	Condensing NG Furnace	Y, 2-ton	N
Apt 3	45K Btu NG	Condensing NG Furnace	Y, 2-ton	N
Apt 4	45K Btu NG	Condensing NG Furnace	Y, 2-ton	N

Additionally, the packaged rooftop air handler serving the kitchen area shall be replaced with a unit to match existing roof curb.

JCI is responsible to provide, coordinate, & install the following unit installation items, to include, the replacement of the units, ductwork modifications, duct insulation, proper weather sealing of the unit and the provision of adequate condensate drainage.

JCI shall be responsible for demolition, removal, & proper disposal of the existing units.

JCI shall reconnect all electrical power and gas as required per each unit. Provide new natural gas piping, for units as required, from the nearest available source.

JCI shall provide all flue piping and penetrations as required for new units.

Johnson Controls shall be advised if asbestos is encountered. The City will be responsible for removal.

The installation shall be warranted as to equipment and labor for one year after acceptance in writing for beneficial use.

Infrastructure Improvement Measure # 7

Traffic Signs Shop HVAC Replacements

The existing residential-type furnace and air conditioners shall be replaced with new York (or equivalent) high-efficiency units. The scope of work includes all items for a complete turn-key proposal, including the following:

Unit Tag	Existing	Proposed	New Outdoor Condenser (Y/N)	New NG Piping
Office NE	80K Btu NG	Condensing NG Furnace	Y, 3-ton	N
Office SE	Electric Heat	Condensing NG Furnace	Y, 3-ton	Y
Office W	100K Btu NG	Condensing NG Furnace	N	N

JCI is responsible to provide, coordinate, & install the following unit installation items, to include, the replacement of the units, ductwork modifications, duct insulation, proper weather sealing of the unit and the provision of adequate condensate drainage.

JCI shall be responsible for demolition, removal, & proper disposal of the existing units.

JCI shall reconnect all electrical power and gas as required per each unit. Provide new natural gas piping, for units as required, from the nearest available source.

JCI shall provide all flue piping and penetrations as required for new units.

Johnson Controls shall be advised if asbestos is encountered. The City will be responsible for removal.
The installation shall be warranted as to equipment and labor for one year after acceptance in writing for beneficial use.

Dated, 5/20/08
200

CUSTOMER:

Signature:

Printed Name:

Title:

Ed Fitzgerald
Ed Fitzgerald
Mayor of Lakewood

JOHNSON CONTROLS, INC.

Signature:

Printed Name:

Title:

[Signature]
Richard W. Smith
Senior Sales Mgr

Schedule 2

ASSURED PERFORMANCE GUARANTEE SCHEDULE

1. DEFINITIONS. The following terms are defined for purposes of this Schedule as follows:

Project Benefits are the Measured savings, cost avoidance &/or Billable Usage increases that occur in the Guarantee Term plus the Non-Measured savings, cost avoidance &/or Billable Usage increases achieved for that year as set forth in paragraph 3, Reconciliation, of this Schedule.

Annual Guaranteed Project Benefits are the portion of the Total Guaranteed Project Benefits to be achieved in any one year of the Guarantee Term, calculated and adjusted as set forth in this Schedule.

Annual Project Benefits are the Project Benefits achieved for any one year of this Agreement.

Project Benefits Surplus is the amount by which the Annual Project Benefits that exceed the Annual Guaranteed Project Benefits in any one-year of the Guarantee Term.

Project Benefits Shortfall is the amount by which the Annual Guaranteed Project Benefits exceeds the Annual Project Benefits in any one-year of the Guarantee Term.

Guarantee Term is the term of this Assured Performance Guarantee. As outlined in paragraph 2 of this Agreement, the Guarantee Term shall coincide with the term of Services and shall be 120 months from the Substantial Completion Date, unless terminated earlier.

Installation Period means the period between the Commencement Date and the first day of the month following the Substantial Completion Date. For purposes of the annual reconciliation, Project Benefits achieved during the Installation Period shall be considered Project Benefits achieved during the first year of the Guarantee Term.

Measured Project Benefits are achieved and calculated as set forth in paragraph 3, Reconciliation, of this Schedule.

Non-Measured Project Benefits are the Project Benefits that have been agreed by the parties will be deemed achieved on the Substantial Completion Date and are set forth in Exhibit 2 of this Schedule. JCI and the Customer agree that Non-Measured Project Benefits may include, but are not limited to, future capital or operational costs avoided as a result of this Agreement.

Customer agrees and acknowledges that JCI shall not be responsible for the achievement of such Project Benefits, as the actual realization of those Project Benefits is not within JCI's control. Customer acknowledges that it has evaluated sufficient information to believe that the Non-Measured Project Benefits will occur. As a result, Non-Measured Project Benefits shall not be measured or monitored at any time during the Guarantee Term, but rather shall be deemed achieved on the Substantial Completion Date.

Billable Usage Increases are the incremental increases in billable usage that occur as a result of guaranteed meter efficiency improvements as calculated in (Schedule 2, Exhibit 6) pursuant to billing information as provided by the Customer.

Total Guaranteed Project Benefits are the Total Guaranteed Project Benefits to be achieved during the entire Guarantee Term, calculated and adjusted as set forth in this Schedule.

Total Project Benefits are the Project Benefits achieved during the entire term of this Agreement.

Equipment is the product(s) installed by JCI, its subcontractors and/or its agents as outlined in Schedule 1 (Scope of Work).

Service is the scope of work provided by JCI, its subcontractors and/or its agents as outlined in Schedule 3 (Service Schedule).

Baseline is the mutually agreed upon calculated figures and/or usage amounts that reflect existing conditions and assumptions as set forth in Schedule 2, Exhibit 6.

GUARANTEE. Subject to the terms and conditions of this Agreement, JCI guarantees that the Customer will achieve \$5,120,730 of Total Guarantee Project Benefits during the Term of the Agreement.

RECONCILIATION. Within 60 days after the Substantial Completion Date, or earlier if otherwise specified in this Performance Contract, JCI will calculate the Project Benefit achieved during the Installation Period and advise the Customer of the amount of such Project Benefits. The frequency and the methods of reconciliation to be used during the Guarantee Term have been approved by the Customer at the time that this Agreement was executed and are defined in the Exhibits attached to this Schedule. Except by mutual

agreement of the parties, no changes to the frequency or methods of reconciliation may be made during the Guarantee Term; but, if a utility providing energy to the Customer modifies its method of billing during the Guarantee Term, or if the Customer changes its utility suppliers or method of purchasing, JCI may, at its option, adjust the reconciliation methods to methods appropriate to the utility's revised method of billing.

Customer agrees and acknowledges that JCI shall not be responsible for the achievement of such Project Benefits, as the actual realization of those Project Benefits is not within JCI's control. Customer acknowledges that it has evaluated sufficient information to believe that the Non-Measured Project Benefits will occur. As a result, Non-Measured Project Benefits shall not be measured or monitored at any time during the Guarantee Term, but rather shall be deemed achieved on the Substantial Completion Date.

4. CHANGES IN USE. The Customer agrees to notify JCI, within five (5) business days, of any actual or intended change, whether before or during the Guarantee Term, in the use of any facility or equipment to which this Schedule applies, or of any other condition arising before or during the Guarantee Term, that reasonably could be expected to change the amount of Project Benefits to which this Schedule applies. Such a change or condition would include, but is not limited to: changes in the primary use of any facility; changes to the hours of operation of any facility; changes or modifications to the Equipment or Services provided under this Agreement; failure of the premises to meet local building codes; changes in utility suppliers, method of utility billing, or method of utility purchasing; improper maintenance of the Equipment or of any related equipment other than by JCI; changes to the equipment or to any facility required by changes to local building codes; or additions or deletions of equipment at any facility. Such a change or condition need not be identified in the Base Line in order to permit JCI to make an adjustment.

Upon receipt of such notice, or if JCI independently learns of any such change or condition, JCI shall calculate and send to the Customer a notice of adjustment to the Base Line to reflect the impact of such change or condition, and the adjustment shall become effective as of the date that the change or condition first arose. Should the Customer fail to provide JCI with notice of any such change or condition, JCI may make reasonable estimates as to the impact of such change or condition and as to the date on which such change or condition first arose in calculating the impact of such change or condition, and such estimates shall be conclusive.

5. PROJECT BENEFIT SURPLUSES OR SHORTFALLS . If the Annual Project Benefits during a specific year of the Guarantee Term, plus amounts credited from surpluses in the Installation Period and earlier years of the Guarantee Term, are less than the Annual Guaranteed Project Benefits for that year, JCI may apply the difference against any unpaid balances from the Customer then existing under the Agreement. If there are any remaining amounts, JCI may, where permitted by law, (a) carry over the difference to the next year of the Performance Contract so as to increase the Annual Guaranteed Project Benefits in that year or (b) at the Customer's written election, pay the Customer any remaining Project Benefit shortfalls, however JCI reserves the right to bill Customer for these Project Benefit shortfall payments should subsequent years of the Agreement yield Project Benefit surpluses. Upon the mutual agreement of the parties, JCI may also provide additional products or services, in the value of the shortfall, at no additional cost to the Customer. Where Project Benefit shortfalls have occurred, JCI reserves the right, subject to the approval of the Customer, which shall not be unreasonably withheld, to implement additional operational improvements or conservation measures, at no cost to the Customer, that will generate additional Project Benefits in future years of the Guarantee Term. Such payment or credit shall be the sole and exclusive remedy of the Customer for any failure by JCI to achieve guaranteed Project Benefits under this Agreement, including any alleged breach of any other express or implied warranty of Project Benefits. JCI may credit any Project Benefit Surplus, in whole or in part, toward the Annual Guaranteed Project Benefits in any future year of the Guarantee Term.

The following Exhibits are attached and made part of this Schedule:

Exhibit 1	Annual Reconciliation & Guaranteed Project Benefit Allocation
Exhibit 2	Non-Measured Project Benefits
Exhibit 3	Responsibilities of JCI and Customer
Exhibit 4	Unit Utility Rates and Costs
Exhibit 5	Primary Operations Schedules Pre & Post Retrofit
Exhibit 6	Calculation of Base Line and Project Benefits
Exhibit 7	Energy Base Lines

FEMP or IPMVP Option A

ANNUAL RECONCILIATION & GUARANTEED PROJECT BENEFIT ALLOCATION

Year	Utility Cost Avoidance	Operations & Maintenance Cost Avoidance	Future Capital Cost Avoidance	Total Guaranteed Project Benefits
1	\$202,920	\$63,037	\$180,727	\$446,684
2	\$209,007	\$64,928	\$186,149	\$460,084
3	\$215,277	\$66,876	\$191,733	\$473,887
4	\$221,736	\$68,882	\$197,485	\$488,104
5	\$228,388	\$70,949	\$203,410	\$502,747
6	\$235,240	\$73,077	\$209,512	\$517,829
7	\$242,297	\$75,269	\$215,798	\$533,364
8	\$249,566	\$77,528	\$222,272	\$549,365
9	\$257,053	\$79,853	\$228,940	\$565,846
10	\$264,764	\$82,249	\$235,808	\$582,821
Totals	\$2,326,247	\$722,649	\$2,071,835	\$5,120,730

* The term of the Assured Performance Guarantee (as seen above) shall coincide with the term of the Services Schedule (see Schedule 3). If for any reason, the Customer cancels or breaches this Agreement, including but not limited to the Service Schedule, the Assured Performance Guarantee shall automatically terminate.

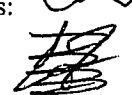
CUSTOMER:

Initials:



JOHNSON CONTROLS, INC.

Initials:



Schedule 2
Exhibit 2

Non-Measured Project Benefits

The Project Benefits identified below shall be Non-Measured Project Benefits (as defined above) under this Schedule. The amount of the Non-Measured Project Benefits shall be deemed to increase during each year of the Guarantee Term by the escalation percentages set forth below.

Source of Non-Measured Project Benefits	First Year Project Benefits	Escalation
Operations & Maintenance Cost Avoidance	\$63,037	3%
Future Capital Cost Avoidance	\$180,727	3%
Non-Measured Energy Avoidance	\$45,385	3%
TOTAL NON-MEASURED PROJECT BENEFITS	\$289,149	

Dated , 200.

CUSTOMER:

Signature:




Printed Name:

Ed Fitzgerald

JOHNSON CONTROLS, INC.

Signature:



Printed Name:

Ricardo Le Nieto

Title:

Title:

Schedule 2

Exhibit 3**Responsibilities of JCI and Customer**

This Exhibit details the individual responsibilities of JCI and of the Customer, not otherwise set forth in this Performance Contract, in connection with the management and administration of the Assured Performance Guarantee.

JCI Responsibilities	Customer Responsibilities
JCI will calculate the actual savings using as-built data on the lighting retrofits and the annual burn hours mutually agreed to in the audits.	The Customer shall be responsible for addressing all warranty issues with the manufacturer after one year from the date of project installation, unless otherwise included in a JCI Planned Service Agreement (PSA).
JCI will provide the Customer with performance assurance services to support the calculated savings and guarantee.	Provide access to areas required to perform service, including escorting JCI personnel if needed.
JCI will provide the City with savings reports on the calculated savings and any guarantee shortfall as following: Years 1 through 10: Annually	City will maintain the above lighting retrofit using the same lamps and ballast's that were installed or equivalent lamps and ballast's approved by JCI
JCI will provide training for operation of the installed systems to the Customer.	

CUSTOMER:**JOHNSON CONTROLS, INC.**

Initials:

[Signature]
Schedule 2
Exhibit 4

Initials:

[Signature]

Unit Utility Rates and Costs

The unit energy costs by month for Base year of the Guarantee are set forth below and shall be used for all calculations made under this Schedule.

Facility	\$/MCF
City Hall	\$14.79
Youth Services	\$15.04
Service Garage	\$14.79
Fire Station #3	\$14.63
Fire Station #1	\$15.00
Fire Station #2	\$16.12
Madison Park	\$14.85
Madison Park Pool	\$12.62
Office on Aging - West	\$14.91
Traffic Signals Shop	\$13.27
MUG	\$15.03
Lakewood Park	\$13.83
City Hall Annex	\$15.52

Facility	Blended \$/kWh
City Hall	\$0.10
Youth Services	\$0.13
Service Garage	\$0.14
Fire Station #3	\$0.12
Fire Station #1	\$0.10
Fire Station #2	\$0.13
Madison Park	\$0.29
Madison Park Pool	\$0.17
Office on Aging - West	\$0.11
Traffic Signals Shop	\$0.13
MUG	\$0.12
Lakewood Park	\$0.11
City Hall Annex	\$0.13

<i>Animal Shelter*</i>	\$15.04
<i>Refuse Facilities*</i>	\$14.79
<i>Waste Water Treatment Plant*</i>	\$14.79
Winterhurst Ice Rink	\$9.91

<i>Animal Shelter*</i>	\$0.13
<i>Refuse Facilities*</i>	\$0.14
<i>Waste Water Treatment Plant*</i>	\$0.14
Winterhurst Ice Rink	\$0.10

% Annual Energy Costs Increase

The following table identifies the percentage increases that will be made to the amounts in the table for each succeeding year of the Guarantee.

Year	Electric	Natural Gas
1	3%	3%
2	3%	3%
3	3%	3%
4	3%	3%
5	3%	3%
6	3%	3%
7	3%	3%
8	3%	3%
9	3%	3%
10	3%	3%

CUSTOMER:

JOHNSON CONTROLS, INC.

Initials:

EJ

**Schedule 2
Exhibit 5**

Initials:

[Signature]

Primary Operations Schedules Pre & Post Retrofit

Animal Shelter, Office on Aging West, Refuse Facility, Traffic Signals Shop, Youth Services, Public Works Service Garage,
Municipal Utilities Garage

	Lighting		HVAC	
	Time On	Time Off	Time On	Time Off
Monday	8:00 AM	5:00 PM	24 Hrs.	
Tuesday	8:00 AM	5:00 PM	24 Hrs.	
Wednesday	8:00 AM	5:00 PM	24 Hrs.	
Thursday	8:00 AM	5:00 PM	24 Hrs.	

Friday	8:00 AM	5:00 PM	24 Hrs.	
Saturday	Off		24 Hrs.	
Sunday	Off		24 Hrs.	
Holidays	Off		24 Hrs.	

Minimum room temperature during heating season: ___68___ to ___72___ degrees F

Heating season is October to April.

Maximum room temperature during cooling season: ___72___ to ___76___ degrees F

Cooling season is April to October.

Post-Retrofit Facility/area

	Lighting		HVAC	
	Time On	Time Off	Time On	Time Off
Monday	8:00 AM	5:00 PM	24 Hrs.	
Tuesday	8:00 AM	5:00 PM	24 Hrs.	
Wednesday	8:00 AM	5:00 PM	24 Hrs.	
Thursday	8:00 AM	5:00 PM	24 Hrs.	
Friday	8:00 AM	5:00 PM	24 Hrs.	
Saturday	Off		24 Hrs.	
Sunday	Off		24 Hrs.	
Holidays	Off		24 Hrs.	

Minimum room temperature during heating season: ___68___ to ___72___ degrees F

Heating season is October to April.

Maximum room temperature during cooling season: ___72___ to ___76___ degrees F

Cooling season is April to October.

Fire Station #1, #2, #3

	Lighting		HVAC	
	Time On	Time Off	Time On	Time Off
Monday	24 Hrs.		24 Hrs.	
Tuesday	24 Hrs.		24 Hrs.	
Wednesday	24 Hrs.		24 Hrs.	
Thursday	24 Hrs.		24 Hrs.	
Friday	24 Hrs.		24 Hrs.	
Saturday	24 Hrs.		24 Hrs.	
Sunday	24 Hrs.		24 Hrs.	

Holidays	24 Hrs.		24 Hrs.	
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Minimum room temperature during heating season: ____68__ to ____72__ degrees F

Heating season is October to April.

Maximum room temperature during cooling season: ____72__ to ____76__ degrees F

Cooling season is April to October.

Post-Retrofit Facility/area

	Lighting		HVAC	
	Time On	Time Off	Time On	Time Off
Monday	24 Hrs.		24 Hrs.	
Tuesday	24 Hrs.		24 Hrs.	
Wednesday	24 Hrs.		24 Hrs.	
Thursday	24 Hrs.		24 Hrs.	
Friday	24 Hrs.		24 Hrs.	
Saturday	24 Hrs.		24 Hrs.	
Sunday	24 Hrs.		24 Hrs.	
Holidays	24 Hrs.		24 Hrs.	

Minimum room temperature during heating season: ____68__ to ____72__ degrees F

Heating season is October to April.

Maximum room temperature during cooling season: ____72__ to ____76__ degrees F

Cooling season is April to October.

City Hall, Madison Park, Lakewood Park

	Lighting		HVAC	
	Time On	Time Off	Time On	Time Off
Monday	7:00 AM	8:00 PM	24 Hrs.	
Tuesday	7:00 AM	8:00 PM	24 Hrs.	
Wednesday	7:00 AM	8:00 PM	24 Hrs.	
Thursday	7:00 AM	8:00 PM	24 Hrs.	
Friday	7:00 AM	8:00 PM	24 Hrs.	
Saturday	7:00 AM	12:00 PM	24 Hrs.	
Sunday	Off		24 Hrs.	
Holidays	Off		24 Hrs.	

Minimum room temperature during heating season: ___68___ to ___72___ degrees F
 Heating season is October to April.
 Maximum room temperature during cooling season: ___72___ to ___76___ degrees F
 Cooling season is April to October.
 Post-Retrofit Facility/area

	Lighting		HVAC	
	Time On	Time Off	Time On	Time Off
Monday	7:00 AM	8:00 PM	7:00 AM	8:00 PM
Tuesday	7:00 AM	8:00 PM	7:00 AM	8:00 PM
Wednesday	7:00 AM	8:00 PM	7:00 AM	8:00 PM
Thursday	7:00 AM	8:00 PM	7:00 AM	8:00 PM
Friday	7:00 AM	8:00 PM	7:00 AM	8:00 PM
Saturday	7:00 AM	12:00 PM	7:00 AM	12:00 PM
Sunday	Off		24 Hrs.	
Holidays	Off		24 Hrs.	

Minimum room temperature during heating season: ___68___ to ___72___ degrees F
 Heating season is October to April.
 Maximum room temperature during cooling season: ___72___ to ___76___ degrees F
 Cooling season is April to October.

Winterhurst Ice Rink

	Lighting		HVAC	
	Time On	Time Off	Time On	Time Off
Monday	7:00 AM	9:00 PM	24 Hrs.	
Tuesday	7:00 AM	9:00 PM	24 Hrs.	
Wednesday	7:00 AM	9:00 PM	24 Hrs.	
Thursday	7:00 AM	9:00 PM	24 Hrs.	
Friday	7:00 AM	9:00 PM	24 Hrs.	
Saturday	7:00 AM	9:00 PM	24 Hrs.	
Sunday	7:00 AM	9:00 PM	24 Hrs.	
Holidays	Off		24 Hrs.	

Minimum room temperature during heating season: ___68___ to ___72___ degrees F
 Heating season is October to April.
 Maximum room temperature during cooling season: ___72___ to ___76___ degrees F
 Cooling season is April to October.
 Post-Retrofit Facility/area

	Lighting		HVAC	
	Time On	Time Off	Time On	Time Off
Monday	7:00 AM	9:00 PM	7:00 AM	9:00 PM
Tuesday	7:00 AM	9:00 PM	7:00 AM	9:00 PM
Wednesday	7:00 AM	9:00 PM	7:00 AM	9:00 PM
Thursday	7:00 AM	9:00 PM	7:00 AM	9:00 PM
Friday	7:00 AM	9:00 PM	7:00 AM	9:00 PM
Saturday	7:00 AM	9:00 PM	7:00 AM	9:00 PM
Sunday	7:00 AM	9:00 PM	7:00 AM	9:00 PM
Holidays	Off		24 Hrs.	

Minimum room temperature during heating season: 68 to 72 degrees F

Heating season is October to April.

Maximum room temperature during cooling season: 72 to 76 degrees F

Cooling season is April to October.

CUSTOMER:

Initials: 

JOHNSON CONTROLS, INC.

Initials: 

FEMP or IPMVP

Option A

Partially Measured Retrofit Isolation

Project Benefits are determined by partial field measurement of the energy use of the system(s) to which an improvement measure was applied, separate from the energy use of the rest of the facility. Measurements will be short-term with only one-time measurements in the pre & post-retrofit installation period.

Partial measurement means that some but not all parameter(s) will be Non-Measured. Careful review of improvement measure design and installation will ensure that Non-Measured values fairly represent the probable actual value. Stipulations will be shown in the M&V Plan along with analysis of the significance of the error they may introduce.

Engineering calculations using short-term pre & post-retrofit measurements and stipulations. The finding of these pre & post-retrofit measurements calculations of Project Benefits will then be Non-Measured for the life of the contract.

Performance and Operation Factors: Savings are based on a combination of measured and mutually agreed upon factors. Measurements are spot or short-term taken at the component or system level. The mutually agreed upon factors are supported by historical or manufacturer's data.

Savings Calculation: Savings are derived using engineering calculations, component, or system models.

Calculation of Benchmark and Performance Savings

Determination of Average Utility Rates:

Johnson Controls will determine the Blended Electrical Energy Rate (BER) according to the following formula:

FORMULA 1

$$BER^* = TKC_{1-12} \div kWh_{1-12}$$

Where:

BER : Blended Electrical Energy Rate (Dollars per kWh)

TKC₁₋₁₂ : Sum Total of Monthly kWh and kW Costs (Dollars) including Fuel Adjustment Cost and other related Energy Charges for Months 1 Through 12

kWh₁₋₁₂ : Sum Total of Monthly Electricity Use (kWh) for Months 1 Through 12

Johnson Controls will determine the Average Electrical Energy Rate (AER) according to the following formula:

FORMULA 2

$$AER^* = TKC_{1-12} \div kWh_{1-12}$$

Where:

AER : Average Electrical Energy Rate (Dollars per kWh)

TKC₁₋₁₂ : Sum Total of Monthly kWh Costs (Dollars) including Fuel Adjustment Cost and other related Energy Charges for Months 1 Through 12

kWh₁₋₁₂ : Sum Total of Monthly Electricity Use (kWh) for Months 1 Through 12

Johnson Controls will determine the Natural Gas Fuel Rate (NGR) for the duration of the contract based on the following formula:

FORMULA 3

$$NGR^* = TGC_{1-12} \div TGU_{1-12}$$

Where:

NGR : Natural Gas fuel rate (\$/Mcf)

TGC₁₋₁₂ : Sum total of monthly natural gas costs (\$)

TGU₁₋₁₂ : Sum total of monthly natural gas usage for months 1-12 (Mcf)

*The annual calculated NGR shall never drop below the floor rate as defined in Schedule 2, Exhibit 4 of this document. In the event that they do, the floor rates will be substituted for the annual calculated rate.

Performance Measurement for all Lighting Measures

Buildings Impacted:

City-Wide

Pre-Installation Verification

The baseline data is determined using:

Occupancy hours of each building as defined in Schedule 2, Exhibit 5.

Surveys of actual lighting usage (line-by-line audit).

Data-loggers applied in most locations to determine lighting hours vs. occupied hours

Johnson Controls determined the power (kilo-watts) of the various existing fixtures from lamp and ballast manufacturer's published data.

Johnson Controls will then determine Existing Annual Electrical Cost (EAEC) for the existing lighting system according to the following formula:

FORMULA 4

$$EAEC = \{EFW_i * ABH * BER\}$$

Where:

EAEC: Existing annual electrical cost for the existing lighting system (\$/yr)
 EFW_i: The sum of the existing fixture kW for all existing fixture types (kW)
 ABH: Annual burn hours as defined in Schedule 2, Exhibit 5
 BER: Blended Electrical energy rate (\$/kWh)

The savings for these measures are summarized in the following table:

Facility	Electrical Savings kWh/Year	Fuel Savings Mcf/Year
City-Wide	865,246	0

Post-Installation Verification

At the completion of each building under the project scope, Johnson Controls will calculate post retrofit power (kilo-watt) consumption and demand from actual as-built fixture quantities, and, catalog data on the retrofit system as installed. This information will be used to determine post installation energy consumption.

Johnson Controls will then determine New Annual Electrical Cost (NAEC) for the new lighting system according to the following formula:

FORMULA 5

$$NAEC = \{NFW_i * ABH * BER\}$$

Where:

NAEC: New annual electrical cost for the new lighting system (\$)
 NFW_i: The sum of the new fixture kW for all new fixture types (kW)
 ABH: Annual burn hours as defined in Schedule 2, Exhibit 5
 BER: Blended Electrical energy rate (\$/kWh)

Calculation of Savings

Johnson Controls will determine net annual savings result ing from the Lighting Energy Conservation Measures according to the following formula:

FORMULA 6

$$NAS = EAEC - NAEC$$

Where:

NAS: Net annual savings (\$/yr)
 EAEC: Existing annual electrical cost (\$/yr)
 NAEC: New annual electrical cost (\$/yr)

Performance Measurement for Building Automation Retrofit:

Buildings Impacted:
City Hall, Winterhurst Ice Rink

Pre-Installation Verification

The energy consumption of each of the buildings utilizing their current control system was accurately determined during the Johnson Controls' site assessment. Using industry standard calculation methodology and building modeling, the potential savings of the building automation system (BAS) were accurately calculated.

The BAS control strategies to be implemented include:
Provision for Night Setback

The savings for these measures are summarized in the following table:

Facility	Electrical Savings kWh/Year	Fuel Savings Mcf/Year
City Hall, Winterhurst Ice rink	330,570	1,531

Post Installation Verification

The BAS installations will be verified to be complete through Johnson Controls' commissioning process. Newly installed equipment will be tested for proper operation and performance to specifications.

If the as-built performance of the BAS system meets design criteria, the savings as indicated in the table above will be used for savings calculations. If differences occur between the as-built conditions and the design, the as-built conditions will be input into the spreadsheets and savings will be re-calculated.

Calculation of Savings

The net annual savings will be calculated as follows:

FORMULA 7

NAS =	AES * BER + AFFS * NGR
Where:	
NAS:	Net annual savings (\$/yr)
AES:	Annual Electrical Savings (kWh/yr)
BER :	Blended Electric Rate
AFFS:	Annual fossil fuel savings (Mcf/yr)
NGR:	Natural Gas fuel rate (\$/Mcf)

Performance Measurement for Building Envelope Improvements

Buildings Impacted:
City-Wide

Pre-Installation Verification

The magnitude of the air infiltration in each of the buildings was accurately determined during Johnson Controls' site assessment. Using industry standard calculation methodology, the potential savings of the applicable building envelope improvements were accurately calculated.

The savings for these measures are summarized in the following table:

Building	Electrical Savings kWh/Year	Fuel Savings Mcf/Year
City-Wide	0	1,758

Post Installation Verification

The efficacy and proper installation of the air barriers will be verified through Johnson Controls' commissioning process. If differences occur between the as-built conditions and the design, the as-built conditions will be input into the calculations and savings will be re-calculated.

Calculation of Savings

The net annual savings will be calculated as follows:

FORMULA 8

$NAS = AFS * NGR + BER * AECS$ <p>Where:</p> <p>NAS: Net annual savings (\$/yr)</p> <p>AFS: Annual fossil fuel savings (Mcf/yr)</p> <p>NGR: Natural Gas rate (\$/Mcf)</p> <p>BER = Blended Electrical energy rate (\$/kWh)</p> <p>AECS = Annual Electrical Consumption Savings(kWh/Yr)</p>
--

Performance Measurement for Misc. Measures:

Projects:

Winterhurst Rooftop Unit Replacement
City Hall Chiller Replacement and HVAC Upgrades
Office of Aging – West HVAC Replacements
Traffic / Signs HVAC Replacements

Pre-Installation Verification

The energy consumption of all systems was determined during Johnson Controls' site assessment. Using industry standard calculation methodology, the potential savings of the following measures were calculated with the intention that these energy conservation measures are primarily directed toward maintenance replacement upgrades.

The annual savings for these measures are summarized in the following table:

Building/Area	Measure	Electrical Consumption Savings (kWh)	Fuel Consumption (MCF)
Winterhurst Rooftop Unit Replacement	Replacement/Retrofit	201,193	354
City Hall Chiller Replacement and HVAC Upgrades	Replacement/Retrofit	129,225	0
Office of Aging – West HVAC Replacements	Replacement/Retrofit	10,439	84
Traffic / Signs HVAC Replacements	Replacement/Retrofit	3,914	65
Totals:		344,771	503

Post Installation Verification

If the as-built performances of these measures match those in the spreadsheet analysis, savings generated by the spreadsheet analysis will be used for calculations. If differences occur between the as-built conditions and the design, the as-built conditions will be input into the spreadsheet analysis and savings will be re-calculated.

Calculation of Savings

The net annual savings will be calculated as follows:

FORMULA 9

$$NAS = AECS * EER + NGS * AFFR$$

Where:

NAS: Net annual savings (\$/yr)

AECS: Annual Electrical Consumption Savings (kWh/yr)

EER:: Electrical Energy Rate (\$/kWh)

NGS: Natural Gas Savings

AFFR Average Fossil Fuel Rate (\$/MCF)

Schedule 2
Exhibit 7

Baseline(s)

Facility	Annual Consumption (MCF)	Annual Consumption (kWh)
City Hall	4,915	1,146,188
Youth Services	238	25,491
Service Garage	2,193	89,258
Fire Station #3	888	128,380
Fire Station #1	1,858	249,440
Fire Station #2	483	60,448
Madison Park	525	25,654
Madison Park Pool	1,472	55,995
Office on Aging - West	407	266,720
Traffic Signals Shop	1,026	51,920
MUG	1,162	181,040
Lakewood Park	2,422	308,130
City Hall Annex	117	90,309
Animal Shelter*	125	27,371
Refuse Facilities*	1,339	54,496
Waste Water Treatment Plant*	2,065	84,047
Winterhurst Ice Rink	9,761	1,873,320

* Utility bills were not available for the Animal Shelter, Refuse Facilities, and Waste Water Treatment Plant. Utilities for these facilities were estimated, based on square-footage and use.

CUSTOMER:

Initials: *EE*

Dated, 200.

CUSTOMER:

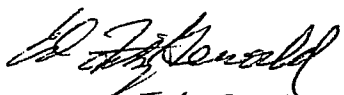
Signature: *Ed J. Howard*

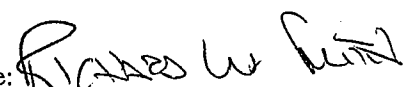
JOHNSON CONTROLS, INC.

Initials: *TEH*

JOHNSON CONTROLS, INC.

Signature: *TEH*


Printed Name: Ed Fitzgerald
Title: Mayor of Lakewood

Printed Name: 
Title: Public Safety Officer

SERVICES SCHEDULE

1. **SCOPE OF SERVICE.** JCI and the Customer agree that the services checked below will be provided by JCI at the Customer's facility.

- Primary Air Conditioning Equipment (PRIME)
- Primary Air Conditioning Equipment (Basic)
- Fire Detection and Management Systems (Premium)
- Fire Detection and Management Systems (Basic)
- Facility Operations
- Reciprocating Air Conditioning Equipment (Premium)
- Reciprocating Air Conditioning Equipment (Basic)
- Associated Air Conditioning and Heating Covered Equipment (Premium)
- Associated Air Conditioning and Heating Covered Equipment (Basic)
- Maintenance Management Services
- Primary Heating Covered Equipment (Premium)
- Primary Heating Covered Equipment (Basic)
- Automatic Temperature Controls (Premium)
- Automatic Temperature Controls (Basic)
- Training
- Facility Management Systems (Premium)
- Facility Management Systems (Basic)
- Security Management Systems (Premium)
- Security Management Systems (Basic)
- Performance Contract Reporting Services
- Performance Consulting Service
- Energy System Management Services

2. **EXTENDED SERVICE OPTIONS FOR PREMIUM AND PRIME COVERAGES.** On-site repair services will be provided during JCI's normal business hours, unless one of the following options is checked:

24-5 Extended Service--JCI will provide on-site response 24 hours a day, 5 days a week (*Monday thru Friday, except JCI holidays*)

24-7 Extended Service--JCI will provide on-site response 24 hours a day, 7 days a week (*including holidays*)

3. **DEFINITIONS.** The terms used in this Services Schedule shall be defined as follows:

(a) **COVERED EQUIPMENT** means the equipment for which services are to be provided under this Services Schedule and installed under Schedule 1 and any other Covered Equipment Lists attached to this Services Schedule.

(b) **EQUIPMENT FAILURE** means the sudden and accidental failure of moving parts or electric or electronic components that are part of the Covered Equipment and that are necessary for its operation.

(c) **SCHEDULED SERVICE VISITS** include labor required to perform inspections and preventive maintenance on Covered Equipment.

(d) **SCHEDULED SERVICE MATERIALS** include materials required to perform Scheduled Service Visits on Covered Equipment.

(e) **REPAIR LABOR** includes labor necessary to restore Covered Equipment to working condition following an equipment failure and excludes total equipment replacement due to obsolescence or unavailability of parts.

(f) **REPAIR MATERIALS** include materials necessary to restore Covered Equipment to working condition following an equipment failure and excludes total equipment replacement due to obsolescence or unavailability of parts. At JCI's option, Repair Materials may be new, used, or reconditioned. All Repair Materials are covered by the warranty as described below.

(g) **BASIC COVERAGE** includes Scheduled Service Visits, plus Scheduled Service Materials if otherwise noted in this Services Schedule, for Covered Equipment.

(h) **PREMIUM LEVEL COVERAGE** includes BASIC COVERAGE as well as Repair Labor, plus Repair Material if otherwise noted in this Services Schedule, for Covered Equipment.

(i) **EXTENDED SERVICE** includes extended service for repairs and is available only if Customer has PREMIUM or PRIME coverage. The price for Extended Service, if chosen by Customer, is part of the total price Customer will pay. Should a defect be found during an Extended Service visit that JCI is not responsible for under this Services Schedule; Customer agrees to pay JCI's standard fee for any services rendered. Should Repair Labor or Repair Materials be performed in periods beyond the Extended Service period, Customer agrees to pay JCI's standard fee for any services rendered beyond the Extended Service period. PRIME LEVEL COVERAGE includes BASIC COVERAGE as well as Repair Labor, plus Repair Materials if otherwise set forth in this Services Schedule, for Covered Equipment consisting of centrifugal, absorption, or screw chillers. PRIME LEVEL COVERAGE also includes Repair Labor, and Repair Materials if otherwise set forth in this Services Schedule, for diagnosed imminent equipment failure as well as actual equipment Failure, and the following:

(i) JCI will analyze diagnostic tests including Pre-Vue Vibration Analysis and spectrochemical oil analysis megohm readings. All diagnostic tests must be performed at JCI-prescribed frequencies and to JCI-specified test standards. Coverage will include Repair Labor and Repair Material for heat exchanger tubes if an Eddy Current Analysis, acceptable to JCI, has been performed in the three years prior to this Services Agreement Schedule and is provided to JCI, or such a test will be performed as part of this Services Agreement Schedule.

(ii) Should JCI's analysis suggest the existence or the possibility of equipment deterioration outside anticipated or acceptable conditions, JCI may at its option take corrective steps necessary to prevent further deterioration or breakdown of the Covered Equipment. JCI retains sole judgment over whether equipment conditions are considered acceptable, whether corrective steps should be taken, or what steps, if any, need to be taken. Performance of any corrective steps under this PRIME coverage is not a guarantee that equipment failure or downtime will not occur.

(j) **EXTENDED SERVICE** includes extended service for repairs and is available only if Customer has PREMIUM or PRIME coverage. The price for Extended Service, if chosen by Customer, is part of the total price Customer will pay. Should a defect be found during an Extended Service visit that JCI is not responsible for under this Services Schedule; Customer agrees to pay JCI's standard fee for any services rendered. Should Repair Labor or Repair Materials be provided in periods beyond the Extended Service period, Customer agrees to pay JCI's standard fee for any services rendered beyond the Extended Service period.

4. INITIAL EQUIPMENT INSPECTION FOR PREMIUM OR PRIME COVERAGES. JCI will inspect the Covered Equipment within 45 days of the date of this Services Schedule or as seasonal or operational conditions permit. JCI will advise Customer if JCI finds any

Covered Equipment not in working order or in need of repair. With the Customer's approval, JCI will perform the work necessary to put the Covered Equipment in proper working condition. To the extent that Covered Equipment is not subject to warranty or other obligation of JCI for its repair, this work will be done at JCI's standard fee for parts and labor in effect at that time. If the Customer does not want JCI to do the work identified by JCI, or if Customer does not have the work done, the Covered Equipment will be removed from the list of Covered Equipment and the price of this Services Schedule will then be adjusted.

CUSTOMER OBLIGATIONS AND COMMITMENTS TO JCI. The Customer warrants that, to the best of Customer's knowledge, all Covered Equipment is in good working condition and the Customer has given JCI all information of which Customer is aware concerning the condition of the Covered Equipment. The Customer agrees that, during the term of this Services Schedule, the Customer will:

- (a) operate the Covered Equipment according to the manufacturer's recommendations;
- (b) keep accurate and current work logs and information on the Covered Equipment as recommended by the manufacturer;
- (c) provide an adequate environment for Covered Equipment as recommended by the manufacturer or as recommended by JCI, including adequate space, electrical power, air conditioning, and humidity control;
- (d) notify JCI immediately of any Covered Equipment malfunction, breakdown, or other condition affecting the operation of the Covered Equipment;
- (e) allow JCI to start and stop, periodically turn off, or otherwise change or temporarily suspend equipment operations so that JCI can perform the services required under this Services Schedule; and
- (f) provide proper condenser and boiler water treatment, as necessary, for the proper functioning of Covered Equipment, if such services are not JCI's responsibility under this Services Agreement Schedule.

The Customer acknowledges that its failure to meet these obligations will relieve JCI of any responsibility for any breakdown, or any necessary repair or replacement, of any Covered Equipment and may require adjustments under Schedule 2, Assured Performance Guarantee Schedule.

6. CHANGES TO COVERED EQUIPMENT. To the extent permitted under the Performance Contract, the Customer retains the right to make changes or alterations to the Covered Equipment. If, in JCI's opinion, such changes or alterations substantially affect JCI's services or obligations, JCI shall have the right to make appropriate changes to the scope or to the price of this Services Schedule or to both.

7. ACCESS. The Customer will give JCI full access to all equipment that is either Covered Equipment or associated with it when JCI requests such access. If access cannot be provided, JCI's obligations under this Services Schedule will be suspended until such access to the equipment is provided. Matters affecting JCI's access to the equipment may include, but are not limited to, the removal, replacement, repair, refinishing, restoration, reconstruction, or other remedial actions taken by the Customer with respect to Covered Equipment or to the Customer's facility. Suspension of JCI's duties for this reason will not cancel or suspend any of the Customer's obligations under this Services Schedule.

EXCLUSIONS. JCI's services under this Services Agreement Schedule do not include:

- (a) supplies, accessories, or any items normally consumed during the use of Covered Equipment, such as ribbons, bulbs, and paper;
- (b) calls resulting from lack of operator-level preventive maintenance, site-related problems, or operator error;
- (c) service calls due to failures resulting from acts of God, abuse or misuse of Covered Equipment, or alterations, modifications, or repairs to Covered Equipment not performed or provided by JCI;
- (d) the furnishing of materials and supplies for painting or refinishing Covered Equipment;

- (e) electrical work to the Customer's facility necessary because of Covered Equipment;
- (f) service calls resulting from attachments made to Covered Equipment or other equipment not covered by this Services Schedule;
- (g) the repair or replacement of ductwork, casings, cabinets, structural supports, tower fill/slats/basin, hydronic and pneumatic piping, and vessels, gaskets, and piping not normally replaced or maintained on a scheduled basis, and removal of oil from pneumatic piping;
- (h) service calls resulting from the effects of erosion, corrosion, acid cleaning, or damage from unexpected or especially severe freezing weather that is beyond what is prevented by JCI's normal maintenance;
- (i) work caused by any operation of, adjustments to, or repair to, Covered Equipment by others not authorized in advance by JCI;
- (j) work caused by the negligence of others, including but not limited to equipment operators and water treatment companies;
- (k) service calls due to failures caused by improper environmental conditions affecting Covered Equipment or electrical power fluctuations, if due to conditions beyond JCI's control, and service calls required because JCI had previously been denied access to the Covered Equipment; and

disposal of hazardous wastes. Hazardous wastes remain the property and the responsibility of the Customer even when removed from equipment or replaced by JCI as provided by the terms of this Services Schedule. The Customer shall be responsible for the proper storage and disposal of hazardous wastes. This includes, but is not limited to, used oil, contaminated or uncontaminated refrigerant, and PCBs.

Price. The total price for JCI's Services during the Term of this Service Schedule is \$0.00.

This amount will be paid to JCI in monthly/quarterly/annual installments as shown below or on the attached chart.

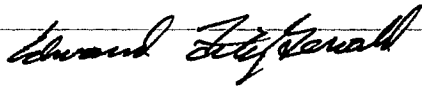
These payments will be due and payable when the Customer received JCI's invoice and in advance of the services

JCI is to provide.

Dated, 200. 5/23/02

CUSTOMER:

Signature:



Printed Name:

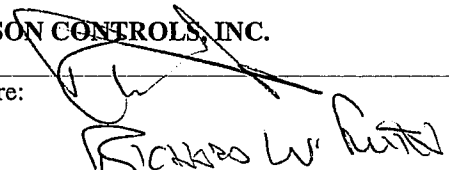
Edward Fitzgerald

Title:

Mayor of Lakewood

JOHNSON CONTROLS, INC.

Signature:



Printed Name:

Richard W. Rutter

Title:

Product Sales Mgr

Schedule 4A

PRICE AND PAYMENT TERMS SCHEDULE

The Customer shall make payments to JCI for Work performed, as well as payments for Services rendered pursuant to the Services Schedule.

4 (a) The price to be paid by the Customer for the Work shall be: Three Million Three Hundred Thousand \$3,300,000. Progress payments (including payment for materials delivered to JCI and work performed on and off-site) shall be made to JCI as follows:

First payment due: 25% Invoiced at Commencement
Progress payments due monthly thereafter

Final payment, constituting the entire unpaid balance for the Work, shall be made to JCI within 30 days after the Substantial Completion Date. Payments may be withheld on account of any breach of this Agreement by JCI and claims by third parties (including JCI subcontractors and material suppliers), but only to the extent that written notice has been provided to JCI and JCI has failed, within ten days of the date of receipt of such notice, to provide adequate security to protect Customer from any loss, cost, or expense related to such claims.

4 (b) The total price for JCI's Services during the Term of this Agreement is \$0.00. This amount will be paid to JCI in monthly/quarterly/annual installments of \$0.00 as shown below or on the attached chart. These payments will be due and payable when the Customer receives JCI's invoice and in advance of the services JCI is to provide and shall be made throughout the Service Term.

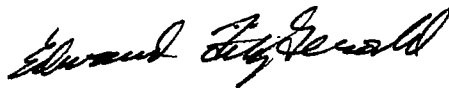
Monthly amount due: \$ n/a
Due Date: n/a
First payment due: n/a

2. **CUSTOMER PURCHASE ORDERS.** The Customer acknowledges and agrees that any purchase order issued by Customer, in accordance with this Agreement, is intended only to establish payment authority for the Customer's internal accounting purposes. No purchase order shall be considered to be a counteroffer, amendment, modification, or other revision to the terms of this Agreement. No term or condition included in the Customer's purchase order will have any force or effect.

Dated 5/23, 2008.

CUSTOMER:

Signature:



Printed Name: Edward Fitzgerald

Title: Mayor of Lakewood

JOHNSON CONTROLS, INC.

Signature:



Printed Name: Ricardo W Lopez

Title: Procurement Mgr

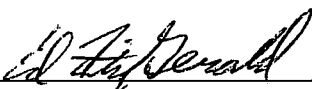
Addenda dated 5/22, 2008

ADDENDUM TO THE JCI AND LAKEWOOD CONTRACT

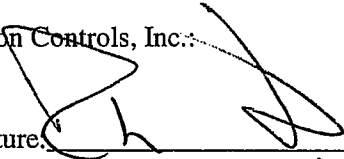
This addendum is to be made part of the original agreement between Johnson Controls, Inc. and the City of Lakewood. This addendum will be entered into at the same time as the Performance Contract.

JCI and the City of Lakewood acknowledge that the City properties that JCI are to work on under the contract will continue being operated for public use, and as such there is no expectation that any of the buildings' tax exempt status will change. However, if any of the City properties under the terms of this agreement lose their tax-exempt status, JCI's obligations and responsibility as referenced in Schedule 2 shall remain in full force and effect.

City of Lakewood:

Signature: 
Printed Name: Ed Fitzgerald
Title: Mayor
Date: 5/28/08

Johnson Controls, Inc.:

Signature: 
Printed Name: RICK W. PATTEN
Title: PUBLIC SAFETY MGR
Date: 5/28/08

Lighting Inventory Form

Applicant Name:	City of Lakewood
Facility Name:	Winterhurst
Date:	

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

PROJECT BASIC INFORMATION						PRE-INSTALLATION										POST-INSTALLATION										ENERGY CALCULATIONS															
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixture	Predominant Space Type	Area Group	Pre Fixture Qty	Pre Fixture Code	Pre Fixture Power (W)	Pre Fixture Space (sqft)	Existing Control and Sensor	Existing Sensor Quantity	Post Fixture Qty	Post Fixture Code	Post Fixture Power (W)	Post Fixture Space (sqft)	Proposed Control and Sensor	Proposed Sensor Quantity	Fixture Change (in Connected Load, W) including CFLs or Exit Signs	Estimated Change in Connected Load (W) including CFLs or Exit Signs	Change in Connected Load (W) for CFL or LED exit signs	Applicant's Calculated Factor (CFL Estimates)	Correction Factor	Installation Factor (demand)	Usage Factor (energy)	Control Factor	Post Controls Factor	Fixture Demand Savings (W) including CFLs or Exit Signs	Estimated Demand Savings (W) including CFLs or Exit Signs	Equivalent Equipment Name (CFLs Estimate)	Prescribed Full Load Hours	Annual Interior Fixture kWh Saved (including CFLs or Exit Signs)	Annual Exterior Fixture kWh Saved (including CFLs or Exit Signs)	Annual kWh Saved (CFL or LED exit signs only)	Annual kWh Saved (Sensors only)	Post Fixture Line Sheet Number					
0-0	400 North Street	2	Office	Interior	Office - Sleep	Cooling Space	2	F44L1	122	0.34	NONE		2	CF750-T-02	55	0.17	CCC	2				68%	88%	34%	12%					2.60	3.43										
0-1	Exterior		Recessed	Exterior	Recessed - Full Color	Cooling Space	2	Exterior Exit Sign 1	50	1.25	NONE		2	Exterior Exit Sign 2	25	0.13	CCC	2				3.12		0.17	88%	88%	34%	12%	30%	30%		0.11	0.19	2.60	3.43			200	188	188	1
1		1	Entrance	Interior	Other - Phase estimate CF and FLH	Cooling Space	47	HS1	55	2.05	NONE		47	HS1	25	1.18	NONE					1.68		80%	80%	34%	12%					2.02		5.40	5.40	11,492					
2		1	Overpass	Interior	Other - Phase estimate CF and FLH	Cooling Space	34	F44L1	188	0.33	NONE		34	F44L1	112	0.83	NONE					2.58		80%	80%	34%	12%					2.77		5.40	5.40	15,892					
3		1	Office	Interior	Other - Phase estimate CF and FLH	Cooling Space	28	F207H	277	1.68	NONE		28	F44L1	112	3.14	NONE					3.80		80%	80%	34%	12%					3.80		5.40	5.40	21,884					
4		1	Office	Interior	Other - Phase estimate CF and FLH	Cooling Space	80	F411H	57	4.58	NONE		80	F411L	31	2.48	NONE					2.03		80%	80%	34%	12%					2.03		5.40	5.40	12,750					
5		1	Office	Interior	Other - Phase estimate CF and FLH	Cooling Space	8	L201-L	85	0.15	NONE		8	FL100L	5	0.04	NONE							100%	100%	34%	12%					0.15		5.40	5.40	5,780			3,127		
6		1	Lobby Nooks	Interior	Other - Phase estimate CF and FLH	Cooling Space	93	F420H	86	0.74	NONE		93	F401L	59	5.49	NONE					0.26		80%	80%	34%	12%					0.49		5.40	5.40	19,905					
7			Reception	Interior	Other - Phase estimate CF and FLH	Cooling Space	8		127	1.05	NONE		8	F411L	25	0.21	NONE					0.81		80%	80%	34%	12%					0.87		5.40	5.40	5,881					
8											NONE						NONE																								
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Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	87,725
Total Change in Connected Load	14.27

Annual Estimated Cost Savings	\$8,772.50
Annual Operating Hours	5,931

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$4,327.40
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$0.00
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$80.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$4,407.40
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	290
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	8
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

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Demand Savings (For Internal Use Only)	15.33
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Lighting Inventory Form

Applicant Name:	City of Lakewood
Facility Name:	Youth Services
Date:	

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the Nonstandard Lighting form.

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[illegible]

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	10,023
Total Change in Connected Load	2.49

Annual Estimated Cost Savings	\$1,002.30
Annual Operating Hours	4,500

Interior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$464.35
Exterior Lighting Incentive @ \$0.05/kWh (excluding retrofit CFLs, sensors, or LED exit signs)	\$0.00
Total retrofit CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all retrofit CFLs, both interior and exterior)	\$0.00
Total retrofit LED Exit Incentive @ \$10/exit sign	\$50.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$514.35
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Total Fixture Quantity excluding retrofit CFLs and LED Exit Sign	35
Total Lamp Quantity for retrofit Screw-In CFLs	0
Total Lamp Quantity for retrofit Hard-Wired CFLs	0
Total Fixture Quantity for retrofit LED Exit Signs	5
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) and applicant equivalent full-load hours (EFLH) for facility type "Other" indicated on the Lighting Form tab

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Demand Savings (For Internal Use Only)	2.82
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Mercantile Customer Project Commitment Agreement
Cash Rebate Option

THIS MERCANTILE CUSTOMER PROJECT COMMITMENT AGREEMENT ("Agreement") is made and entered into by and between The Cleveland Electric Illuminating Company, its successors and assigns (hereinafter called the "Company") and City of Lakewood, Taxpayer ID No. 34-6001633 its permitted successors and assigns (hereinafter called the "Customer") (collectively the "Parties" or individually the "Party") and is effective on the date last executed by the Parties as indicated below.

WITNESSETH

WHEREAS, the Company is an electric distribution utility and electric light company, as both of these terms are defined in R.C. § 4928.01(A); and

WHEREAS, Customer is a mercantile customer, as that term is defined in R.C. § 4928.01(A)(19), doing business within the Company's certified service territory; and

WHEREAS, R.C. § 4928.66 (the "Statute") requires the Company to meet certain energy efficiency and peak demand reduction ("EE&PDR") benchmarks; and

WHEREAS, when complying with certain EE&PDR benchmarks the Company may include the effects of mercantile customer-sited EE&PDR projects; and

WHEREAS, Customer has certain customer-sited demand reduction, demand response, or energy efficiency project(s) as set forth in attached Exhibit 1 (the "Customer Energy Project(s)") that it desires to commit to the Company for integration into the Company's Energy Efficiency & Peak Demand Reduction Program Portfolio Plan ("Company Plan") that the Company will implement in order to comply with the Statute; and

WHEREAS, the Customer, pursuant to the Public Utilities Commission of Ohio's ("Commission") September 15, 2010 Order in Case No. 10-834-EL-EEC, desires to pursue a cash rebate of some of the costs pertaining to its Customer Energy Project(s) ("Cash Rebate") and is committing the Customer Energy Project(s) as a result of such incentive.

WHEREAS, Customer's decision to commit its Customer Energy Project(s) to the Company for inclusion in the Company Plan has been reasonably encouraged by the possibility of a Cash Rebate.

WHEREAS, in consideration of, and upon receipt of, said cash rebate, Customer will commit the Customer Energy Project(s) to the Company and will comply with all other terms and conditions set forth herein.

NOW THEREFORE, in consideration of the mutual promises set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties, intending to be legally bound, do hereby agree as follows:

1. **Customer Energy Projects.** Customer hereby commits to the Company and Company accepts for integration into the Company Plan the Customer Energy Project(s) set forth on attached Exhibit 1. Said commitment shall be for the life of the Customer Energy Project(s). Company will incorporate said project(s) into the Company Plan to the extent that such projects qualify. In so committing, and as evidenced by the affidavit attached hereto as Exhibit A, Customer acknowledges that the information provided to the Company about the Customer Energy Project(s) is true and accurate to the best of its knowledge.

- a. By committing the Customer Energy Project(s) to the Company, Customer acknowledges and agrees that the Company shall control the use of the kWh and/or kW reductions resulting from said projects for purposes of complying with the Statute. By committing the Customer Energy Project(s), Customer further acknowledges and agrees that the Company shall take ownership of the energy efficiency capacity rights associated with said Project(s) and shall, at its sole discretion, aggregate said capacity into the PJM market through an auction. Any proceeds from any such bids accepted by PJM will be used to offset the costs charged to the Customer and other of the Company's customers for compliance with state mandated energy efficiency and/or peak demand requirements
 - b. The Company acknowledges that some of Customer's Energy Projects contemplated in this paragraph may have been performed under certain other federal and/or state programs in which certain parameters are required to be maintained in order to retain preferential financing or other government benefits (individually and collectively, as appropriate, "Benefits"). In the event that the use of any such project by the Company in any way affects such Benefits, and upon written request from the Customer, Company will release said Customer's Energy Project(s) to the extent necessary for Customer to meet the prerequisites for such Benefits. Customer acknowledges that such release (i) may affect Customer's cash rebate discussed in Article 3 below; and (ii) will not affect any of Customer's other requirements or obligations.
 - c. Any future Customer Energy Project(s) committed by Customer shall be subject to a separate application and, upon approval by the Commission, said projects shall become part of this Agreement.
 - d. Customer will provide Company or Company's agent(s) with reasonable assistance in the preparation of the Commission's standard joint application for approval of this Agreement ("Joint Application") that will be filed with the Commission, with such Joint Application being consistent with then current Commission requirements.
 - e. Upon written request and reasonable advance notice, Customer will grant employees or authorized agents of either the Company or the Commission reasonable, pre-arranged access to the Customer Energy Project(s) for purposes of measuring and verifying energy savings and/or peak demand reductions resulting from the Customer Energy Project(s). It is expressly agreed that consultants of either the Company or the Commission are their respective authorized agents.
2. **Joint Application to the Commission.** The Parties will submit the Joint Application using the Commission's standard "Application to Commit Energy Efficiency/Peak Demand Reduction Programs" ("Joint Application") in which they will seek the Commission's approval of (i) this Agreement; (ii) the commitment of the Customer Energy Project(s) for inclusion in the Company Plan; and (iii) the Customer's Cash Rebate.

The Joint Application shall include all information as set forth in the Commission's standard form which, includes without limitation:

- i. A narrative description of the Customer Energy Project(s), including but not limited to, make, model and year of any installed and/or replaced equipment;
- ii. A copy of this Agreement; and
- iii. A description of all methodologies, protocols, and practices used or proposed to be used in measuring and verifying program results.

3. **Customer Cash Rebate.** Upon Commission approval of the Joint Application, Customer shall provide Company with a W-9 tax form, which shall at a minimum include Customer's tax identification number. Within the greater of 90 days of the Commission's approval of the Joint Application or the completion of the Customer Energy Project, the Company will issue to the Customer the Cash Rebate in the amount set forth in the Commission's Finding and Order approving the Joint Application.
 - a. Customer acknowledges: i) that the Company will cap the Cash Rebate at the lesser of 50% of Customer Energy Project(s) costs or \$250,000; ii) the maximum rebate that the Customer may receive per year is \$500,000 per Taxpayer Identification Number per utility service territory; and iii) if the Customer Energy Project qualifies for a rebate program approved by the Commission and offered by the Company, Customer may still elect to file such project under the Company's mercantile customer self direct program, however the Cash Rebate that will be paid shall be discounted by 25%; and
 - b. Customer acknowledges that breaches of this Agreement, include, but are not limited to:
 - i. Customer's failure to comply with the terms and conditions set forth in the Agreement, or its equivalent, within a reasonable period of time after receipt of written notice of such non-compliance;
 - ii. Customer knowingly falsifying any documents provided to the Company or the Commission in connection with this Agreement or the Joint Application.
 - c. In the event of a breach of this Agreement by the Customer, Customer agrees and acknowledges that it will repay to the Company, within 90 days of receipt of written notice of said breach, the full amount of the Cash Rebate paid under this Agreement. This remedy is in addition to any and all other remedies available to the Company by law or equity.
4. **Termination of Agreement.** This Agreement shall automatically terminate:
 - a. If the Commission fails to approve the Joint Agreement;
 - b. Upon order of the Commission; or
 - c. At the end of the life of the last Customer Energy Project subject to this Agreement.

Customer shall also have an option to terminate this Agreement should the Commission not approve the Customer's Cash Rebate, provided that Customer provides the Company with written notice of such termination within ten days of either the Commission issuing a final appealable order or the Ohio Supreme Court issuing its opinion should the matter be appealed.

5. **Confidentiality.** Each Party shall hold in confidence and not release or disclose to any person any document or information furnished by the other Party in connection with this Agreement that is designated as confidential and proprietary ("Confidential Information"), unless: (i) compelled to disclose such document or information by judicial, regulatory or administrative process or other provisions of law; (ii) such document or information is generally available to the public; or (iii) such document or information was available to the receiving Party on a non-confidential basis at the time of disclosure.
 - a. Notwithstanding the above, a Party may disclose to its employees, directors, attorneys, consultants and agents all documents and information furnished by the other Party in connection with this Agreement, provided that such employees, directors, attorneys,

consultants and agents have been advised of the confidential nature of this information and through such disclosure are deemed to be bound by the terms set forth herein.

- b. A Party receiving such Confidential Information shall protect it with the same standard of care as its own confidential or proprietary information.
 - c. A Party receiving notice or otherwise concluding that Confidential Information furnished by the other Party in connection with this Agreement is being sought under any provision of law, to the extent it is permitted to do so under any applicable law, shall endeavor to: (i) promptly notify the other Party; and (ii) use reasonable efforts in cooperation with the other Party to seek confidential treatment of such Confidential Information, including without limitation, the filing of such information under a valid protective order.
 - d. By executing this Agreement, Customer hereby acknowledges and agrees that Company may disclose to the Commission or its Staff any and all Customer information, including Confidential Information, related to a Customer Energy Project, provided that Company uses reasonable efforts to seek confidential treatment of the same.
6. **Taxes.** Customer shall be responsible for all tax consequences (if any) arising from the payment of the Cash Rebate.
7. **Notices.** Unless otherwise stated herein, all notices, demands or requests required or permitted under this Agreement must be in writing and must be delivered or sent by overnight express mail, courier service, electronic mail or facsimile transmission addressed as follows:

If to the Company:

FirstEnergy Service Company
76 South Main Street
Akron, OH 44308
Attn: Victoria Nofziger
Telephone: 330-384-4684
Fax: 330-761-4281
Email: ymnofziger@firstenergycorp.com

If to the Customer:

City of Lakewood
12650 Detroit Road
Lakewood, OH 44107
Attn: Joe Beno
Telephone: 216-529-6804
Fax:
Email: joe.beno@lakewoodoh.net

or to such other person at such other address as a Party may designate by like notice to the other Party. Notice received after the close of the business day will be deemed received on the next business day; provided that notice by facsimile transmission will be deemed to have been received by the recipient if the recipient confirms receipt telephonically or in writing.

8. **Authority to Act.** The Parties represent and warrant that they are represented by counsel in connection with this Agreement, have been fully advised in connection with the execution thereof, have taken all legal and corporate steps necessary to enter into this Agreement, and that the undersigned has the authority to enter into this Agreement, to bind the Parties to all provisions herein and to take the actions required to be performed in fulfillment of the undertakings contained herein.
9. **Non-Waiver.** The delay or failure of either party to assert or enforce in any instance strict performance of any of the terms of this Agreement or to exercise any rights hereunder conferred, shall not be construed as a waiver or relinquishment to any extent of its rights to assert or rely upon such terms or rights at any later time or on any future occasion.
10. **Entire Agreement.** This Agreement, along with related exhibits, and the Company's Rider DSE, or its equivalent, as amended from time to time by the Commission, contains the Parties' entire understanding with respect to the matters addressed herein and there are no verbal or collateral representations, undertakings, or agreements not expressly set forth herein. No change in, addition to, or waiver of the terms of this Agreement shall be binding upon any of the Parties unless the same is set forth in writing and signed by an authorized representative of each of the Parties. In the event of any conflict between Rider DSE or its equivalent and this document, the latter shall prevail.
11. **Assignment.** Customer may not assign any of its rights or obligations under this Agreement without obtaining the prior written consent of the Company, which consent will not be unreasonably withheld. No assignment of this Agreement will relieve the assigning Party of any of its obligations under this Agreement until such obligations have been assumed by the assignee and all necessary consents have been obtained.
12. **Severability.** If any portion of this Agreement is held invalid, the Parties agree that such invalidity shall not affect the validity of the remaining portions of this Agreement, and the Parties further agree to substitute for the invalid portion a valid provision that most closely approximates the economic effect and intent of the invalid provision.
13. **Governing Law.** This Agreement shall be governed by the laws and regulations of the State of Ohio, without regard to its conflict of law provisions.
14. **Execution and Counterparts.** This Agreement may be executed in multiple counterparts, which taken together shall constitute an original without the necessity of all parties signing the same page or the same documents, and may be executed by signatures to electronically or telephonically transmitted counterparts in lieu of original printed or photocopied documents. Signatures transmitted by facsimile shall be considered original signatures.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized officers or representatives as of the day and year set forth below.

The Cleveland Electric Illuminating Company_
(Company)

By: [Signature]

Title: V.P. Of Energy Efficiency

Date: 3-19-13

City of Lakewood

(Customer)
By: [Signature]

Title: Director of Public Works

Date: 11/29/12

Approved As To Legal Form:
[Signature]
Director of Law, City of Lakewood

Affidavit of City of Lakewood – Exhibit A

STATE OF OHIO)
) SS:
COUNTY OF Cuyahoga)

I, Enter Name ,being first duly sworn in accordance with law, deposes and states as follows:

1. I am the Title of City of Lakewood ("Customer") As part of my duties, I oversee energy related matters for the Customer.
2. The Customer has agreed to commit certain energy efficiency projects to
The Cleveland Electric Illuminating Company ("Company"), which are the subject of the agreement to which this affidavit is attached ("Project(s)").
3. In exchange for making such a commitment, the Company has agreed to provide Customer with Cash ("Incentive"). This Incentive was a critical factor in the Customer's decision to go forward with the Project(s) and to commit the Project(s) to the Company.
4. All information related to said Project(s) that has been submitted to the Company is true and accurate to the best of my knowledge.

FURTHER AFFIANT SAYETH NAUGHT.

Joseph B...

Sworn to before me and subscribed in my presence this 24 day of Nov, 2012.

COLLEEN A. GILLESPIE
Notary Public, State of Ohio
My Commission Expires June 9, 2014
(Recorded in Cuyahoga County)

Colleen Gillespie
Notary

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

3/27/2013 1:27:38 PM

in

Case No(s). 13-0183-EL-EEC

Summary: Application to Commit Energy Efficiency/Peak Demand Reduction Programs of The Cleveland Electric Illuminating Company and City of Lakewood electronically filed by Ms. Jennifer M. Sybyl on behalf of The Cleveland Electric Illuminating Company and City of Lakewood