

ORDINANCE NO. 24-061

AN ORDINANCE AUTHORIZING AND DIRECTING THE CITY MANAGER TO ENTER INTO AN AGREEMENT WITH AMERESCO INC. OF WORTHINGTON, OHIO, FOR THE IMPLEMENTATION OF THE LED LIGHTING PROJECT RELATING TO THE ENERGY EFFICIENCY PROGRAM FOR OHIO COMMUNITIES GRANT THROUGH THE OHIO DEPARTMENT OF DEVELOPMENT FOR ENERGY CONSERVATION & FACILITY IMPROVEMENT MEASURES FOR CERTAIN CITY BUILDINGS; AND DECLARING THAT THIS ORDINANCE SHALL TAKE IMMEDIATE EFFECT IN ACCORDANCE WITH SECTION 14 OF THE CITY CHARTER.

WHEREAS, the U.S. Department of Energy (DOE) through the Infrastructure Investment and Jobs Act (IIJA) allocated \$13,295,590 in funds to the State of Ohio and of these funds, \$8,000,000 will be used to provide energy efficiency upgrades across the State of Ohio to help local governments realize energy savings in their facilities; and

WHEREAS, the IIJA Energy Efficiency Program for Ohio Communities (EEPOC) is being administered by the Ohio Department of Development (Development), Office of Energy and Environment (OEE); and

WHEREAS, the City Commission approved a Letter of Intent with Ameresco Inc. of Worthington, Ohio, for services relating to securing an Energy Efficient Program for Ohio Communities Grant through the Department of Development for energy conservation and facility improvement measures for certain City buildings by Ordinance No. 23-204, passed on October 9, 2023, and subsequently the City was awarded grant funds in the amount of \$250,000.00; and

WHEREAS, in the event Ameresco INC. was successful in securing the grant on behalf of the City, it was agreed that the City would partner with Ameresco INC. on implementation of the LED Lighting Project, and the Scope of Services is more fully described in Exhibit "A" which is attached to this Ordinance and specifically incorporated herein; and

WHEREAS, the cost of the project is not to exceed \$260,880.00 of which \$250,000.00 will be reimbursed through the State of Ohio and the remaining \$10,880.00 will be paid with Capital Projects Fund; and

WHEREAS, this Ordinance should be passed as an emergency measure under suspension of the rules in accordance with Section 14 of the City Charter in order to immediately execute the agreement in order for the project to be completed by the end of calendar year 2024; and

WHEREAS, in that it is deemed necessary in order to provide for the immediate preservation of the public peace, property, health, and safety of the City of Sandusky, Ohio, and its citizens, and to provide for the efficient daily operation of the Municipal Departments of the City of Sandusky, Ohio, the City Commission of the City of Sandusky, Ohio finds that an emergency exists regarding the aforesaid, and that it is advisable that this **Ordinance** be declared an emergency measure which will take immediate effect in accordance with Section 14 of the City Charter upon its adoption; and NOW, THEREFORE,

BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF SANDUSKY, OHIO,

THAT:

Section 1. This City Commission authorizes and directs the City Manager to enter into an Agreement with Ameresco INC. of Worthington, Ohio, for services relating to the Energy Efficiency Program for Ohio Communities grant through the Ohio Department of Development for the LED Lighting Project, substantially in the same form as Exhibit "1", a copy of which is attached to this Ordinance and is specifically incorporated as if fully rewritten herein, together with such revisions or additions as are approved by the Law Director as not being adverse to the City and as being consistent with carrying out the terms of this Ordinance.

Section 2. If any section, phrase, sentence, or portion of this Ordinance is for any reason held invalid or unconstitutional by any Court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision, and such holding shall not affect the validity of the remaining portions thereof.

Section 3. This City Commission finds and determines that all formal actions of this City Commission concerning and relating to the passage of this Ordinance were taken in an open meeting of this City Commission and that all deliberations of this City's Commission and any of its committees that resulted in those formal actions were in meetings open to the public, in compliance with all legal requirements.

Section 4. That for the reasons set forth in the preamble hereto, this Ordinance is hereby declared to be an emergency measure which shall take immediate effect in accordance with Section 14 of the City Charter after its adoption and due authentication by the President and the Clerk of the City Commission of the City of Sandusky, Ohio.



RICHARD R. BRADY
PRESIDENT OF THE CITY COMMISSION



ATTEST:

CATHLEEN A. MYERS
CLERK OF THE CITY COMMISSION

Passed: March 11, 2024



Proposal

March 5, 2024

Project: Grant LED Lighting Project

To: City of Sandusky, Ohio

This letter (“Agreement”) outlines the scope of work, fees, and terms and conditions associated with the grant award that Ameresco (“Teaming Partner”) helped secure on behalf of the City of Sandusky (“Client”). This funding has been allocated through Ohio’s Energy Efficiency Program for Communities (EEPOC) to bolster energy efficiency retrofit upgrades in existing buildings throughout the state. The objective of this project is to reduce operations, maintenance, and energy costs by installing a new LED lighting system as described in the scope of work below. The overall project cost is \$260,880, with \$250,000 being covered by the Ohio Department of Development grant award approved on February 22, 2024.

Scope of Work

Ameresco was provided with light count and proposed solutions for SFD#1, SFD#3, SFD#7, Greenhouse, Shoreline and Service Center. Ameresco Audited Existing Interior and Exterior LED lighting at the following site locations: Lion Park, Mills Golf Club, Jaycee South Park, Jaycee North Park, Marina and Shelby Boat Ramp. Detailed Scope ‘Room by Room’ can be provided on request.

Ameresco will match proposed new fixture solutions proposed. All identified non-LED exterior fixtures to be upgraded with new LED Fixtures. Pricing includes Prevailing Wages. Final Solutions are subject change based on application and availability. Excludes lens, electrical repair/replacements and/or emergency egress lighting modification. Detailed Scope of Work provided in Exhibit A.

| Energy Conservation & Facility Improvement Measures | Measure Investment | | Annual Savings | | | Simple Payback (years) |
|---|--------------------|-------------------|------------------|-----------------|------------------|------------------------|
| | Min (w/rebate) | Max (w/rebate) | Utility | O&M | Total | |
| 1 SFD 7 | \$ 6,890 | \$ 8,026 | \$ 846 | \$ 254 | \$ 1,099 | 6.3 - 7.3 |
| 2 Greenhouse | \$ 8,079 | \$ 9,411 | \$ 434 | \$ 130 | \$ 564 | 14.3 - 16.7 |
| 3 Shoreline | \$ 18,789 | \$ 21,888 | \$ 3,580 | \$ 1,074 | \$ 4,654 | 4.0 - 4.7 |
| 4 SFD 1 | \$ 40,606 | \$ 47,304 | \$ 6,299 | \$ 1,890 | \$ 8,189 | 5.0 - 5.8 |
| 5 SFD 3 | \$ 17,155 | \$ 19,985 | \$ 1,824 | \$ 547 | \$ 2,371 | 7.2 - 8.4 |
| 6 Service Center | \$ 119,408 | \$ 139,104 | \$ 5,330 | \$ 1,599 | \$ 6,929 | 17.2 - 20.1 |
| 7 Lion Park | \$ 7,448 | \$ 8,677 | \$ 800 | \$ 240 | \$ 1,040 | 7.2 - 8.3 |
| 8 Mills Creek Golf Club | \$ 14,291 | \$ 16,649 | \$ 975 | \$ 292 | \$ 1,267 | 11.3 - 13.1 |
| 9 Jaycee North Park | \$ 16,668 | \$ 19,418 | \$ 2,948 | \$ 884 | \$ 3,833 | 4.3 - 5.1 |
| 10 Marina | \$ 7,734 | \$ 9,010 | \$ 291 | \$ 87 | \$ 378 | 20.5 - 23.8 |
| Total | \$ 223,941 | \$ 260,880 | \$ 18,100 | \$ 5,430 | \$ 23,531 | 9.5 - 11.1 |
| State Grant Offset | \$ (250,000) | \$ (250,000) | \$ - | \$ - | \$ - | - |
| Net Total | \$ (26,059) | \$ 10,880 | \$ 18,100 | \$ 5,430 | \$ 23,531 | -1.1 - 0.5 |

Inclusions

- 1 Year Labor Warranty

Exclusions

- DDC Control Integration
- Excludes lens, electrical repair/replacements
- Emergency egress lighting modification,
- Asbestos abatement
- Taxes
- No provisions have been added for dust portioning, patching or painting.

Cost Breakdown

| | |
|---|--------------------|
| Total Contract Value | \$260,880 |
| 25% up-front; paid upon execution of this agreement | \$65,220 |
| 25% upon work beginning on-site | \$65,220 |
| 25% at 50% project completion | \$65,220 |
| 25% upon project completion and Client sign-off | \$65,220 |
| State Grant Offset | (\$250,000) |
| Net Project Cost to Client | \$10,880 |

The Contract Amount is the gross amount and does not include deductions for grants and/or rebates. Ameresco has already applied for and secured two \$250,000 energy grant for this project on the behalf of the City of Sandusky, Ohio. All rebates and grants will go back to the CLIENT.

Sincerely,
 Alexandra Yanesh
 Senior Project Developer

**** This price is only valid for 30 days from the date of the proposal. ****

Intent to Proceed

City of Sandusky
 Name: _____

Ameresco Inc.
 Name: _____

Date: _____

Date: _____

Signature: _____

Signature: _____



Article 1—These Terms and Conditions are incorporated into the Agreement between the Parties (collectively, the “Agreement”). CLIENT engages AMERESCO and AMERESCO accepts the engagement to perform the scope of work described in this Agreement and any attachments (the “Work”). AMERESCO will provide the design, procurement, construction supervision, inspection, labor, materials, tools, equipment, and other items necessary and reasonably inferable for the completion of the Work, and will substantially complete the Work by the date set forth in the Agreement (the “Contract Time”).

Article 2 - AMERESCO's Responsibilities

2.1 AMERESCO will procure drawings, specifications and other documents necessary to perform the Work and will pay for and secure any and all necessary permits, fees, licenses and inspections by government agencies necessary for the Work. CLIENT will assist in securing such permits, fees, licenses and inspections. All reports and drawings prepared for and deliverable to CLIENT under this Agreement (“Deliverables”) become CLIENT’s property upon full payment to AMERESCO. AMERESCO may retain file copies of such Deliverables. All other reports, notes, calculations, data, drawings, estimates, specifications, manuals, other documents and all computer programs, codes and computerized materials prepared by or for AMERESCO (“Instruments”) remain AMERESCO’s property. Upon execution of this Agreement, AMERESCO grants CLIENT a non-exclusive license to retain, use and make copies, of AMERESCO’s Instruments in connection with the CLIENT’s use and occupancy of the Project, provided that the CLIENT has paid to AMERESCO all amounts due and payable as of the date of AMERESCO’s cessation of performance.

2.2 AMERESCO is not responsible for the maintenance, repair or replacement of non-maintainable, non-replaceable, or obsolete parts of equipment already existing at the Facilities. Unless expressly agreed in writing, AMERESCO is not responsible for the removal or reinstallation of replacement valves, dampers, or waterflow and tamper switches with respect to pipes and ductwork, including vent or drain system. AMERESCO assumes no responsibility for any service performed on any equipment other than by AMERESCO or its agents.

2.3 At its option, AMERESCO may subcontract some or all of the Work or Services, but no contractual relationship will exist between CLIENT and any subcontractor. AMERESCO is responsible for the management of its subcontractors in their performance of their work.

Article 3 - CLIENT's Responsibilities

3.1 CLIENT, without cost to AMERESCO, shall **(a)** provide or arrange for, upon reasonable notice, access and make all reasonable provisions for AMERESCO to enter any site where Work is to be performed (the “Site”); **(b)** permit AMERESCO to control and operate all building controls, systems, apparatus, equipment and machinery necessary to perform the Work; **(c)** furnish AMERESCO with blueprints, surveys, legal descriptions, waste management plans and all other information pertinent to the Work and any Site where the Work is to be performed that are known to be existing and available to CLIENT; **(d)** cooperate with AMERESCO in obtaining permits and consents from government authorities and others as may be required by AMERESCO for performance of the Work so as not to affect the timelines set forth in this Agreement; **(e)** notify AMERESCO promptly of all known or suspected hazardous materials, asbestos or mold at the Site and any other conditions requiring special care; **(f)** provide AMERESCO with legally required materials and information (including but not limited to Material Safety Data Sheets) related to all hazardous materials located at any Site where the Work is to be performed; **(g)** furnish AMERESCO with any contingency plans, safety programs and other policies, plans or programs related to any Site where the Work is to be performed; **(h)** operate, service and maintain all equipment according to the manufacturer’s recommendations including those set forth in the manufacturer’s operating manuals or instructions, as well as all requirements of applicable law or of authorities having jurisdiction; and **(i)** promptly notify AMERESCO of all unusual or materially changed operating conditions, hours of usage, system malfunctions, installed equipment or building alterations that may affect the equipment or energy usage or any Services.

3.2 Customer acknowledges that the technical and pricing information contained in this Agreement is confidential and proprietary to AMERESCO and agrees not to disclose it or otherwise make it available to others without AMERESCO’s express written consent. This imposes no obligation upon CLIENT with respect to confidential information that: (a) the CLIENT can demonstrate was already in the CLIENT’s actual possession or knowledge and which CLIENT lawfully acquired other than from PLUG SMART/AMERESCO was; (b) is or becomes publicly available through no fault, action, omission or intervention of CLIENT; (c) is received by CLIENT from a third party without a duty of confidentiality (express or implied) owed to PLUG SMART/AMERESCO; (d) is independently developed by CLIENT without a breach of this Agreement; (e) is disclosed by CLIENT with the PLUG SMART/AMERESCO’s prior written approval; or (f) is required to be disclosed by operation of law, court order or other governmental demand.

Article 4 - Changes and Delays

4.1 As the Work is performed, conditions may change or circumstances outside AMERESCO’s reasonable control (including changes of law) may develop which would require AMERESCO to expend additional costs, effort or time to complete the Work, in which case AMERESCO will submit a request for an equitable adjustment in the Contract Price, the Contract Time, or in both.

4.2 If conditions are encountered at the jobsite that are (1) subsurface or otherwise concealed physical conditions which differ materially from those indicated in the Agreement, or (2) unknown physical conditions of an unusual nature, which differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for in this Agreement, then written notice by AMERESCO shall be given to CLIENT promptly before conditions are disturbed and in no event later than 21 days after first observance of the conditions. If requested, an equitable adjustment to Contract Price and Contract Time shall be made by a change order. If agreement cannot be reached by the Parties within 10 days, AMERESCO may assert a claim for an equitable adjustment in the Contract Price or Contract Time or both. Failure to properly submit written notice of such conditions within the time required represents an irrevocable waiver of AMERESCO’s right to assert a claim for an increase in the Contract Price or Contract Time.

4.3 AMERESCO shall not be responsible for loss, delay, injury, damage or failure of performance that may be caused by circumstances beyond its control, including but not restricted to acts or omissions by Customer or its employees, agents or contractors, Acts of God, war, civil commotion, acts or omissions of government authorities, fire, theft, corrosion, flood, water damage, lightning, freeze-ups, strikes, lockouts, differences with workmen, riots, explosions, quarantine restrictions, delays in transportation, or shortage of vehicles, fuel, labor or materials. In the event of such delay or failure, the time for performance shall be extended by a period equal to the time lost plus a reasonable recovery period and the compensation shall be equitably adjusted for additional costs AMERESCO incurs due to such delay.

Article 5 – Compensation

5.1 CLIENT shall pay AMERESCO the Contract Price identified on the Agreement within 30 days of CLIENT’s receipt of AMERESCO’s invoice. Payments shall be made on account of materials and equipment delivered and suitably stored at the Site for subsequent incorporation in the Work. Off-Site storage of

materials is permitted. Upon final completion of the Work, AMERESCO shall submit to CLIENT a final invoice of all remaining sums. Payment of the final payment shall be made within 30 days after CLIENT's receipt of the final Application for Payment.

5.2 Except to the extent expressly agreed in writing, AMERESCO's fees do not include any taxes, excises, fees, duties or other government charges related to the Work, and Customer shall pay such amounts or reimburse AMERESCO for any amounts it pays. If Customer claims a tax exemption or direct payment permit, it shall provide AMERESCO with a valid exemption certificate or permit.

Article 6 – Insurance

6.1 CLIENT and AMERESCO will maintain, at its own expense, property insurance written on a builder's risk "all-risk" or equivalent policy form in the amount of the initial Contract Price, plus the value of subsequent modifications and cost of materials supplied or installed by others, on a replacement cost basis without optional deductibles. Such property insurance shall be maintained until final payment has been made to AMERESCO.

6.2 Risk of loss of materials and Equipment furnished by AMERESCO shall pass to Customer upon delivery to Customer's premises, and Customer shall be responsible for protecting and insuring them against theft and damage.

6.3 ANYTHING HEREIN NOTWITHSTANDING, IN NO EVENT SHALL AMERESCO BE RESPONSIBLE UNDER THIS AGREEMENT FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, EXEMPLARY OR SPECIAL DAMAGES, INCLUDING WITHOUT LIMITATION LOST PROFITS, LOSS OF USE AND/OR LOST BUSINESS OPPORTUNITIES, WHETHER ARISING IN WARRANTY, LATE OR NON-DELIVERY OF ANY WORK, TORT, CONTRACT OR STRICT LIABILITY, AND REGARDLESS OF WHETHER CUSTOMER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND, IN ANY EVENT, AMERESCO'S AGGREGATE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES OR EXPENSES (INCLUDING ATTORNEYS FEES) ARISING OUT OF THIS AGREEMENT, OR OUT OF ANY WORK FURNISHED UNDER THIS AGREEMENT, WHETHER BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, AGENCY, WARRANTY, TRESPASS, INDEMNITY OR ANY OTHER THEORY OF LIABILITY, SHALL BE LIMITED TO THE LESSER OF \$1,000,000 OR THE TOTAL COMPENSATION RECEIVED BY AMERESCO FROM CUSTOMER UNDER THIS AGREEMENT. AMERESCO reserves the right to control the defense and settlement of any claim for which AMERESCO has an obligation to indemnify hereunder. The parties acknowledge that the price which AMERESCO has agreed to perform its Work and obligations under this Agreement is calculated based upon the foregoing limitations of liability, and that AMERESCO has expressly relied on, and would not have entered into this Agreement but for such limitations of liability.

Article 7 - Hazardous Material Provisions

7.1 The Work does not include directly or indirectly performing or arranging for the detection, monitoring, handling, storage, removal, transportation, disposal or treatment of Oil or Hazardous Materials. Except as disclosed pursuant to Section 7.3, Customer represents that there is no asbestos or any other hazardous or toxic materials, as defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, the regulations promulgated thereunder, and other applicable federal, state or local law ("Hazardous Materials"), present at Customer's locations where Work is performed. AMERESCO will notify Customer immediately if it discovers or suspects the presence of any Hazardous Material. All Work has been priced and agreed to by AMERESCO in reliance on Customer's representations as set forth in this Section 7.1. The presence of Hazardous Materials constitutes a change in the Proposed Solution equivalent to a change order whose terms must be agreed to by AMERESCO before its obligations hereunder will continue.

7.2 Customer shall be solely responsible for testing, abating, encapsulating, removing, remediating or neutralizing such Hazardous Materials, and for the costs thereof. Even if an appropriate change order has been entered into pursuant to Section 7.1 above, AMERESCO will continue to have the right to stop the Work until the job site is free from Hazardous Materials. In such event, AMERESCO will receive an equitable extension of time to complete its Work, and compensation for delays caused by Hazardous Materials remediation. In no event shall AMERESCO be required or construed to take title, ownership or responsibility for such Oil or Hazardous Materials. Customer shall sign any required waste manifests in conformance with all government regulations, listing Customer as the generator of the waste.

7.3 Customer warrants that, prior to the execution of the Agreement, it has notified AMERESCO in writing of any and all Hazardous Materials present, potentially present or likely to become present at Customer's locations and has provided a copy of any jobsite safety policies, including but not limited to lock-out and tag procedures, laboratory procedures, chemical hygiene plan, material safety

Article 8 – Warranty

8.1 CLIENT shall have good and clear title to all equipment and material furnished to CLIENT pursuant to this Agreement (except licensed software, which shall be governed exclusively by the terms and conditions of the Software License Agreement), free and clear of liens and encumbrances.

8.2 In addition to the warranty and guarantee set forth in the Installation Contract, AMERESCO shall assign to CLIENT any and all manufacturers and/or installer's warranties for equipment or material provided as part of the Work, to the extent that such third-party warranties are assignable. Prior to installing material and/or equipment which is subject to a manufacturer's warranty, AMERESCO shall provide a copy of the warranty to the CLIENT

8.3 The warranties and guarantees set forth in the Installation Contract will be void as to, and shall not apply to, any Equipment (i) improperly repaired, altered or installed except when such improper repair, alteration or installation is performed by AMERESCO or its authorized representatives and Subcontractor; (ii) subjected to unreasonable or improper use or storage, used beyond rated conditions, operated other than per AMERESCO's or the manufacturer's instructions, or otherwise subjected to improper maintenance, negligence or accident; (iii) damaged because of any use of the Equipment after CLIENT has, or should have, knowledge of any defect in the Equipment. AMERESCO assigns to CLIENT, without recourse, any and all assignable warranties available from any manufacturer, supplier, or Subcontractor of such Equipment.

8.4 Any claim under the warranty granted in the Installation Contract must be made per the terms of the Installation Contract. Such warranty only extends to CLIENT and not to any subsequent owner of the Equipment.

8.5 It is understood and agreed that the warranties and guarantees as provided in the Installation Contract are the sole warranties and guarantees provided by AMERESCO and are given in lieu of any other express or implied warranties, including any and all warranties that are not provided by AMERESCO in this Agreement.

8.6 AMERESCO will provide all necessary reporting and documentation to meet the BABA and Davis Bacon guidelines outlined by the [Ohio Department of Development for the Infrastructure Investment And Jobs Act Energy Efficiency Program For Ohio Communities](#) (including exemptions if applicable). In Addition, CLIENT will inform Ameresco if National Environmental Policy Act (NEPA), Historic Preservation, and Waste Stream Compliance are applicable.

Article 9 - Miscellaneous Provisions

9.1 Notices between the parties shall be in writing and shall be sent by overnight carrier or acknowledged email to the other party.

9.2 This Agreement shall be governed by the laws of the State of Ohio, and the parties agree to the exclusive jurisdiction of any state or federal court located in Erie County, Ohio.

9.3 A party's waiver of any breach of this Agreement does not waive any subsequent breach. All waivers must be in writing signed by the party to be bound.

9.4 This Agreement constitutes the complete agreement between the parties and supersedes all prior and contemporaneous negotiations, representations, agreements, awards, or proposals, either written or oral, relative to the same. Only a written instrument signed by both parties may modify this Agreement.

Article 10 – Termination. If CLIENT fails to make payments as they become due, or otherwise defaults or breaches its obligations under this Agreement, AMERESCO may give written notice to CLIENT of AMERESCO's intention to suspend or terminate this Agreement. If, within 15 days following receipt of such notice, CLIENT fails to make payments then due, or otherwise fails to cure or perform its obligations, AMERESCO may, by written notice to CLIENT, immediately terminate this Agreement and recover from CLIENT payment for Work executed.



Exhibit A

Greenhouse

| Rm # | Room | Description | Nom. Hrs/Yr | Notes | Fixture Code | Locale | Qty | Input Watts | Run Time (hrs/yr) | Solution | New Fixture Code | Qty | Input Watts | Run Time (hrs/yr) |
|------|---------------------|-------------|-------------|-------|---------------------------|----------|-----|-------------|-------------------|-------------|--------------------------|-----|-------------|-------------------|
| 1 | Garage | office | 3,200 | | FL 2 lamp f96 t8 | Interior | 2 | 172 | 3,200 | New Fixture | 8' 80w LED strip | 2 | 80 | 3,200 |
| 2 | Break Area / Boiler | office | 3,200 | | FL 1 Lamp t8 f96 | Interior | 3 | 86 | 3,200 | Retrofit | 4' 40w LED strip | 3 | 40 | 3,200 |
| 3 | Office | office | 3,200 | | FL 2x4 4 Lamp 32w | Interior | 1 | 128 | 3,200 | New Fixture | 40w LED flat panel | 1 | 40 | 3,200 |
| 4 | Greenhouse | greenhouse | 4,380 | | FL Grow Lights 54w t5 | Interior | 2 | 54 | 4,380 | Existing | | | | 4,380 |
| 4 | Greenhouse | greenhouse | 4,380 | | FL Grow Lights 54w t5 | Interior | 1 | 54 | 4,380 | Existing | | | | 4,380 |
| 4 | Greenhouse | greenhouse | 4,380 | | MH Grow Light 400w MH | Interior | 1 | 458 | 4,380 | Existing | | | | 4,380 |
| 5 | No name | office | 3,200 | | LED new 14.5w LED tubes | Interior | 58 | 29 | 3,200 | Existing | | | | 3,200 |
| 6 | Outside | exterior | 4,200 | | MH wall pack 175w | Exterior | 2 | 205 | 4,200 | New Fixture | 75w WP LED | 2 | 75 | 4,200 |
| 6 | Outside | exterior | 4,200 | | FL 2 lamp f96 t8 | Interior | 9 | 172 | 4,200 | New Fixture | 8' 80w LED strip | 9 | 80 | 4,200 |
| 6 | Outside | exterior | 4,200 | | Inc inc? 100w? Can light? | Exterior | 1 | 100 | 4,200 | New Fixture | retrofit? 24w? Need to c | 1 | 24 | 4,200 |

Service Center

| Rm # | Room | Description | Nom. Hrs/Yr | Locale | Tech | Mount | Fixture Code | Cover | Qty | Input Watts | Sensors Present | Run Time (hrs/yr) | Solution | New Fixture Code | Qty | Input Watts | Run Time (hrs/yr) |
|------|---------------|-------------|-------------|----------|------|------------|--|-----------------------------------|-----|-------------|-----------------|-------------------|-------------|------------------------|-----|-------------|-------------------|
| 1 | Cold Storage | storage | 500 | Interior | LED | [INTERIOR] | LED highbay 182w | | 25 | 182 | | 500 | Existing | | | | 500 |
| 2 | Cold storage | storage | 500 | Interior | FL | [INTERIOR] | 6L-F48-T8-28w | Highbay- Want CPHB 18LM MVOLT 40K | 8 | 150 | | 500 | New Fixture | High Bay as spec | 8 | 150 | 500 |
| 3 | no name | storage | 500 | Interior | FL | [INTERIOR] | 6L-F48-T8-28w | Highbay- Want CPHB 18LM MVOLT 40K | 20 | 150 | | 500 | New Fixture | High Bay as spec | 20 | 150 | 500 |
| 4 | Fleet | office | 3,200 | Interior | FL | [INTERIOR] | 6L-F48-T8-28w | Highbay- Want CPHB 18LM MVOLT 40K | 20 | 150 | | 3,200 | New Fixture | High Bay as spec | 20 | 150 | 3,200 |
| 4 | no name | office | 3,200 | Interior | FL | [INTERIOR] | 6L-F48-T8-28w | Highbay- Want CPHB 18LM MVOLT 40K | 20 | 150 | | 3,200 | New Fixture | High Bay as spec | 20 | 150 | 3,200 |
| 5 | no name | office | 3,200 | Interior | FL | [INTERIOR] | Strip 2L-F48-T8-28w- want LED Strip | \$60 for 30w | 16 | 56 | | 3,200 | New Fixture | LED strip 30w | 16 | 30 | 3,200 |
| 6 | Fleet | office | 3,200 | Interior | FL | [INTERIOR] | Strip 2L-F48-T8-28w- want LED Strip | \$60 for 30w | 16 | 56 | | 3,200 | New Fixture | LED strip 30w | 16 | 30 | 3,200 |
| 6 | Fleet | office | 3,200 | Interior | FL | Recessed | 3L-F48-T8-28w | 2x4 want color an watt selectable | 6 | 75 | | 3,200 | New Fixture | 2x4 LED flat panel 40w | 6 | 40 | 3,200 |
| 7 | Grounds | office | 3,200 | Interior | FL | [INTERIOR] | 6L-F48-T8-28w | Highbay- Want CPHB 18LM MVOLT 40K | 8 | 150 | | 3,200 | New Fixture | High Bay as spec | 8 | 150 | 3,200 |
| 7 | Grounds | office | 3,200 | Interior | FL | [INTERIOR] | Strip 2L-F48-T8-28w- want LED Strip | \$60 for 30w | 2 | 56 | | 3,200 | New Fixture | LED strip 30w | 2 | 30 | 3,200 |
| 7 | Grounds | office | 3,200 | Interior | FL | Recessed | 2L-F48-T8-28w | 2x4 | 5 | 50 | | 3,200 | New Fixture | 2x4 LED flat panel 30w | 5 | 30 | 3,200 |
| 8 | Forestry | office | 3,200 | Interior | FL | [INTERIOR] | 6L-F48-T8-28w | Highbay- Want CPHB 18LM MVOLT 40K | 6 | 150 | | 3,200 | New Fixture | High Bay as spec | 6 | 150 | 3,200 |
| 8 | Forestry | office | 3,200 | Interior | FL | Recessed | 2L-F48-T8-28w | 2x4 | 3 | 50 | | 3,200 | New Fixture | 2x4 LED flat panel 30w | 3 | 30 | 3,200 |
| 8 | Forestry | office | 3,200 | Interior | FL | [INTERIOR] | Strip 2L-F48-T8-28w- want LED Strip | \$60 for 30w | 2 | 56 | | 3,200 | New Fixture | LED strip 30w | 2 | 30 | 3,200 |
| 9 | Property | office | 3,200 | Interior | FL | [INTERIOR] | 6L-F48-T8-28w | Highbay- Want CPHB 18LM MVOLT 40K | 2 | 150 | | 3,200 | New Fixture | High Bay as spec | 2 | 150 | 3,200 |
| 9 | Property | office | 3,200 | Interior | FL | [INTERIOR] | Strip 2L-F48-T8-28w- want LED Strip | \$60 for 30w | 4 | 56 | | 3,200 | New Fixture | LED strip 30w | 4 | 30 | 3,200 |
| 10 | Weightroom RR | RR | 4,000 | Interior | FL | Recessed | 2L-F48-T8-28w | 2x4 | 45 | 50 | | 4,000 | New Fixture | 2x4 LED flat panel 30w | 45 | 30 | 4,000 |
| 11 | Street | office | 3,200 | Interior | FL | [INTERIOR] | 6L-F48-T8-28w | Highbay- Want CPHB 18LM MVOLT 40K | 16 | 150 | | 3,200 | New Fixture | High Bay as spec | 16 | 150 | 3,200 |
| 11 | Street | office | 3,200 | Interior | LED | [INTERIOR] | LED 20w | | 6 | 20 | | 3,200 | Existing | | | | 3,200 |
| 11 | Street | office | 3,200 | Exterior | LED | [EXTERIOR] | LED Wallpack 100w | | 9 | 100 | | 3,200 | Existing | | | | 3,200 |
| 11 | Street | office | 3,200 | Interior | FL | Recessed | 2L-F48-T8-28w | 2x4 | 10 | 50 | | 3,200 | New Fixture | 2x4 LED flat panel 30w | 10 | 30 | 3,200 |
| 12 | Traffic | office | 3,200 | Interior | FL | [INTERIOR] | 6L-F48-T8-28w | Highbay- Want CPHB 18LM MVOLT 40K | 13 | 150 | | 3,200 | New Fixture | High Bay as spec | 13 | 150 | 3,200 |
| 12 | Traffic | office | 3,200 | Interior | FL | Recessed | 2L-F48-T8-28w | 2x4 | 31 | 50 | | 3,200 | New Fixture | 2x4 LED flat panel 30w | 31 | 30 | 3,200 |
| 12 | Traffic | office | 3,200 | Interior | FL | [INTERIOR] | Strip 2L-F48-T8-28w- want LED Strip | \$60 for 30w | 4 | 56 | | 3,200 | New Fixture | LED strip 30w | 4 | 30 | 3,200 |
| 13 | Admin | office | 3,200 | Interior | FL | Recessed | 3L-F48-T8-28w | 2x4 | 30 | 75 | | 3,200 | New Fixture | 2x4 LED flat panel 40w | 30 | 40 | 3,200 |
| 13 | Admin | office | 3,200 | Interior | FL | [INTERIOR] | Strip 2L-F48-T8-28w- want LED Strip | \$60 for 30w | 5 | 56 | | 3,200 | New Fixture | LED strip 30w | 5 | 30 | 3,200 |
| 14 | Parking Lot | exterior | 4,200 | Exterior | LED | | Ex is 400w MH and needs to be replaced with KT LED45 HID 125w Corn Cob | | 8 | 458 | | 4,200 | Existing | | | | 4,200 |
| 15 | Exterior | exterior | 4,200 | Exterior | FL | | 2L-F48-T8-T127-40w? Vapor proof shop | | 4 | 80 | | 4,200 | New Fixture | LED strip 30w | 4 | 30 | 4,200 |
| 15 | Exterior | exterior | 4,200 | Exterior | FL | | Wall mount 2L-F48-T8? 32w? | | 4 | 64 | | 4,200 | New Fixture | LED Wallpack? 40w? | 4 | 40 | 4,200 |
| 15 | Exterior | exterior | 4,200 | Exterior | MH | | sq pole bronz (2) 400wMH area floods w/ SF mount each have PC | | 9 | 916 | | 4,200 | New Fixture | 2x 125w LED Flood w pt | 9 | 250 | 4,200 |
| 15 | Exterior | exterior | 4,200 | Exterior | MH | | old style WP bronz- high mount 400w MH? | | 2 | 458 | | 4,200 | New Fixture | 125w LED WP | 2 | 125 | 4,200 |

SFD 1

| Rm # | Room | Description | Nom. Hrs/Yr | Notes | Fixture Code | Locale | Tech | Fixture Code | Qty | Input Watts | Run Time (hrs/yr) | Solution | New Fixture Code | Qty | Input Watts | Run Time (hrs/yr) |
|------|--------|-------------|-------------|-------|--------------------------|----------|------|-----------------------|-----|-------------|-------------------|-------------|------------------------|-----|-------------|-------------------|
| 1 | Garage | fire dept | 6,570 | | FL 2Lamp t8 86w High Bay | Interior | FL | 2Lamp t8 86w High Bay | 22 | 172 | 6,570 | New Fixture | 8' strip 80w | 22 | 80 | 6,570 |
| 1 | Garage | fire dept | 6,570 | | | | | | 22 | 0 | 6,570 | 0 | 0 | 0 | 0 | 6,570 |
| 1 | Garage | fire dept | 6,570 | | FL 2lamp t8 28w | Interior | FL | 2lamp t8 28w | 14 | 56 | 6,570 | New Fixture | 4' strip 40w | 14 | 40 | 6,570 |
| 2 | Inside | fire dept | 6,570 | | FL 2x4 2 Lamp fixture | Interior | FL | 2x4 2 Lamp fixture | 90 | 112 | 6,570 | New Fixture | 2x4 LED flat panel 40w | 90 | 40 | 6,570 |
| 2 | Inside | fire dept | 6,570 | | FL 2 Lamp 28w | Interior | FL | 2 Lamp 28w | 8 | 56 | 6,570 | New Fixture | 4' strip 40w | 8 | 40 | 6,570 |
| End | End | End | End | End | End | End | End | End | End | End | End | End | End | End | End | End |

SFD 3

| Rm # | Room | Description | Nom. Hrs/Yr | Locale | Tech | Fixture Code | Qty | Input Watts | Run Time (hrs/yr) | Solution | New Fixture Code | Qty | Input Watts | Run Time (hrs/yr) |
|------|-------------|-------------|-------------|----------|------|-----------------|-----|-------------|-------------------|-------------|---|-----|-------------|-------------------|
| 1 | Garage | Fire Dept | 6,570 | Interior | FL | 2 lamp f96 t8 | 13 | 160 | 6,570 | New Fixture | LED strip 8' wide maybe 2 4 ft thet connect into each other | 13 | 80 | 6,570 |
| 1 | Garage | Fire Dept | 6,570 | Interior | FL | 2lamp t8 32w | 7 | 64 | 6,570 | New Fixture | LED strip 4' 40w | 7 | 40 | 6,570 |
| 1 | Garage | Fire Dept | 6,570 | Interior | FL | 2Lamp t12 f96 | 1 | 160 | 6,570 | New Fixture | LED strip 8' wide maybe 2 4 ft thet connect into each other | 1 | 80 | 6,570 |
| 2 | Living Area | Fire Dept | 6,570 | Interior | inc | can 100w | 6 | 100 | 6,570 | Retrofit | 6" LED Can retrofit 24w | 6 | 24 | 6,570 |
| 2 | Living Area | Fire Dept | 6,570 | Interior | FL | 2x4 fix | 2 | 128 | 6,570 | New Fixture | 2x4 LED Flat panel 40w | 2 | 40 | 6,570 |
| 3 | Outside | Exterior | 4,200 | exterior | MH | 175MH wall Pack | 8 | 195 | 4,200 | New Fixture | LED WP 80w | 8 | 80 | 4,200 |
| End | End | End | End | End | End | End | End | End | End | End | End | End | End | End |

Mills Creek Golf Club

| Rm # | Room | Description | Nom. Hrs/Yr | Locale | Tech | Fixture Code | Cover | Notes | Qty | Input Watts | Run Time (hrs/yr) | Solution | New Fixture Code | Qty | Input Watts | Run Time (hrs/yr) |
|------|---------------|-------------|-------------|----------|------|----------------------------------|-------------|-----------|-----|-------------|-------------------|-------------|-----------------------|-----|-------------|-------------------|
| 1 | Interior | office | 3,200 | Interior | FL | 2L-F48-T8-28w | shop | 2 are T12 | 3 | 50 | 3,200 | New Fixture | 4' LED strip 30w | 3 | 30 | 3,200 |
| 1 | Interior | office | 3,200 | Interior | FL | 3L-F48-T8-28w | recessed AC | | 7 | 75 | 3,200 | New Fixture | 2x4 LED flatpanel 40w | 7 | 40 | 3,200 |
| 1 | Interior | office | 3,200 | Interior | CFL | 26w screw in spiral | | | 1 | 26 | 3,200 | Retrofit | 1L-9w LED | 1 | 9 | 3,200 |
| 1 | Interior | office | 3,200 | Interior | FL | 2L-F48-T8-28w surface WM | | | 2 | 50 | 3,200 | New Fixture | 4' LED strip 30w | 2 | 30 | 3,200 |
| 1 | Interior | office | 3,200 | Interior | FL | 2L-F48-T8-28w 2x4 | AC RT | | 3 | 50 | 3,200 | New Fixture | 2x4 LED flatpanel 40w | 3 | 40 | 3,200 |
| 1 | Interior | office | 3,200 | Interior | FL | 2L-F48-T8-28w SM Shop? | | | 2 | 50 | 3,200 | New Fixture | 4' LED strip 30w | 2 | 30 | 3,200 |
| 2 | Exterior | exterior | 4,200 | Exterior | MH | 450w MH spot light Trunnion | | | 1 | 495 | 4,200 | New Fixture | 125w LED flood light | 1 | 125 | 4,200 |
| 2 | Exterior | exterior | 4,200 | Exterior | MH | Barn Light w/PC | | | 1 | 150 | 4,200 | New Fixture | 50w LED Barn light | 1 | 50 | 4,200 |
| 3 | Cart shed | office | 3,200 | Interior | FL | 2L-F48-T8-28w | shop | 2 are T12 | 11 | 50 | 3,200 | New Fixture | 4' LED strip 30w | 11 | 30 | 3,200 |
| 3 | Cart shed | office | 3,200 | Interior | CFL | 26w screw in spiral | | | 2 | 26 | 3,200 | Retrofit | 1L-9w LED | 2 | 9 | 3,200 |
| 4 | Cart Shed Ext | exterior | 4,200 | Exterior | inc | Canopy | | | 1 | 100 | 4,200 | New Fixture | 20w LED Canopy | 1 | 20 | 4,200 |
| 4 | Cart Shed Ext | exterior | 4,200 | Exterior | MH | WP MH Old style? 250w MH? | | | 1 | 295 | 4,200 | New Fixture | 80w LED wallpack | 1 | 80 | 4,200 |
| 4 | Cart Shed Ext | exterior | 4,200 | Exterior | MH | 300w street light on wooden pole | | | 1 | 1,080 | 4,200 | New Fixture | 450w LED area light | 1 | 450 | 4,200 |
| End | End | End | End | End | End | End | End | End | End | End | End | End | End | End | End | End |

Jaycee North Park

| Rm # | Room | Description | Nom. Hrs/Yr | Notes | Locale | Tech | Fixt | Mount | Qty | Input Watts | Run Time (hrs/yr) | Solution | New Fixture Code | Qty | Input Watts | Run Time (hrs/yr) |
|------|------|-------------|-------------|-------|----------|------|------------|---------|-----|-------------|-------------------|-------------|----------------------|-----|-------------|-------------------|
| 1 | Park | exterior | 4,200 | | exterior | MH | Pole Light | Trunion | 8 | 990 | 4,200 | New Fixture | 2F/P 125w LED Flood? | 8 | 250 | 4,200 |
| End | End | End | End | End | End | End | End | End | End | End | End | End | End | End | End | End |

Marina

| Rm # | Room | Description | Nom. Hrs/Yr | Fixture Code | Locale | Tech | Fixture Code | Qty | Input Watts | Run Time (hrs/yr) | Solution | New Fixture Code | Qty | Input Watts | Run Time (hrs/yr) |
|------|-----------|-------------|-------------|--|----------|------|---|-----|-------------|-------------------|-------------|------------------|-----|-------------|-------------------|
| 1 | Exterior | exterior | 4,200 | MH Canopy 50w square? MH? | Exterior | MH | Canopy 50w square? MH? | 1 | 50 | 4,200 | New Fixture | 20w LED Canopy | 1 | 20 | 4,200 |
| 1 | Exterior | exterior | 4,200 | MH 50w MH Bollards replace whole top | Exterior | MH | 50w MH Bollards replace whole top | 100 | 50 | 4,200 | Existing | | | | 4,200 |
| 2 | Interior? | exterior | 4,200 | FL 2L-F48-T8-23w surface mount Vapor Proof | Interior | FL | 2L-F48-T8-23w surface mount Vapor Proof | 10 | 64 | 4,200 | New Fixture | 30w LED 4' strip | 10 | 30 | 4,200 |
| 2 | Interior? | exterior | 4,200 | FL 3L-F48-T8-28w SM wrap | Interior | FL | 3L-F48-T8-28w SM wrap | 3 | 84 | 4,200 | New Fixture | 30w LED 4' strip | 3 | 30 | 4,200 |
| 2 | Interior? | exterior | 4,200 | FL 2L-F48-T8-28w SM wrap | Interior | FL | 2L-F48-T8-28w SM wrap | 2 | 56 | 4,200 | New Fixture | 30w LED 4' strip | 2 | 30 | 4,200 |
| End | End | End | End | End | End | End | End | End | End | End | End | End | End | End | End |

Note – Final fixture specs may change based on availability, final engineering, and/or pricing.