

San Rafael City School District
PROP. 39 ENERGY CONSERVATION AND ENERGY EFFICIENCY SERVICES
Interior and Exterior Lighting Retrofits at Venetia Valley K-8 School
REQUEST FOR PROPOSALS

PROJECT

San Rafael City School District (DISTRICT) is requesting proposals from qualified lighting contractors, herein referred to as “Contractor” with experience working in K-12 educational settings. The DISTRICT has received funding from Proposition 39. A previous energy audit has identified several lighting retrofit opportunities. The scope of this project includes interior and exterior lighting retrofits at Venetia Valley K-8 School.

The selected Contractor will work with the assigned project manager, prepare final project designs, gather and submit verification data consistent with Prop 39 and PG&E rebate requirements, complete construction and installation, obtain required permits, register project with CA Department of Industrial Relations, and complete project close out.

It is the intent of this Request for Proposals (RFP) to establish the project approach, specifications and work-scope, schedule and terms and conditions governing the selection process. Proposals shall be firm for ninety (90) days from the date of their opening. All Proposals must meet or exceed all the specifications contained herein. Three (3) signed copies of the Proposal should be addressed to the attention of:

Dan Zaich
Senior Director of Capital Facilities Program
San Rafael City School District
310 Nova Albion Way
Room 505
San Rafael, CA 94903

Proposals are due 4:00 PM November 29th, 2018.

PROCUREMENT

The project must conform to all requirements of California Government Code 4217, Title 24, California Division of State Architect (DSA) and all the parameters laid out in the Proposition 39 guidelines. In addition, the DISTRICT will make a best value selection based upon objective criteria related to price, features, functions and life-cycle costs.

The DISTRICT will evaluate proposals to determine the Firm best qualified consistent with the evaluation criteria set forth, below. The DISTRICT intends to use the authority granted by Government Code sections 4217.10, et seq. as the basis for any contract award that may result from this RFP.

PREVAILING WAGE RATES AND COMPLIANCE WITH SENATE BILL 854

All work on this project is subject to the payment of prevailing wages as determined by the Dept. of Industrial Relations. This Project is subject to labor compliance monitoring and enforcement by the Department of Industrial Relations pursuant to Labor Code section 1771.4 and subject to the requirements of Title 8 of the California Code of Regulations. All bidders, contractors and subcontractors working at the site shall be duly registered with the Department of Industrial Relations at the time of bid opening and during the entire course of the work. The contractor will be required to furnish certified payroll records directly to the Department of Industrial Relations in accordance with Labor Code Sections 1771.4(a) and 1776.

SCOPE OF WORK

The scope of the project will include the following:

1. All equipment must be listed as Design Lights Consortium (DLC) Premium Classification
2. Provide all necessary equipment, hardware, adapters, and any other materials necessary for a quality installation. Ensure installation quality, compliance with project schedule and proper disposal and/or recycling of old luminaires and equipment.
3. Contractor shall be responsible for patching, repairing, or replacing any District property that is damaged over the course of the work.
4. Rebate Guidelines:
 - a. To qualify for PG&E incentives, rebate eligible equipment must be listed on the California IOU Qualified Products List (QPL) found at <http://caioulightingqpl.com> at the time of the purchase of the equipment.
 - b. Share the list of any material variances with the Project Manager to ensure material rebate eligibility.
 - c. Get material variance approval from Project Manager prior to purchase of material.

- d. Contractor shall work directly with Smartlights program staff to ensure client accesses all applicable rebates. Smartlights is the PG&E/CPUC-funded local direct install implementer for Marin County. (www.ebenergy.org)
- e. Be available for the following rebate inspections:
 - i. Pre-construction rebate inspection with Smartlights or other third-party engineering firm
 - ii. Post-construction rebate inspection with Smartlights or other third-party engineering firm
- 5. The installation will include all material, labor, equipment, services and incidentals necessary to install a complete lighting system including, but not limited to, the work included in this Specification.
- 6. Installation Submittals:
 - a. A detailed inventory of replacement equipment with equipment data sheets for approval by the DISTRICT.
 - b. Wiring diagrams
 - c. Waste disposal and recycling certifications
- 7. Contractor shall warrant all labor and replace all parts thereof for a period of one year from the date of project acceptance. The warranty for the luminaires shall be no less than five (5) years.
- 8. Train DISTRICT personnel in all aspects of routine operation, maintenance, and safety of the LED lighting luminaires and equipment installed.
- 9. Lighting equipment installed must meet or exceed current Title 24 lighting code requirements.
- 10. All existing lights fixtures are to be replaced with LED products.
- 11. All installations are required to meet IES illumination standards for the application.
- 12. Color rendering index of all equipment will be at least 80.
- 13. Motion sensors will be installed in all classrooms where they do not currently exist. Motion sensors shall be ceiling mounted and include both infrared and ultrasonic sensing technologies.
- 14. Lenses and fixtures shall be clean and free of dirt and fingerprints.
- 15. Ensure the fit of all lighting replacement kits and reflectors.
- 16. Removal and proper disposal of all waste.
- 17. Immediately inform client of any potential scope changes that take place during the project.

18. Furnish adequate invoices that detail material, labor and total project costs. These invoices will be submitted to the CA Energy Commission for reporting purposes and to Smartlights for rebate processing.

GENERAL MATERIAL AND INSTALLATION REQUIREMENTS

1. All materials (manufacturer and model numbers) are included as for reference. “or Equal” equipment is allowed.
2. Materials shall be designed to withstand the temperatures to which they are exposed.
3. Dissimilar materials should be isolated from one another using non-conductive shims, washers, or other methods. Stainless Steel to aluminum connections are excluded.
4. All electrical conduits shall be galvanized and unpainted.
5. All electrical equipment shall be rated for the current and voltage ratings necessary for the application.
6. All electrical connections and terminations shall be fully tightened, secured, and strain relieved as appropriate.
7. All mounting equipment shall be installed to the manufacturer’s specifications.
8. All cables, conduit, exposed conductors, and electrical boxes should be secured and supported according to code requirements.
9. All national and local electric and building code requirements shall be met.
10. System Installation shall conform to Manufacturers Installation Manual and approved project drawings and specifications.
11. Installation crews shall minimize disturbance (due to noise, dust, odors, moving of furniture and equipment) of building occupants and activities.
12. Sites shall be maintained and kept secure, free of excessive debris, and in safe condition during the construction period. Site should be left “broom clean” after work is complete at the end of each work day. All work should comply with the National Electrical Code, the National Fire Code, and the Uniform Building Code, and shall be inspected by DISTRICT inspectors at each appropriate phase.

EXISTING CONDITIONS

The contractor has had sufficient access to the facility and the facility electrical system to verify that the proposal includes all materials and labor for all replacements specified in the attached lighting specification and count, and to verify the existing conditions to ensure the proper installation of the system. No additional payment will be made due to site conditions (excluding quantities) that were not accounted for by the Contractor.

CONTRACTOR USE OF PREMISES

1. All work shall be completed after hours, between 4:00 p.m. and 10:00 p.m., Monday through Friday, and on weekends and school holidays. The DISTRICT will accommodate work in unoccupied areas during operational hours. The facility must remain open and operational during normal business hours, Monday through Friday, 6:00 a.m. to 6:00 p.m. All access to and from the facility must be maintained during these hours
2. Work schedule shall accommodate special events that occur outside normal business hours; notice of these events will be communicated by the District.
3. Any utility shut-offs shall be scheduled through the Project Manager at least 72 hours ahead of time. Any shut-off that will impact the standard operation of the facility shall happen during off hours.

SCHEDULE

Date	Event
10/31/2018	RFP Issued
11/8/2018	Pre-Proposal Job Walk 2:00 PM. Meet at Venetia Valley K-8 in front of Admin. Building
11/16/2018	End of questions and information request period
11/20/2018	Last date for response to questions provided by Addenda
11/29/2018	4:00 pm Proposals due at DISTRICT Offices, 310 Nova Albion Way Room 505, San Rafael CA 94903

12/6/2018	Announcement of Best Value proposal
12/17/2018	Public Hearing and Board approval of Resolution supporting Best Value Selection
1/7/2019	Anticipated Start Date

ADDITIONAL INSTRUCTIONS TO BIDDERS

1. Final Payment will be available after a walk-through ensures completeness and functionality to DISTRICT satisfaction and all requirements for rebate processing and Prop 39 reporting has been met, and 30 days of uninterrupted operation.
2. Contractor is responsible for providing all designs, final product specifications, materials, labor and necessary equipment to complete the work according to the specifications provided.
3. Upon award of contract, Contractor shall submit appropriate documents of insurance (certificates of accord); Workers Compensation Statutory Limit, General and Auto Liability \$1,000,000 coverage pertaining to vehicles, property damage and public liabilities, personal injury, etc., and shall hold the DISTRICT harmless in any incident involving the contractor, his employees, his/her equipment, and vehicles.
4. Bidders shall visit the site areas and familiarize themselves with the scope of the project. A Pre-Proposal meeting and project walk-through will be held at 2:00 pm on November 8th, 2018 at Venetia Valley K-8 School.
 - a. Proposers may request additional opportunities to visit the work sites. Please contact Dan Zaich, dzaich@srcs.org
5. Following award of the contract, work may commence on or after January 7, 2019. All work must be completed on or before April 30, 2019.
6. The contractor shall clean their job area daily and dispose of all trash and debris leaving the area broom clean. At the end of each shift contractor shall restore space back to original state.
7. Contractor is responsible for moving furniture as they deem necessary and protect furniture from damage and/or dust and debris.
8. The DISTRICT dumpster is not to be used for contractor’s trash.

9. It is the responsibility of the contractor / bidders to field verify all existing conditions.

QUALIFICATIONS

The DISTRICT may award a contract to the Contractor that, in its sole opinion, is the most capable of providing the range of services described in this RFP, and in the long-term best interest of the DISTRICT. The contractor shall be licensed in the state of California, hold a class B or C10 license, and shall be experienced completing similar types of work.

To be considered for this project a provider must demonstrate knowledge and experience in similar projects:

- California K-12 references that can attest to the quality of the Contractor's past work
- An established record of technical performance on typical projects within California
- A proven record of on-time and on-budget performance
- Excellent safety record
- Established records of the Contractor's ability to complete the work
- Credentialed, trained, and knowledgeable staff
- Competent management support at all levels
- Ability to effectively communicate with the DISTRICT, administration, staff, students, and community as needed

The DISTRICT reserves the right to investigate the qualifications of all Contractors under consideration and to confirm any part of the information furnished, or to require other evidence of managerial, financial, or technical capabilities that are considered necessary for the successful performance of the described energy efficiency project.

SUBMITTAL REQUIREMENTS

Address the following items as completely as possible; response to each item is mandatory:

- 1. COVER LETTER/LETTER OF INTEREST** Cover letter must include name of firm, address, telephone number, CA Contractors License number, DIR Registration number, and name of Principal to contact. Letter must be signed by representative of the firm with authorization to bind the firm by contract.

- 2. PROJECT PROPOSAL**
 - a) Identify the project schedule (timeline)
 - b) Proposed cost on a unit and total project basis, itemized budget, product quantity
 - c) Data sheets of all equipment including installed wattage, product life-cycle/warranty, maintenance and support provided
 - d) Energy and demand savings

- e) As applicable, confirmation that equipment meets PG&E's rebate requirements including listing on the California IOU Qualified Products List (QPL). Submittal must include a complete screen shot of the product details from the LED QPL. Date of screenshot must be included. See Appendix B for example.
- f) Any measures requested but not included in the proposal should be itemized separately in the proposal and clearly marked as not included
- g) Lighting Replacement Excel Bid Sheet
- h) Unit prices on Bid Pages will be used for contract changes that result from changes in quantities
- i) Designated Subcontractor list

3. DESCRIPTION OF FIRM

- a) History, number of years in business in California, staff size
- b) Location of office which will perform the work
- c) Size of staff if applicable one-person Contractors/firms may submit

4. RELEVANT EXPERIENCE

- a) List relevant K-12 and or Community College projects where your firm has completed projects and include:
 - i. Project name, type and location Ex: Classroom / Kitchen/ Library / Administration / Laboratory
 - ii. Year completed
 - iii. Project size, square feet and construction cost
- b) List client names, contact person, and phone number for relevant project information.

5. FIRM TRACK RECORD

- a) Has your firm ever been let go by a client or replaced by another firm during any related project? If so, explain in detail.
- b) Does your firm have any current or pending litigation on any projects? If so, please describe.
- c) Has your firm defaulted on a contract within the past five (5) years or declared bankruptcy, or been placed in receivership within the past five (5) years?
- d) Is or has your firm been a party to suits, claims, or similar actions related to:
 - i. Construction claims relating to performance or delay
 - ii. OSHA, labor relations, or similar issues affecting the progress of the work
 - iii. California State Contractor License suspensions or code violations

- iv. If “yes” to any of the above, provide a summary and current status of the issue under separate attachment to the response to this RFP.

SUBMITTAL INFORMATION

Deadline for submission of three (3) copies of your submittal is 4:00 PM, November 29th, 2018. Submittals received after the deadline may be returned. All submittals become the sole property of the DISTRICT and the content will be held confidential until the selection of a firm is made. Any proprietary information must be designated clearly and should be bound separately and labeled with words “PROPRIETARY INFORMATION”. An entire submittal marked as such will not be accepted.

Submit sealed proposals clearly marked “RFP for Venetia Valley Elementary – Lighting Retrofits” to the following location:

Attn: Dan Zaich
Senior Director of Capital Facilities Program
San Rafael City School District
310 Nova Albion Way
San Rafael, CA 94903

Questions or clarifications may be submitted in writing to Dan Zaich at the address listed above or e-mailed to (dzaich@srcs.org).

SUBMITTAL EVALUATION PROCESS

The DISTRICT Board will manage the selection process, review and evaluate the Proposals and make a recommendation regarding the selection of a successful Contractor by utilizing the DISTRICT’s bid recap spreadsheet which incorporates, Company, Sealed bids, Firms history, Relevant experience, DIR identification number, Subcontractor list, Non-Collusion affidavit, Worker’s Comp certificate, California contractor’s license number and base bid. The review committee shall be comprised of individuals with experience, knowledge and program responsibility for the products and services of this Project. The evaluation, selection and recommendation time frame is expected to be approximately two weeks.

Selection will be conducted comprehensively, fairly and impartially. Structured, quantitative scoring techniques will be used to maximize objectivity. Selection will include an assessment of the Firms’ proven ability to apply their experience and technical expertise to:

- Complete this energy savings project in an efficient and skilled manner.
- Provide quality components per contract documents.
- Collect, document and assemble in the approved format, all pre and post monitoring and verification data as required of a Prop 39 and PG&E energy savings project.

The DISTRICT will address the following criteria in evaluation of submittals in order to gauge the ability of the Provider. The same general criteria will be used to judge both the submittal and the interview, should the DISTRICT choose to conduct interviews with Providers.

1. Proposed contract price
2. Functions consistent with the Scope of Work attached and incorporated herein which shall consist of:
 - a. Meeting all scope of work criteria, without exception
 - b. Exceeding scope of work criteria
3. Features, other than core functions, which add tangible value expressed in the Proposal
4. Life-cycle costs which shall consist of:
 - a. Operational and maintenance costs
 - b. Replacement costs
 - c. Anticipated energy savings

The DISTRICT reserves the right to:

- Reject any or all submittals at its sole discretion.
- Cancel the Request for Proposals (RFP).
- Modify any requirements contained within the RFP and request a revised submission from all providers.
- Establish other evaluation criteria determined to be in the best interest of the DISTRICT.
- Contract with any of the firms responding to this RFP based solely upon its judgment of the qualifications and capabilities of the Contractor/firm.

A Selection Committee, as deemed necessary, will be formed to evaluate the submittals. Composition and creation of this committee, should one be formed, is at the sole discretion of the DISTRICT. The Selection Committee may review the submittals for format to ensure conformance with the requirements of the RFP and may select finalist to interview with the committee as part of the evaluation process. The DISTRICT does not guarantee that an interview will take place, thus reserving the right to select a Provider based solely on the information provided in the submittals received in response to the RFP. Should an interview take place, the key personnel responsible for fulfilling the requirements of the project shall be required to be present for the interview. The DISTRICT will take all steps necessary to ensure that any discussions and interviews conducted in connection to this RFP will be done in a fair and impartial manner.

This RFP does not commit the DISTRICT to negotiate a contract. The DISTRICT will not be responsible for any expenses incurred by any firm in preparing and submitting a proposal or response to this RFP.

SPECIAL PROCEDURES

1. Emergency Evacuation: Review and coordinate emergency response procedures with the facility staff. Become familiar with evacuation procedures and coordinate response of workers in an emergency.
2. Contractor Superintendent: Contractor's superintendent shall have experience supervising projects of similar size and type. The superintendent must be qualified to supervise all phases of this project. The superintendent's resume must be submitted to the DISTRICT prior to beginning the construction.
3. Project Safety
 - a. Contractor shall comply with all applicable safety standards from the California Code of Regulations, Title 8, including but not limited to the Construction Safety orders. For the duration of the Contract work the contractor must have on-site and available for review a copy of their injury and Illness Prevention Program. In addition, the contractor will be required to have the following documents at the job-site per Cal OSHA, Title 8 Regulations:
 - i. Code of Safety Practices
 - ii. Cal-OSHA required permits
 - iii. All Cal-OSHA required training certifications
 - iv. Respiratory Protection Program for all work sited where respirators are mandatory.
 - v. Fall protection.
 - vi. Material Safety Data Sheets
 - b. The contractor will be required to post all required Cal-OSHA documents.
 - c. The contractor must designate a superintendent as the Competent Person per Title 8.
 - d. The contractor must take appropriate measures to ensure the security and safety of the work site, and materials and tools stored on premises. No tools are to be left unsecured after hours for any reason, within the secure areas around or in the building. Employees shall be directed to diligently police the construction areas for removal of debris, as well as tools and materials. Notify employees that inappropriate behavior or language will be grounds for removal of that employee from the job site.
 - e. Comply with all safety recommendations of the Material Safety Data Sheets and ensure that workers, staff, and public are not exposed to hazardous fumes or materials as a result of this work.
 - f. Appropriate protective clothing shall be worn when handling the products. Clothing shall include hard hats, steel toe boots, and insulated gloves when working on an active system.

4. Project Meetings

- a. *Pre-construction Meeting:* The DISTRICT will schedule a pre-construction meeting with the Contractor, the contractor's Project Superintendent and affected DISTRICT department representatives and consultants, at DISTRICT facilities.
- b. *Project Progress Meetings:* The contractor will make arrangements for Project Progress Meetings at an agreed upon interval. Attendees shall include the Contractor's superintendent and the DISTRICT project manager. The agenda shall include, but not be limited to:
 - a. Review of work progress
 - b. Identification of problems that impede planned progress.
 - c. Maintenance of the Construction Schedule.
 - d. Corrective measures to maintain the Construction Schedule.
 - e. Planned progress in the succeeding work period.
 - f. Maintenance of quality of work standards.
 - g. Proposed changes to the schedule and project coordination, and the effect on the project.
- c. *Punch List Inspection:* The contractor will schedule a punch list inspection with the DISTRICT Project Manager. The inspection will allow the DISTRICT to identify problems that may impact the performance of the lighting system.
- d. *Final Inspection Meeting:* The Contractor will schedule a meeting that includes the DISTRICT Project Manager to walk-through and inspect the installation to ensure that all punch-list items have been addressed.

TEMPORARY FACILITIES

Telephone: The Contractor or supervisor on the job site must be able to be reached by phone at all times that work is in progress.

PROJECT CLOSEOUT

1. Clean all work areas, removing any debris.
2. Prepare three (3) copies of operating and maintenance manuals in hard cover binders and deliver to the DISTRICT. As a minimum the binders shall include:
 - i. A complete set of all approved submittals including shop drawings and product literature.
 - ii. Copies of all testing data and reports.

PROJECT SITE

Venetia Valley Elementary School
177 N. San Pedro Rd.
San Rafael, CA 94903

APPENDIX A: LIGHT FIXTURE SPECIFICATION SHEET

All proposed fixtures must be LED

Location	Existing Fixture Qty	Existing Equipment Description	Proposed Fixture Qty	Proposed Equipment Description (or equal)	Proposed Wattage per fixture
Reception - Main Open	10	T8 4' 32E2-2L-NPO	10	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Reception - Principal's Office	2	T8 4' 32E2-2L-NPO	2	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Reception - Principal's Assistant	2	T8 4' 32E2-2L-NPO	2	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Reception - Office 1	2	T8 4' 32E2-2L-NPO	2	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Reception - Office 2	2	T8 4' 32E2-2L-NPO	2	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Reception - Health Office	3	T8 4' 32E2-2L-NPO	3	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Reception - Conference	4	T8 4' 32E2-2L-NPO	4	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Gym - Boy's Locker Rm	10	T8 4' 32E2-2L-NPO	10	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Gym - Boy's Locker Rm Coach's Office	2	T8 4' 32E2-2L-NPO	2	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Gym - Boy's Locker Rm Exit Hall	2	T8 4' 32E2-2L-NPO	2	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Gym - Girl's Locker Rm Coach's Office	2	T8 4' 32E2-2L-NPO	2	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Gym - Girl's Locker Rm Exit Hall	2	T8 4' 32E2-2L-NPO	2	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Gym - Boy's Locker Rm Restrm	3	T8 4' 32E2-2L-NPO	3	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Gym - Boy's Locker Rm	1	T8 4' 32E2-2L-NPO	1	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40

Storage					
Gym - Girl's Locker Rm Restrm	3	T8 4' 32E2-2L-NPO	3	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Gym - Girl's Locker Rm Storage	1	T8 4' 32E2-2L-NPO	1	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Gym - Girl's Locker Rm	10	T8 4' 32E2-2L-NPO	10	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Gym - Restrm Hall Men's	1	T8 4' 32E2-2L-NPO	1	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Serving Rm	5	T8 4' 32E2-2L-NPO	5	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
IDF	2	T8 4' 32E2-2L-NPO	2	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Janitor Closet	2	T8 4' 32E2-2L-NPO	2	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Music Rm	6	T8 4' 32E2-2L-NPO	6	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Modular Classrms - Large	30	T8 4' 32E2-2L-NPO	30	LED INT 41E1-1L-2X4 RETROFIT KIT-4000 °K	41
Modular Classrms - Small	84	T8 4' 32E2-2L-NPO	84	LED INT 41E1-1L-2X4 RETROFIT KIT-4000 °K	41
Computer Rm	2	T8 4' 32E2-2L-NPO	2	LED INT 40E1-1L-4'-RETROFIT KIT-5000 °K	40
Reception - Teacher's Lounge	3	T8 4' 32E2E2-4L-NPO	3	LED INT 50E1-1L-8'-RETROFIT KIT-5000 °K	50
Computer Rm	4	T8 4' 32E2E2-4L-NPO	4	LED INT 50E1-1L-8'-RETROFIT KIT-5000 °K	50
Music Rm	4	T8 4' 32E2E2-4L-NPO	4	LED INT 50E1-1L-8'-RETROFIT KIT-5000 °K	50
Gym	18	400W MH high bay	18	LED 4' 15E3E3-NPO-FIXT-HIGH BAY-5000 °K	105
Reception - Main Open	12	CFL INT 42E1-1L	12	LED INT 13E1-1L-PL-4000 °K-LAMP ONLY	13

Reception - Health Office Restrm	1	CFL INT 42E1-1L	1	LED INT 13E1-1L-PL-4000 °K-LAMP ONLY	13
Gym - Back Hall	6	CFL INT 42E1-1L	6	LED INT 13E1-1L-PL-4000 °K-LAMP ONLY	13
Gym - Locker Rm Halls	4	CFL INT 42E1-1L	4	LED INT 13E1-1L-PL-4000 °K-LAMP ONLY	13
Gym - Stage	8	CFL INT 42E1-1L	8	LED INT 13E1-1L-PL-4000 °K-LAMP ONLY	13
Mechanical Rms	3	CFL INT 23E1-1L	3	LED A-Lamp 9 to < 10 watts	9.5
Gym - Restrm Hall	1	CFL INT 42E1-1L	1	LED INT 13E1-1L-PL-4000 °K-LAMP ONLY	13

Appendix B – EXAMPLE QPL SCREENSHOT

Espen Technology

BRAND: Espen
MODEL: VEKT2X2H-840 SS
QUAL. ENTITY: DLC
Unique Source/Product ID: PL5IMVYS2W9D
CATEGORY: Integrated Retrofit Kits for 2x2 Luminaires
TIER: Premium
DLC TECHNICAL REQUIREMENTS VERSION: 4.2

[Hide Product Details...](#) DLC QUALIFIED ON 9/12/2017

Rated Metrics

LUMEN OUTPUT:	2,900 lm
INPUT WATTAGE:	23 w
EFFICACY:	126 lm/W
CRI:	80
CCT:	4,000 K
POWER FACTOR:	0.9
THD:	10 %

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REBATE INFORMATION:

Utility	Code	Channel
PGE	LT156	Deemed

Click to View Rebate Info