

SOUTHERN HUMBOLDT UNION SCHOOL DISTRICT

INVITATION FOR BIDS

Proposition 39 LED Lighting Upgrade Project

Bid No. 17-006

DEADLINE FOR SUBMITTING BIDS: 3:00pm, April 7, 2017

All bids must be submitted in person or by mail to:

**Patricia Terry, Project Manager
Redwood Coast Energy Authority (RCEA)
633 3rd Street
Eureka, CA, 95501**

Mandatory Bidder's Site Visit

A mandatory bidder's site visit will be held to acquaint all prospective bidders with the Contract Documents and the Project sites. Failure to attend the conference may result in the disqualification of the bid of the non-attending bidder.

Date: March 15, 2017

Time: 2:00 pm

Location: Agnes Johnson School – Front Office
75 School Rd
Weott, CA

Contacts: Patricia Terry, Project Manager
pterry@redwoodenergy.org
(707) 269-1700

Catherine Scott, Superintendent
cscott@sohumusd.org
(707) 943-1789

OVERVIEW

Southern Humboldt Union School District is soliciting bids from interested contractors to implement energy efficiency improvements at their campuses. The goal of the project is to reduce energy use at the school site. The expected work product is to install identified capital improvements that will reduce the overall energy usage and comply with California Energy Commission (CEC) guidelines for the use of Proposition 39 funding.

The District seeks a contractor to complete the following:

- Retrofit existing linear fluorescent lamps to LED lamps and new ballasts at Agnes Johnson School and Redway School
- Replace existing HID high bays with LED high bays at Agnes Johnson School and Redway School
- Replace existing exterior fixtures with LED fixtures at Agnes Johnson School
- Install occupancy sensors in bathrooms and classrooms at Agnes Johnson School

SCHEDULE

The following is a schedule of significant events and deadlines:

Issue Date:	Tuesday, March 7, 2017
Mandatory pre-bid site visit:	2:00 pm, March 15, 2017
Bids due:	By 3:00 pm, Friday, April 7, 2017
Public bid opening:	After 3:00 pm, Friday, April 7, 2017
Anticipated bid award date:	Friday, April 14, 2017
Installation start date:	No earlier than June 19, 2017
Installation complete:	No later than August 25, 2017

Table of Contents

OVERVIEW	2
SCHEDULE	2
NOTICE INVITING BIDS SOUTHERN HUMBOLDT UNION SCHOOL DISTRICT PROPOSITION 39 LED LIGHTING UPGRADE PROJECT.....	4
SCOPE OF WORK.....	6
INSTRUCTIONS TO BIDDERS	8
BID PROPOSAL FORM.....	16
APPENDICES	26
Appendix A – Itemized Scope of Work.....	26
Appendix B – Lighting Equipment List.....	31
Appendix C –Agnes Johnson School Site map	32
Appendix D – Redway School Site map	33

NOTICE INVITING BIDS

Southern Humboldt Union School District

Proposition 39 LED Lighting Upgrade Project

1. Notice is hereby given that the Governing Board of the Southern Humboldt Union School District ("District"), of the County of Humboldt, State of California, will receive sealed bids for the Proposition 39 LED Lighting Upgrade Project ("Project") up to, but not later than, 3:00 p.m., on April 7, 2017, and will thereafter publicly open and read aloud the bids. **All bids shall be received at the office of the Redwood Coast Energy Authority ("RCEA"), 633 Third Street, Eureka, California.**
2. Each bid shall be completed on the Bid Proposal Form included in the Contract Documents, and must conform and be fully responsive to this invitation, the plans and specifications, and all other Contract Documents. Copies of the Contract Documents are available for examination at RCEA, 633 3rd Street, Eureka, California, and at the RCEA website <http://www.redwoodenergy.org/opportunities/bid-opportunities>, and may be obtained by licensed contractors upon request.
3. Each bid shall be accompanied by cash, a cashier's or certified check, or a bidder's bond executed by a surety licensed to do business in the State of California as a surety, made payable to the District, in an amount not less than ten percent (10%) of the maximum amount of the bid. The check or bid bond shall be given as a guarantee that the bidder to whom the contract is awarded will execute the Contract Documents and will provide the required payment and performance bonds and insurance certificates within ten (10) days after the notification of the award of the contract.
4. The successful bidder shall comply with the provisions of the Labor Code pertaining to payment of the generally prevailing rate of wages and apprenticeships or other training programs. The Department of Industrial Relations has made available the general prevailing rate of per diem wages in the locality in which the work is to be performed for each craft, classification or type of worker needed to execute the contract, including employer payments for health and welfare, pension, vacation, apprenticeship and similar purposes. Copies of these prevailing rates are available to any interested party upon request and are online at <http://www.dir.ca.gov/DLSR>. The Contractor and all Subcontractors shall pay not less than the specified rates to all workers employed by them in the execution of the Contract. It is the Contractor's responsibility to determine any rate change.
5. The schedule of per diem wages is based upon a working day of eight hours. The rate for holiday and overtime work shall be at least time and one half.
6. The substitution of appropriate securities in lieu of retention amounts from progress payments in accordance with Public Contract Code §22300 is permitted.
7. Pursuant to Public Contract Code §4104, each bid shall include the name and location of the place of business of each subcontractor who shall perform work or service or fabricate or install work for the contractor in excess of one-half of one percent (1/2 of 1%) of the bid price. The bid shall describe the type of the work to be performed by each listed subcontractor.
8. No bid may be withdrawn for a period of sixty (60) days after the date set for the opening for bids except as provided by Public Contract Code §§5100 *et seq.* The District reserves the right to reject any and all bids and to waive any informalities or irregularities in the bidding.

9. Minority, women, and disabled veteran contractors are encouraged to submit bids. This bid is___/ is not_X__ subject to Disabled Veteran Business Enterprise requirements.
10. The project is subject to compliance monitoring and enforcement by the California Department of Industrial Relations. In accordance with SB 854, all bidders, contractors, and subcontractors working at the site shall be duly registered with the Department of Industrial Relations at time of bid opening and at all relevant times. Proof of registration shall be provided as to all such contractors prior to the commencement of any work.
11. Each bidder shall possess at the time the bid is awarded the following classification(s) of California State Contractor's license: A, B, or C-10.
12. Mandatory Bidder's Site Visit. A mandatory bidders' site visit will be held at Agnes Johnson School on March 15, 2017 at 2:00 pm for the purpose of acquainting all prospective bidders with the Contract Documents and the Project sites. Failure to attend the conference may result in the disqualification of the bid of the non-attending bidder.

SOUTHERN HUMBOLDT UNION SCHOOL DISTRICT

By: Catherine Scott, Superintendent

DATED: March 7, 2017

Publication Dates: 1) Tuesday, March 7, 2017 2) Tuesday, March 14, 2017

SCOPE OF WORK

Southern Humboldt Union School District (“District”) is soliciting bids from licensed and qualified contractors for the following scope of work at the Agnes Johnson School in Weott, California and Redway School in Redway, California.

The selected contractor will:

Provide all equipment, labor, and material for a complete project. Include all site work, disposal, design and applicable fees and taxes.

1. Retrofit or replace light fixtures as described:

Measure	Location	Measure Description	Reference Table
AJJ-1	Agnes Johnson School	Retrofit existing fluorescent fixtures with new tubular LED T8 lamps and compatible electronic ballasts	Appendix A: Table 1
AJJ-2	Agnes Johnson School	Replace existing HID high bays fixtures with new LED high bay fixtures	Appendix A: Table 3
AJJ-3	Agnes Johnson School	Replace existing exterior fixtures with new LED fixtures	Appendix A: Table 5
AJJ-4	Agnes Johnson School	Add occupancy sensors to classrooms and bathrooms	Appendix A: Table 6
RW-1	Redway School	Retrofit existing fluorescent fixtures with new tubular LED T8 lamps and compatible electronic ballasts	Appendix A: Table 2
RW-2	Redway School	Replace existing HID high bays fixtures with new LED high bay fixtures	Appendix A: Table 4

2. Coordinate with the District and Redwood Coast Energy Authority to ensure adherence to Proposition 39 program guidelines.

- a. All project services will comply with Proposition 39: California Clean Energy Jobs Act – 2015 Program Implementation Guidelines.
- b. Contractor commits to prompt communication of change orders prior to execution to ensure Proposition 39 compliance.

3. Follow project rebate guidelines.

- a. The selected contractor must work directly with the Redwood Coast Energy Watch (RCEW) program to ensure that the District receives all possible rebates associated with this project. RCEW will manage the rebate process with direct support from

the selected contractor to ensure that the project remains rebate eligible. The rebate process requires detailed coordination of a variety of events. The selected contractor agrees to:

- i. Ensure that all applicable LED technologies are listed and eligible for incentives. Use the California Statewide Qualified LED Product List for Verification: <http://www.caoulightingqpl.com>.
- ii. Share the material list with RCEW prior to purchase to confirm incentive eligibility. For example, changes in selected brands or slight variations in installed wattages may impact overall incentive value or eligibility.
- iii. Be available for the following rebate inspections:
 1. Pre-construction rebate inspection with RCEW or other third party engineering firm.
 2. Post-construction rebate inspection with RCEW or other third party engineering firm.
- iv. Immediately inform RCEW of any potential scope changes that take place during the project. For example and as 2.a.ii notes, slight variations in installed wattages may impact incentive values and eligibility.
- v. Furnish adequate invoices that detail material and labor costs at the measure level. These invoices will be submitted to RCEW for rebate purposes.
- vi. Itemize costing for RCEW reporting needs. Contractor acknowledges and agrees to provide this itemized costing post completion to ensure that each efficiency measure maintains eligibility for state incentives. For additional information about eligibility and reporting requirements for state incentives, please contact RCEW Senior Energy Specialist Patricia Terry at pterry@redwoodenergy.org.

4. In addition to completing the scope defined in APPENDIX A:

- a. Communicate to RCEA/RCEW prior to installing a lamp/fixture with a nominal lamp wattage or system wattage that is different than what is identified in the associated appendixes, Description of Measure Column.
- b. Purchase all needed materials and equipment.
- c. All lamps shall be 5000°K unless approved or not applicable to the measure.
- d. All new fixtures shall have an L70 \geq 50,000 hours.
- e. Install to final contracted scope.
- f. Verify all fixtures are operational seven (7) days post installation. If not operational, correct and verify.
- g. Provide briefing on the installed equipment to school staff/faculty.

INSTRUCTIONS TO BIDDERS

Each response to this Invitation for Bids submitted to the District for the Proposition 39 LED Lighting Upgrade Project ("Project") shall be in accordance with the following instructions and requirements, which are part of the Contract Documents for this Project.

1. Deadline for Receipt of Bids. Each bid shall be sealed and submitted to the Redwood Coast Energy Authority, 633 3rd Street, Eureka, no later than 3:00 pm on Friday, April 7, 2017. The District suggests that bids be hand delivered in order to ensure their timely receipt. Any bids received after the time stated, regardless of the reason, shall be returned, unopened, to the bidder.

SUBMITTAL OF RESPONSES

ALL MAILED PROPOSALS SHALL BE ADDRESSED AS FOLLOWS:

BID NO. 17-006
Attn: Patricia Terry, Project Manager
Redwood Coast Energy Authority
633 3rd Street
Eureka, CA 95501

The envelope shall also indicate the name and address of the submitting firm, with "DO NOT OPEN UNTIL BID OPENING" on the front of the envelope.

HAND DELIVERED COURIER OR PACKAGED DELIVERED SERVICE SHALL BE DELIVERED DIRECTLY TO:

Redwood Coast Energy Authority
633 3rd Street
Eureka, CA 95501

2. Mandatory Bidders' Site Visit. A mandatory pre-bid site visit and a question forum will be held on March 15, 2017 at 2:00pm local time for the purpose of acquainting all prospective bidders with the Contract Documents and the Project site. This will be the bidder's time to look at the installation site and ask any questions about the project.

The pre-bid site visit will begin at the following location:

Agnes Johnson School – Main Office
73 School Rd
Weott, CA

3. Requests for Information. A bidder's failure to request clarification or interpretation of an apparent error, inconsistency or ambiguity in the Contract Documents waives that bidder's right to thereafter claim entitlement to additional compensation based upon an ambiguity,

inconsistency, or error, which should have been discovered by a reasonably prudent Contractor, subject to the limitations of Public Contract Code §1104. Any questions relative to the bid shall be in writing and directed to the Project Manager at the address specified for receipt of bid proposals. These requests shall be submitted to the Project Manager at least five working days prior to the date the bid is due.

4. Bid Proposal Forms. All bid proposals shall be made on the form provided by the District. All items on the form shall be filled out in ink. Numbers should be stated in figures, and the signatures of all individuals must be in long hand. The completed form should be without interlineations, alterations, or erasures.
5. Execution of Forms. Each bid shall give the full business address of the bidder and must be signed by the bidder or bidder's authorized representative with his or her usual signature. Bids by partnerships must furnish the full names of all partners and must be signed in the partnership name by a general partner with authority to bind the partnership in such matters. Bids by corporations must be signed with the legal name of the corporation, followed by the signature and designation of the president, secretary, or other person authorized to bind the corporation in this matter. The name of each person signing shall also be typed or printed below the signature. When requested by the District, satisfactory evidence of the authority of the officer signing on behalf of the corporation or partnership shall be furnished. A bidder's failure to properly sign required forms may result in rejection of the bid. All bids must include the bidder's contractor license number(s) and expiration date(s).
6. Bid Security. Bid proposals shall be accompanied by a certified or cashier's check or bid bond for an amount not less than ten percent (10%) of the bid amount, payable to the District. A bid bond shall be secured from an admitted surety company, licensed in the State of California, and satisfactory to the District. The bid security shall be given as a guarantee that the bidder will enter into the Contract if awarded the work, and in the case of refusal or failure to enter into the Contract within ten (10) calendar days after notification of the award of the Contract or failure to provide the payment and performance bonds and proof of insurance as required by the Contract Documents, the District shall have the right to award the Contract to another bidder and declare the bid security forfeited. The District reserves the right to pursue all other remedies in law or equity relating to such a breach including, but not limited to, seeking recovery of damages for breach of contract. Failure to provide bid security, or bid security in the proper amount, shall result in rejection of the bid.
7. Withdrawal of Bid Proposals. Bid proposals may be withdrawn by the bidders prior to the time fixed for the opening of bids, but may not be withdrawn for a period of sixty (60) days after the opening of bids, except as permitted pursuant to Public Contract Code §5103.
8. Addenda or Bulletins. The District reserves the right to issue addenda or bulletins prior to the opening of the bids subject to the limitations of Public Contract Code §4104.5. Any addenda or bulletins issued prior to bid time shall be considered a part of the Contract Documents.

9. Bonds. If its bid is accepted in an amount equal to or greater than \$25,000.00, the successful bidder shall be required to submit payment and performance bonds as specified in and using the bond forms included with the Contract Documents. All required bonds shall be based on the maximum total contract price as awarded, including additive alternates, if applicable.
10. Rejection of Bids and Award of Contract. The District reserves the right to waive any irregularities in the bid and reserves the right to reject any and all bids. The Contract will be awarded, if at all, within sixty (60) calendar days after the opening of bids to the lowest responsible and responsive bidder, subject to Governing Board approval. The time for awarding the Contract may be extended by the District with the consent of the lowest responsible, responsive bidder.
11. Execution of Contract. The successful bidder shall, within ten (10) calendar days of the Notice of Award of the Contract, sign and deliver to the District the executed contract along with the bonds and certificates of insurance required by the Contract Documents. In the event the successful bidder fails or refuses to execute the Contract or fails to provide the bonds and certificates as required, the District may declare the bidder's bid deposit or bond forfeited as liquidated damages, and may award the work to the next lowest responsible, responsive bidder, or may reject all bids and, in its sole discretion, call for new bids. In all cases, the District reserves the right, without any liability, to cancel the award of Contract at any time prior to the full execution of the Contract.
12. Drawings and Specifications. All drawings, specifications and other documents used or prepared during the project shall be the exclusive property of the District.
13. Evidence of Responsibility. Upon the request of the District, a bidder shall submit promptly to the District satisfactory evidence showing the bidder's financial resources, the bidder's experience in the type of work being required by the District, the bidder's availability to perform the Contract and any other required evidence of the bidder's qualifications and responsibility to perform the Contract. The District may consider such evidence before making its decision to award the Contract. Failure to submit requested evidence may result in rejection of the bid.
14. Taxes. Applicable taxes shall be included in the bid prices.
15. Bid Exceptions. Bid exceptions are not allowed. If the Bidder has a comment regarding the bid documents or the scope of work, the Bidder shall submit those comments to the District for evaluation at least seven working days prior to the opening of the bids. No oral or telephonic modification of any bid submitted will be considered and a sealed written modification may be considered only if received prior to the opening of bids. E-mailed or faxed bids or modifications will not be accepted.
16. Discounts. Any discounts which the bidder desires to provide the District must be stated clearly on the bid form itself so that the District can calculate the net cost of the bid proposal. Offers of discounts or additional services not delineated on the bid form will

not be considered by the District in the determination of the lowest responsible responsive bidder.

17. Quantities. The quantities shown on the plans and specifications are approximate. The District reserves the right to increase or decrease quantities as desired.
18. Prices. Bidders must quote prices F.O.B. Agnes Johnson School unless otherwise noted. Prices should be stated in the units specified and bidders should quote each item separately.
19. Samples. On request, samples of the products being bid shall be furnished to the District.
20. Special Brand Names/Substitutions. In describing any item, the use of a manufacturer or special brand does not restrict bidding to that manufacturer or special brand, but is intended only to indicate quality and type of item desired, except as provided in §3400 of the Public Contract Code. Substitute products will be considered either prior to or after the award of the Contract in accordance with §3400 and as set forth in either the Supplemental Conditions or the Scope of Work. All data substantiating the proposed substitute as an "equal" item shall be submitted with the written request for substitution. Substitutions for products qualifying for rebates must meet the same qualifications. The District and its representatives reserve the right to make all final decisions on product and vendor selection.
21. Container Costs and Delivery. All costs for containers shall be borne by the bidder. All products shall conform to the provisions set forth in the federal, county, state, and city laws for their production, handling, processing and labeling. Packages shall be so constructed to ensure safe transportation to the point of delivery.
22. Bid Negotiations. A bid response to any specific item of the bid using terms such as "negotiable," "will negotiate," or similar phrases, will be considered non-responsive.
23. Prevailing Law. In the event of any conflict or ambiguity between these instructions and state or federal law or regulations, the latter shall prevail. All equipment to be supplied or services to be performed under the bid proposal shall conform to all applicable requirements of local, state and federal law, including, but not limited to, Labor Code §§1771, 1778 and 1779.
24. Allowances. An "allowance" means an amount included in the bid proposal for work that may or may not be included in the Project, depending on conditions that will become known only after the Project is underway.
25. Subcontractors. Pursuant to the Subletting and Subcontracting Fair Practices Act, Public Contract Code §§4100-4114, every bidder shall, on the enclosed Subcontractor List Form, set forth:
 - a. The name and location of the place of business of each Subcontractor who will perform work or labor or render service to the bidder in or about the work or

fabricate and install work in an amount in excess of one-half (1/2) of the one percent (1%) of the bidder's total bid.

- b. If the bidder fails to specify a Subcontractor for any portion of the work to be performed under the Contract in excess of one-half (1/2) of one percent (1%) of the bidder's total bid, bidder agrees that bidder is fully qualified to and shall perform that portion of the work. The successful bidder shall not, without the written consent of the District or compliance with Public Contract Code §§4100 - 4114, either:
 - 1) Substitute any person as Subcontractor in place of the Subcontractor designated in the original bid;
 - 2) Permit any subcontract to be voluntarily assigned or transferred or allow the work to be performed by anyone other than the original Subcontractor listed in the bid; or
 - 3) Sublet or subcontract any portion of the work in excess of one-half (1/2) of one percent (1%) of the total bid as to which the bidder's original bid did not designate a Subcontractor.
26. Examination of Contract Documents and Work Site. Before submitting a bid proposal, all bidders shall carefully examine the Contract Documents, including the plans and specifications, shall visit the site of the proposed work, and shall fully inform themselves of all conditions in and about the work site, as well as applicable federal, state, and local laws and regulations that may affect the work. No bidder shall visit the site without prior authorization of the District. Bidders shall contact the District Superintendent or designee for coordination of site visits.
27. Form and Approval of Contract. The Contract Documents must be approved by the Governing Board of the District and its legal counsel. The bidder selected by the District shall execute the contract provided by the District.
28. Licenses and Permits. Each bidder, and its Subcontractors, if any, shall at all times possess all appropriate and required licenses or other permits to perform the work as identified in the Contract Documents. Upon request, each bidder shall furnish the District with evidence demonstrating possession of the required licenses or permits.
29. Denial of Right to Bid. Contractors or Subcontractors who have violated state law governing public works shall be denied the right to bid on this public works contract pursuant to Labor Code §1777.7.
30. Bidders Interested in More Than One Bid. No person, firm, or corporation shall make, or file, or be interested in more than one bid. However, a person, firm, or corporation that has submitted a sub-proposal to a bidder, or that has quoted prices of materials to a

bidder, is not thereby disqualified from submitting a sub-proposal or quoting prices to other bidders or from submitting a prime proposal.

31. Contractor's State License Board. Contractors and Subcontractors are required by law to be licensed and regulated by the California Contractors' License Board.
32. Fingerprinting. By law it is the District's responsibility to determine whether a contractor must provide fingerprint certification. Pursuant to Education Code §45125.2, the District considers the totality of the circumstances in order to determine if fingerprinting of employees of a contractor working on a school site is required. Factors to be considered include the length of time the contractor's employees are on school grounds, whether students are in proximity to the location where the contractor's employees are working, and whether the contractor's employees are working alone or with others.
33. Disabled Veterans Participation Goals. In accordance with Education Code §17076.11, this District has a participation goal for disabled veteran business enterprises ("DVBE") of at least 3 percent per year of the overall dollar amount of funds allocated to the District by the State Allocation Board pursuant to the Leroy F. Greene School Facilities Act of 1998 for construction or modernization and expended each year by the District. Prior to, and as a condition precedent for final payment under the Contract for the project, the Contractor shall provide appropriate documentation to the District identifying the amount paid to DBVE in conjunction with the contract, so that the District can assess its success at meeting this goal. The Office of Small Business and DVBE Certification (OSDC), (916) 375-4940, www.pd.dgs.ca.gov/smbus/default.htm, is an information resource to assist bidders in locating Disabled Veteran Business Enterprises. (Please note: while the OSDC may be used as a resource, the DVBE Program administered by OSDC applies to state contracts, not local agency (school district) contracts.)
34. Labor Compliance Program. The project is subject to compliance monitoring and enforcement by the California Department of Industrial Relations. In accordance with SB 854, all bidders, contractors, and subcontractors working at the sites shall be duly registered with the Department of Industrial Relations at time of bid opening and at all relevant times. Proof of registration shall be provided as to all such contractors prior to the commencement of any work.
35. Additive and Deductive Items: Method of Determining Lowest Bid. Pursuant to Public Contract Code §20103.8, if the bid solicitation includes additive and/or deductive items, the checked [X] method shall be used to determine the lowest bid:

__X__(a) The lowest bid shall be the lowest bid price on the base contract without consideration of the prices on the additive or deductive items.

_____ (b) The lowest bid shall be the lowest total of the bid prices on the base contract and those additive or deductive items that were specifically identified in the bid solicitation or Bid Proposal Form as being used for the purpose of determining the lowest bid price.

_____ (c) The lowest bid shall be the lowest total of the bid prices on the base contract and those additive or deductive items taken in order from a specifically identified list of those items that, when in the solicitation, and added to, or subtracted from, the base contract, are less than, or equal to, a funding amount publicly disclosed by the District before the first bid is opened.

_____ (d) The lowest bid shall be determined in a manner that prevents any information that would identify any of the bidders or the proposed Subcontractors or suppliers from being revealed to the public entity before the ranking of all bidders from lowest to highest has been determined.

If no method is checked, sub-paragraph (a) shall be used to determine the lowest bid.

Notwithstanding the method used by the District to determine the lowest responsible bidder, the District retains the right to add to or deduct from the Contract any of the items included in the bid solicitation.

37. Bid Protest. Any bid protest must be in writing and received by the District Office before 5:00 p.m. no later than three (3) working days following bid opening and shall comply with the following requirements:

- a. The bid protest must contain a complete statement of the basis for the protest and all supporting documentation.
- b. The party filing the protest must have actually submitted a bid for the Project. A Subcontractor of a bidder submitting a bid for the Project may not submit a bid protest. A bidder may not rely on the bid protest submitted by another bidder, but must timely pursue its own protest.
- c. The protest must refer to the specific portion or portions of the Contract Documents upon which the protest is based.
- d. The protest must include the name, address and telephone number of the person representing the protesting bidder.
- e. The bidder filing the protest must concurrently transmit a copy of the bid protest and all supporting documentation to all other bidders with a direct financial interest which may be affected by the outcome of the protest, including all other bidders who appear to have a reasonable prospect of receiving an award depending upon the outcome of the protest.
- f. The bidder whose bid has been protested may submit a written response to the bid protest. Such response shall be submitted to the District before 5 p.m. no later than two (2) working days after the deadline for submission of the bid protest or receipt of the bid protest, whichever is sooner, and shall include all supporting

documentation. Such response shall also be transmitted concurrently to the protesting bidder and to all other bidders who appear to have a reasonable prospect of receiving an award depending upon the outcome of the protest.

- g. The procedure and time limits set forth in this section are mandatory and are the bidder's sole and exclusive remedy in the event of bid protest. The bidder's failure to comply with these procedures shall constitute a waiver of any right to further pursue the bid protest, including filing a Government Code claim or legal proceedings.
- h. If the District determines that a protest is frivolous, the protesting bidder may be determined to be non-responsible and that bidder may be determined to be ineligible for future contract awards by the District.
- i. A "working day" for purposes of this section means a weekday during which the District's office is open and conducting business, regardless of whether or not school is in session.

BID PROPOSAL FORM

Dear Members of the Southern Humboldt Unified School District Governing Board:

The undersigned, doing business under the name of _____,

having carefully examined the location of the proposed work, the local conditions of the place where the work is to be done, the Invitation for Bids, the General Conditions, the Instructions to Bidders, the Plans and Specifications, and all other Contract Documents for the proposed Prop 39 LED Lighting Upgrade Project ("Project"), and having accurately completed the Bidder's Questionnaire, proposes to perform all work and activities in accordance with the Contract Documents, including all of its component parts, and to furnish all required labor, materials, equipment, transportation and services required for the construction of the Project in strict conformity with the Contract Documents, including the Plans and Specifications, as follows:

BID:

Measure	Location	Measure Description	Reference Table	Total Installed Cost
AJJ-1	Agnes Johnson School	Retrofit existing fluorescent fixtures with new tubular LED T8 lamps and compatible electronic ballasts	Appendix A: Table 1	\$
AJJ-2	Agnes Johnson School	Replace existing HID high bays fixtures with new LED high bay fixtures	Appendix A: Table 3	\$
AJJ-3	Agnes Johnson School	Replace existing exterior fixtures with new LED fixtures	Appendix A: Table 5	\$
AJJ-4	Agnes Johnson School	Add occupancy sensors to classrooms and bathrooms	Appendix A: Table 6	\$
RW-1	Redway School	Retrofit existing fluorescent fixtures with new tubular LED T8 lamps and compatible electronic ballasts	Appendix A: Table 2	\$
RW-2	Redway School	Replace existing HID high bays fixtures with new LED high bay fixtures	Appendix A: Table 4	\$

For the sum of: _____ dollars (\$ _____).

The undersigned has checked carefully all the above figures and understands that the District is not responsible for any errors or omissions on the part of the undersigned in making this bid.

Enclosed find certified or cashier's check no. _____ of the _____
_____ Bank for _____ Dollars (\$ _____) or Bidder's
Bond of the _____ surety company in an amount of not less than ten
percent (10%) of the entire bid. The undersigned further agrees, on the acceptance of this proposal, to
execute the Contract and provide the required bonds and insurance and that in case of default in
executing these documents within the time fixed by the Contract Documents, the proceeds of the check
or bond accompanying this bid shall be forfeited and shall become the property of the District.

Contractor agrees to commence the work within the time specified in the Notice to Proceed. It is
understood that this bid is based upon completing the work within the number of calendar days
specified in the Contract Documents.

ADDENDA:

Receipt of the following addenda is hereby acknowledged:

Addendum # _____	Dated: _____	Addendum # _____	Dated: _____
Addendum # _____	Dated: _____	Addendum # _____	Dated: _____
Addendum # _____	Dated: _____	Addendum # _____	Dated: _____

Respectfully submitted,

Company: _____

Address: _____

By: _____

(Please Print or Type)

Signature: _____

Title: _____

Date: _____

Telephone: _____

Contractor's License No: _____ Expiration Date _____

Required Attachments:

- 1) Subcontractor List Form
- 2) Workers' Compensation Certificate
- 3) Non-Collusion Affidavit
- 4) Bid Bond (or Cashier's or Certified Check)
- 5) Bidder's Questionnaire

SUBCONTRACTOR LIST FORM

Each bidder shall list below the name and location of place of business for each Subcontractor who will perform a portion of the Contract work in an amount in excess of 1/2 of 1 percent of the total contract price. The nature of the work to be subcontracted shall also be described.

[illegible]

1) WORKERS' COMPENSATION CERTIFICATE

Labor Code §3700 in relevant part provides:

"Every employer except the State shall secure the payment of compensation in one or more of the following ways:

- (a) By being insured against liability to pay compensation in one or more insurers duly authorized to write compensation insurance in this State.
- (b) By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees."

I am aware of the provisions of §3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work of this Contract and will require all Subcontractors to do the same.

Contractor

By: _____

In accordance with Article 5 (commencing at §1860), Chapter 1, Part 7, Division 2 of the Labor Code, the above certificate must be signed and filed with the awarding body prior to performing any work under this Contract.

2) NONCOLLUSION AFFIDAVIT

To be executed by the bidder and submitted with the bid.

_____, declares that he or she is _____ of _____, the party making the foregoing bid, and affirms that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true and correct; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Date: _____

Signature

3) BID BOND

We, the Contractor, _____ as principal ("Principal"), and _____, as surety ("Surety"), are firmly bound unto the Southern Humboldt Unified School District ("District") in the penal sum of ten percent (10%) of the total amount of the bid of the Principal submitted to the District for the work described below for the payment of which sum in lawful money of the United States, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by this agreement.

Whereas, the Principal has submitted the accompanying bid ("Bid") dated _____, for the following project ("Project"): Proposition 39 LED Lighting Upgrade Project.

Now, therefore, if the Principal does not withdraw its Bid within the period specified, and if the Principal is awarded the Contract and within the period specified fails to enter into a written contract with District, in accordance with the Bid as accepted, or fails to provide the proof of required insurance, the performance bond and/or the payment bond by an admitted surety within the time required, or in the event of unauthorized withdrawal of the Bid, if the Principal pays the District the difference between the amount specified in the Bid and the amount for which District may otherwise procure the required work and/or supplies, if the latter amount is in excess of the former, together with all related costs incurred by District, then the above obligation shall be void and of no effect. Otherwise, the Principal and Surety shall pay to the District the penal sum described above as liquidated damages.

Surety, for value received, hereby agrees that no change, extension of time, alteration or addition to the term of the Contract or the call for bids, or to the work to be performed thereunder, or the Specifications accompanying the same, shall in any way affect its obligation under this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition.

In witness whereof the above-bound parties have executed this instrument under their several seals this _____ day of _____, 2017 the name and corporate seal of each corporate Party being hereunder affixed and these presents duly signed by its undersigned representative, pursuant to the authority of its governing body.

(Corporate Seal)

Principal/Contractor

By _____

Title: _____

(Corporate Seal)

Surety

Attach Attorney-In-Fact Certificate

By _____

Title _____

To be signed by Principal and Surety and Acknowledgment and Notary Seal to be attached.

4) BIDDER'S QUESTIONNAIRE

for

Proposition 39 LED Lighting Upgrade Project

TO THE BIDDER:

In making its award, the Governing Board will take into consideration the Bidder's experience, financial responsibility and capability. The following questionnaire is a part of the bid. Any bid received without this completed questionnaire may be rejected as nonresponsive. The Board will use, but will not be limited to, the information provided herein for evaluating the qualifications and responsibility of the bidder and the bidder's organization to carry out satisfactorily the terms of the Contract Document. The questionnaire must be filled out accurately and completely and submitted with the bid. Any errors, omissions or misrepresentation of information may be considered as a basis for the rejection of the bid and may be grounds for the termination of any contract executed as a result of the bid.

A. Description of Bidder's Organization

1. Firm Name _____

2. Address _____

3. Telephone Number _____

4. Type of Organization

a. Corporation? Yes ____ No ____

If yes, list the officers and positions, and the State in which incorporated.

If the Bidder corporation is a subsidiary, give name and address of parent corporation.

b. Partnership? Yes ____ No ____

If yes, list partner names and addresses

General Partners:

Limited Partners:

c. Individual Proprietorship? Yes ____ No ____

If yes, list name and address of proprietor:

B. Nature of Operations

1. How long have you been engaged in the contracting business under your present business name? _____
2. How many years of experience does your business have in construction work similar to that called for under this bid? _____
3. Have you now contracts, or have you ever contracted, to provide construction for any school district, community college district or county office of education in the State of California? Yes ____ No ____

a. If "yes," on a separate attached sheet, provide the following information for all construction projects you have had with school districts, community college districts and county offices of education during the last four (4) years:

1. Year contract awarded
2. Type of work
3. Contract completion time called for/actual completion time
4. Contract price
5. For whom performed, including person to call for a reference and telephone number
6. Location of work
7. Number of stop notices filed
8. For each contract, list any lawsuits filed relating to that contract in which you were a defendant or plaintiff
9. Amount of liquidated damages assessed.

b. On a separate attached sheet, provide the following information for all construction contracts of a similar nature as called for in this bid that you have had with entities other than school districts, community college districts and county offices of education during the last four (4) years:

1. Year contract awarded
2. Type of work
3. Contract completion time called for/actual completion time
4. Contract price
5. For whom performed, including person to call for reference and phone number
6. Location of work
7. Number of stop notices filed
8. For each contract list any lawsuits filed relating to that contract in which you were a defendant or plaintiff
9. Amount of liquidated damages assessed.

- c. For each construction contract that you have failed to complete within the contract time in the last four years please state the reasons for the untimely performance.

C. Financial and Credit Data

1. If your bid is considered for award, and if requested by the District, will you supply the following data? Yes ____ No ____
 - a. Names and addresses of any banks where you regularly do business.
 - b. The names and addresses of any banks, finance companies, dealers, suppliers, or others where you have notes or loans.
 - c. Give credit references, including at least three trade or industry suppliers with whom you regularly deal.
2. Will you submit on request a balance sheet for the past three (3) years?
Yes ____ No ____
3. Where have you engaged in the construction business, or any other type of business, in the last five years?

<u>Name of Business</u>	<u>Location</u>	<u>Type of Business</u>	<u>Years in Business</u>
-------------------------	-----------------	-------------------------	--------------------------

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

If any of the business endeavors referred to above are no longer operating, or you are no longer associated with them, please give brief details:

4. The following surety companies may be contacted as references as to the financial responsibility and general reliability of the bidder:

Surety Name

Contact Person

Phone Number

I certify under penalty of perjury that the foregoing is true and correct. Executed at _____, California, on _____, 2017.

Signature of Bidder

Name (*print*)

APPENDICES

Appendix A – Itemized Scope of Work

Retrofit existing fluorescent fixtures with new tubular LED T8 lamps and compatible electronic ballasts.:

Table 1. Agnes Johnson School Linear Fluorescent Lighting

Area	Existing						Proposed	
	Fixture Type	Qty of Fixtures	Lamps per Fixt	Qty of Ballasts	Qty of Lamps	Lamp Type	Lamp Type	Ballast Type
C: Boiler Room	Strip	2	2	2	4	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
C1: Storage by Boiler	Strip	1	2	1	2	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
D: Office 2		2	4	4	8	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
E: Office 1	8' Wrap	1	4	2	4	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
F: Front (Main) Office	8' Wrap	2	4	4	8	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
G: Computer Lab & Library Portable	Troffer	16	2	16	32	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
H: Portable Room 8	Troffer	8	2	8	16	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
H1: Room 8 Side Office	Troffer	2	4	4	8	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
H2: Room 8 Side Bay	Troffer	2	2	2	4	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
J: Custodial Storage	Strip	1	1	1	1	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
K: Boy's Restroom	8' Wrap	1	4	2	4	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
L: Girl's Restroom	8' Wrap	1	4	2	4	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
M: Room 6	Box	8	4	16	32	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
N: Room 5	Box	8	4	16	32	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
O: Room 4	Box	8	4	16	32	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast

Area	Existing						Proposed	
	Fixture Type	Qty of Fixtures	Lamps per Fixt	Qty of Ballasts	Qty of Lamps	Lamp Type	Lamp Type	Ballast Type
P: Room 3	Box	8	4	16	32	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
Q: Room 2	Box	8	4	16	32	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
R: Room 1	Box	8	4	16	32	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
	Totals	87		144	287			

Table 2. Redway Linear Fluorescent Fixtures

Building	Area Description	Existing					Proposed	
		Qty of Fixtures	Lamps per Fixture	Qty of Ballasts	Qty of Lamps	Lamp Type	Lamp Type	Ballast Type
B001	Break Room	1	4	1	4	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B001	Office/Basement	2	4	2	8	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B001	Storage/Basement	1	4	2	4	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B001	Storage/Basement	2	4	4	8	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B001	Storage/Basement	1	4	2	4	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B001	Kitchen	4	3	8	12	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B001	Performance Stage	3	4	3	12	34W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B001	Performance Stage	3	4	3	12	34W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B002	Classroom	1	2	1	2	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B002	Classroom	2	1	2	2	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B002	Classroom	12	2	12	24	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B002	Classroom	2	3	4	6	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B002	Classroom	4	3	8	12	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B002	Kitchen	2	2	2	4	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B002	Storage	1	2	0	2	Curved T12	16.5W U LED T8 5000K	Normal Power Output Ballast
B002	Office	2	3	2	6	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast

Building	Area Description	Existing					Proposed	
		Qty of Fixtures	Lamps per Fixture	Qty of Ballasts	Qty of Lamps	Lamp Type	Lamp Type	Ballast Type
B002	Office	2	3	2	6	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B002	Adult Restroom	1	2	1	2	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B002	Kids Restroom	1	2	1	2	40W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	Hallway	5	4	5	20	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	Hallway	13	2	13	26	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	Hallway	1	2	1	2	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	Psychologist	2	3	2	6	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	Speech	2	3	2	6	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	Special Ed	7	2	7	14	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	Occupational Therapy	2	3	2	6	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	English Language	2	3	2	6	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	Unisex Restroom	1	2	1	2	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	Janitor	1	1	1	1	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	Girls RR	1	2	1	2	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	Boys RR	1	2	1	2	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	SDC-1	18	2	18	36	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B006	Resource	8	2	8	16	32W 4' T8	12W 4' LED T8 5000K	Normal Power Output Ballast
B007	Office	5	4	5	20	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B007	Office	1	4	1	4	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B007	Office	2	4	2	8	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B007	Closet	1	4	1	4	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B007	Restroom	1	4	1	4	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B007	Office	1	4	1	4	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B007	Office	1	4	1	4	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast

Building	Area Description	Existing					Proposed	
		Qty of Fixtures	Lamps per Fixture	Qty of Ballasts	Qty of Lamps	Lamp Type	Lamp Type	Ballast Type
B007	Conference Room	2	4	2	8	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B007	Conference Room	2	4	2	8	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B007	Quiet Room	2	4	2	8	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B008	Classroom	5	4	5	20	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B008	Classroom	3	4	3	12	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B008	Classroom	2	4	2	8	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B008	Band Locker	1	4	1	4	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B008	Band Locker	1	4	2	4	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B009	Classroom	4	4	4	16	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B009	Classroom	1	4	1	4	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B009	Classroom	1	4	1	4	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B009	Classroom	4	4	4	16	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B009	Classroom	2	4	2	8	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B010	Classroom	5	4	5	20	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B010	Classroom	6	4	6	24	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
B010	Classroom	1	4	2	4	34W 4' T12	12W 4' LED T8 5000K	Normal Power Output Ballast
Totals		165		180	493			

Replace Existing HID high bay fixtures with new LED high bay fixtures:

Table 3. Agnes Johnson High Bay Fixtures

Area	Existing				Proposed
	Fixture Type	Qty of Fixtures	Fixture Description	Mounting	Fixture Type
A: Gym/Cafeteria	High Bay	9	400W Metal Halide	Monopoint suspended	160W LED High Bay 5000K

Table 4. Redway High bay Fixtures

Building	Area	Existing				Proposed
		Fixture Type	Qty of Fixtures	Fixture Description	Mounting	Fixture Type
B001	Gym/Cafeteria	High Bay	1	250W Metal Halide	Monopoint suspended	160W LED High Bay 5000K
B001	Gym/Cafeteria	High Bay	11	400W Metal Halide	Monopoint suspended	160W LED High Bay 5000K

Replace existing exterior fixtures with new LED fixtures:

Table 5. Agnes Johnson Exterior Fixtures

Fixture Type	Qty of Fixtures	Existing				Proposed	
		Fixture Description	Mounting	Controls	Height	Fixture Type	Sensor
Canopy	3	2-Lamp 14W CFL	Surface - Ceiling	Time Clock	10	20W LED Canopy 5000K	
Wrap	1	2-Lamp 40W 4' T12	Surface - Wall	Switch	8	24W LED Non-Cutoff Wallpack 5000K	Photocell
Strip	6	2-Lamp 40W 4' T12	Surface - Ceiling	Time Clock	10	20W LED Canopy 5000K	
Flood	1	175W Mercury Vapor	Pole - Tenon	Unknown	Unknown	65W LED Pole Mount Fixture 5000K	Photocell
Flood	2	250W Metal Halide	Pole - Tenon	Unknown	Unknown	65W LED Pole Mount Fixture 5000K	Photocell
Wallpack	2	26W CFL	Surface - Wall	Switch	9	20W LED Wallpack 5000K	Photocell
Wallpack	1	35W HPS	Surface - Wall	Time Clock	9	20W LED Wallpack 5000K	
Wallpack	1	45W Incandescent	Surface - Wall	Time Clock	9	20W LED Wallpack 5000K	
Total	17						

Add occupancy sensors to restrooms and classrooms:

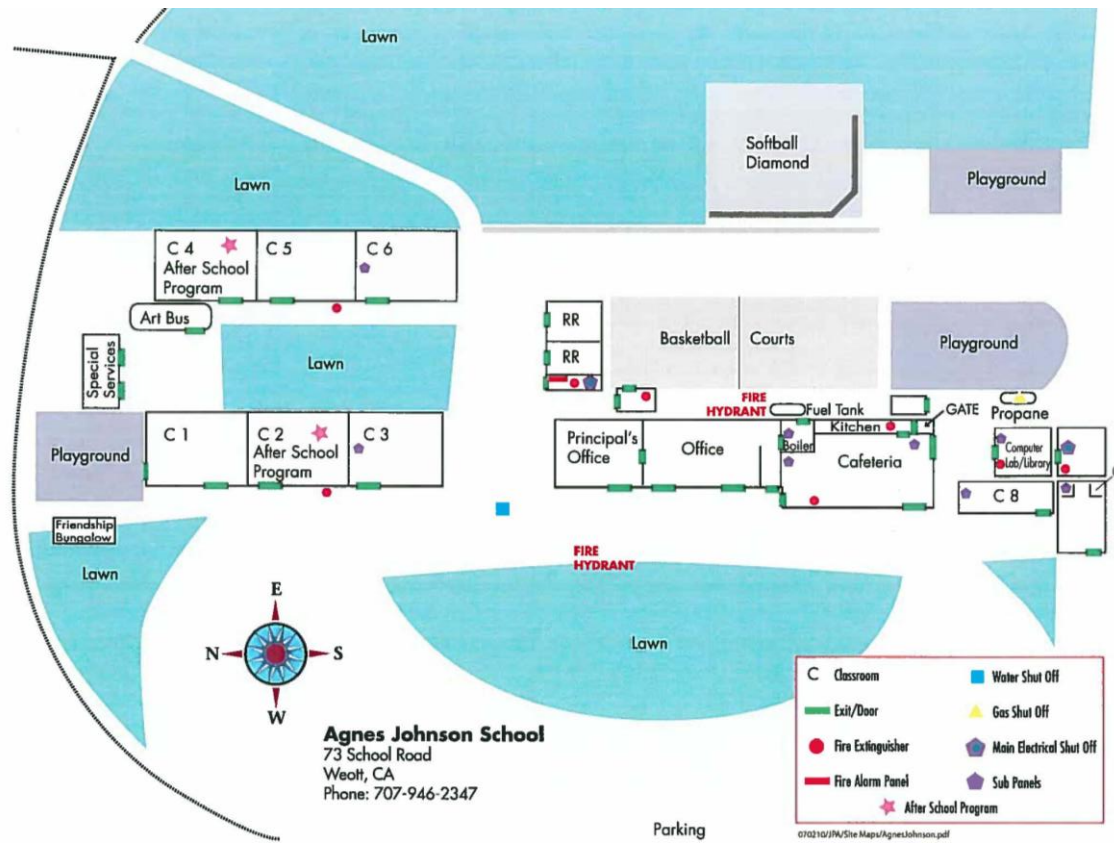
Table 6. Rooms needing occupancy sensors

Room	Qty of Controls	Control Type	Mounting Location
Girls and Boys Bathrooms	2	Dual technology occupancy sensor	Ceiling
Classrooms 1-6	6	Dual technology occupancy sensor	Wall, near corner

Appendix B – Lighting Equipment List

Type	Equivalent Fixture	Qty
12W 4' LED T8 5000K	Philips 12W Instantfit 12T8 / 48-5000	778
Normal Power Output Ballast	Philips Advance ICN-2P32-N-35I	324
20W LED Canopy 5000K	RAB VANLED20	9
24W LED Non-Cutoff Wallpack 5000K	RAB WP2LED24	1
65W LED Pole Mount Fixture 5000K	Cree STR-LWY	3
20W LED Wallpack 5000K	Lumark XTOR2A	4
160W LED High Bay 5000K	Cree CXB-A-UV-M-50K-8-UL-10V with CXB16P16 Reflector and Drop Lens	21
16.5W U LED T8 5000K	Philips 16.5W InstantFit 16.5T8/22.5-5000	2
Dual Technology Ceiling Mount Occupancy Sensor and power pack	Leviton O2C05-MDW	2
Dual Technology Ceiling Mount Occupancy Sensor and power pack	Leviton OSW12-M0W	6

Appendix C –Agnes Johnson School Site map



Appendix D – Redway School Site map

