

**ENERGY PERFORMANCE CONTRACT WORK
REQUEST FOR PROPOSAL**

FOR

**Oak Lawn – Hometown School District 123
Oak Lawn, IL**

NOVEMBER 2, 2015

PREPARED BY:

ARCHITECT

JMA Architects
16125 LaSalle Street
South Holland, IL 60473
708.339.3900

CONSULTING ENGINEER

MILLIES ENGINEERING GROUP
9711 VALPARAISO DRIVE, SUITE A
MUNSTER, INDIANA 46321
708.474.0104

November 2, 2015

Oak Lawn – Hometown School District 123

JMA ARCHITECTS

Millies Engineering Group, Consulting Engineers

Energy Performance Contract Work
Oak Lawn – Hometown School District 123
Oak Lawn, IL

<u>Index</u>	<u>Page No.</u>
I. General Information	2
II. Proposal Submission	5
III. Scope of Services Required	7
IV. Proposal Preparation Instructions	10
V. Proposal Evaluation	12
VI. Significant Provisions of Proposed Performance Contract Agreement	14
VII. Attachments	17
VIII. Technical Appendices	27

SECTION I GENERAL INFORMATION

A. PURPOSE

The Oak Lawn – Hometown School District 123 (hereinafter referred to as the Owner) is seeking specific qualifications and proposal from interested Energy Services Companies (ESCO) which are capable of providing comprehensive energy management and related capital improvement services for this project. The Owner's objective in issuing this Request for Proposal (RFP) is to enter into a guaranteed savings energy services agreement with a qualified ESCO.

ESCOs shall be able to provide and guarantee the capital investment required to fund this project. The dollar amount of funding the contractor is able to supply is to be specified as directed in SECTION IV - PROPOSAL PREPARATION INSTRUCTIONS.

This RFP requires the services of a qualified ESCO to develop and implement a comprehensive energy management program for Oak Lawn – Hometown School District 123. This program shall include but not be limited to energy audit, evaluation and awarding of subcontractors' bid proposals, project management, mechanical retrofits, repair of malfunctioning systems, energy management systems and controls, lighting modifications, maintenance, staff training and energy management services.

Project financing required to implement the program must also be provided with a maximum contract length of twenty (20) years. The energy savings achieved by the installed project must be sufficient to cover all project costs including all financing costs, energy audits, technical proposal reviews, annual maintenance and monitoring fees for the duration of the contract term. Annual Owner payments will not exceed annual savings in accordance with Illinois Public Act 96-1197.

The owner reserves the right to amend the content of this RFP. If it becomes necessary to amend any part of this RFP an addendum will be provided to all parties on the distribution list (those attending the mandatory pre-proposal conference). ESCO's shall acknowledge receipt of all addendums in their responses.

(Note: All necessary engineering design and specifications for this project shall be provided by the School District's Architect/Engineer firms (JMA Architects/Millies Engineering Group, Engineers). All costs related to proposal preparation, technical proposal reviews and design work shall be covered in the ESCO's proposal.

B. STATEMENT OF INTENT

The intent of this project is to provide the Owner with the means to realize maximum utility savings and/or energy related improvements at the facility stated above. Timely implementation of the energy conservation program and minimal disruption of educational activities is of the essence in this project.

C. ISSUING OFFICE

This RFP is issued for and by Oak Lawn – Hometown School District 123. Mike Loftin Assistant Superintendent/CSBO will coordinate the project and will provide names of contact persons and other information as required.

The subject RFP, and technical appendices, have been prepared by the School District in consultation with the District Architect/Engineer. No ESCO or contractor has been involved in the RFP preparation.

D. PERFORMANCE CONTRACTING

For the purposes of this document, "Performance-based energy efficiency contract," means a contract for energy efficiency services and equipment in which the payment obligation is guaranteed by the ESCO under contract to be less than the energy cost savings attributable to the services or equipment under the contract, for the term of the agreement (not-to-exceed twenty [20] years). The responsibility for meeting the requirements of Public Act 96-1197 shall be that of the selected ESCO.

The ESCO's energy and operational guarantees shall be a first party guarantee from the ESCO to the Owner. No third party guarantees shall be accepted. The ESCO shall provide annual energy audits and full description of same.

E. PERFORMANCE CONTRACT AGREEMENT

It is proposed that when an agreement is entered into as a result of this RFP, it will be a Performance Contract Agreement ("the agreement"). Negotiations shall be undertaken with the contractor whose understanding, qualifications, experience, technical approach, design concept, and financial terms show them to be qualified, responsible and capable of performing the work. The agreement that will be entered into will be the one which is most advantageous to the Owner. The Owner reserves the right to reject any and all proposals and to waive informalities and minor irregularities in submissions received and to accept any submissions if deemed in the best interest of the Owner to do so.

Modifications to the proposal including pricing for the purpose of selecting the ESCO will not be accepted after the proposal due date.

The owner reserves the right to change any component of the proposal after the ESCO is selected.

If the Owner and the selected ESCO have not executed the agreement within thirty (30) days after its submission to the selected contractor, the School District may terminate negotiations with that ESCO and may initiate negotiations with an alternative respondent.

If the Owner agrees to the terms of the ESCO's final proposal, those terms will be incorporated in the agreement and the ESCO will proceed to implement the recommended measures.

Refer to Section VI for "Significant Provisions of the Proposed Performance Contract Agreement".

F. PAYMENTS

Fixed payments shall be made to the ESCO or its assignee for the term of this agreement. Such payments shall not exceed the total energy and operational savings realized under this program for the term of this agreement.

Payments for cost of services incurred prior to the execution of contract and final agreement and all costs associated with submission and preparation of a response to the RFP will be the sole responsibility of the ESCO.

G. PRIME CONTRACTOR

The selected ESCO will be required to assume responsibility for all services offered in his proposal whether or not he produces them. Furthermore, the Owner will consider the selected ESCO to be the sole point of contact with regard to contractual matters, including payment of any and all charges resulting from the agreement or any underlying contract.

H. PRE-PROPOSAL CONFERENCE

A mandatory pre-proposal conference will be held at the Oak Lawn – Hometown SD123, Administration Office, 4201 West 93rd Street, Oak Lawn, IL 60453 on November 10, 2015 at 1:00 PM. The pre-proposal conference is for information only. Answers furnished will not be considered official until verified in writing by the District Architect (JMA ARCHITECTS) and Engineer (Millies Engineering Group). Answers that change or substantially clarify the RFP will be affirmed in a written supplement. Copies will be provided to all attendees. Proposals from ESCOs who fail to send representatives to the pre-proposal conference will receive no consideration.

I. SITE VISITS

Site visitation will be conducted on an appointment basis. Appointments should be scheduled with Paul Andersen at pandersen@sd123.org.

J. INQUIRIES

Questions that arise prior to the pre-proposal conference shall be submitted in writing to the Issuing Office, to the attention of Mike Loftin at mloftin@d123.org.

If additional information is necessary to provide clarification of provisions of this RFP a written supplement will be provided to all parties on the distribution list. ESCO's will acknowledge receipt of all supplements in their response.

The owner is not responsible for oral interpretation given by any employee of the owner, architect or engineer. The issuance of a written addendum or supplement is the only official interpretation, clarification or additional information.

K. PROPOSALS

Interested ESCOs shall demonstrate their qualifications and experience in providing comprehensive energy management services and financing as described in SECTION III - SCOPE OF SERVICES REQUIRED and SECTION IV - PROPOSAL PREPARATION INSTRUCTIONS.

It shall be understood by the responding ESCOs that the Owner reserves the right to accept any proposal, to reject any and all proposals and to waive any irregularities or informalities when doing so is in the best interest of the Owner.

ESCO's may include additional information and data that they believe to be helpful to the owner in the evaluation of their RFP response.

ESCO's shall note any deviations from the RFP on their submitted response. If proposing an alternative other than those indicated in the RFP, it must be clearly labeled as such.

ESCO's must clearly identify any exceptions they take to the main body of the RFP or an addendum, appendix, exhibit or supplement to the RFP. Exemptions to the RFP may result in the rejection or reconsideration of the entire proposal.

SECTION II PROPOSAL SUBMISSION

A. SUBMISSION

ESCOs who wishes to be considered by the Owner must submit an original and five (5) copies of the proposal, (include a flash drive with an identical copy of the proposal) as outlined in Section IV, including all required attachments, for the subject project, with all requested data included by 2:00 PM, December 3, 2015. Submissions shall be placed in a sealed envelope and sent to:

Oak Lawn – Hometown School District 123
4201 West 93rd Street
Oak Lawn, IL 60453

Attention: Mike Loftin
Assistant Superintendant/CSBO

All submissions become property of the Owner and will not be returned to the ESCO. The Owner will conduct a public opening and inventory of submissions received. Cost information will not be read aloud.

B. ASSIGNMENT

The ESCO shall not assign or transfer any interest in its agreement, make changes in the financial arrangements or sources, nor alter the schedule for implementation, without the prior written consent of the Owner. Claims for money due or to become due to the ESCO from the Owner may be assigned to a bank, trust company, or other financial institution, without such prior written notice, provided the ESCO notifies the Owner.

C. QUALIFICATIONS

The submission of a proposal deems permission to the Owner and to its consultants to make inquiries concerning the ESCO and its principals, officers and directors to any persons or firms the Owner deems appropriate.

ESCO shall provide all information requested and complete Attachment No. 1 - ESCO profile form.

D. PROPRIETARY INFORMATION

If a proposal includes any proprietary data or information that the ESCO does not want disclosed to the public, such data or information must be specifically identified as such on every page on which it is found. Data or information so identified will be used by the Owner solely for the purposes of evaluating proposals and conducting contract negotiations.

E. DISTRICT ARCHITECT/ENGINEER RFP PREPARATION AND TECHNICAL REVIEW

The fees associated with the District's Architect/Engineer services for RFP preparation and proposal technical review shall be paid by the Owner.

F. DESIGN WORK

All engineering and design work related to the installation or modification of facilities shall be performed by the Owner's Architects (JMA Architects)/Engineers (Millies Engineering Group). All cost and fees associated with the design work shall be included in the ESCO's proposal and the Owner shall be reimbursed for all amounts paid the District's Architect/Engineer for these services.

All installation and construction work, shall be performed by ESCO licensed in the State of Illinois.

G. KEY PERSONNEL

Key personnel assigned to this project by the ESCO and its subcontractors shall not be removed from this project without the prior written approval of the Owner. Such approval may not be unreasonably withheld.

H. TAXES

The ESCO shall be responsible for payment of taxes, including all, if any, applicable sales taxes, from the funds thus received or provided under this agreement.

I. FEES

The ESCO shall be responsible for securing and paying fees for all applicable permits, bonds, approvals, etc., required for the execution of the final agreement or any underlying construction contract.

J. TIME TABLE

Oak Lawn – Hometown School District 123 expect to undertake the selection process based on the following schedule. (The schedule is subject to change and all respondents will be notified as to schedule changes.)

Advertise in newspaper and CDB Bulletin	November 2, 2015
RFP manuals available to ESCO	November 2, 2015
Pre-proposal conference	November 10, 2015 1:00 PM
Submission of proposal	December 3, 2015 2:00 PM
Consultant review submitted	December 10, 2015
Interview with finalist	Date To Be Determined
Selection of contractor (Letter of Intent)	Date To Be Determined
Award contract	Date To Be Determined

SECTION III SCOPE OF SERVICES REQUIRED

In response to this RFP, the ESCO shall specifically address, in detail, the items listed below for Oak Lawn – Hometown School District 123.

A. FACILITY AUDIT

The ESCO shall have performed a facility audit and engineering studies sufficient to develop an energy management approach for reducing energy consumption and costs at the facilities. The owner has had a SEDAC energy audit performed in February, 2015. Copies of the audit can be obtained from the owner – contact Mike Loftin at mloftin@sd123.org to request a copy

B. ENERGY CONSERVATION PROGRAM

The ESCO shall have presented an energy conservation program for the facility detailing the specific energy conservation measures and maintenance services that it will implement at the facility. As a minimum, the ESCO shall include all primary ECMs listed in SECTION VIII -TECHNICAL APPENDICES for the facilities and any additional ECMs or alternatives the ESCO wishes the Owner to consider. The program is to include the projected equipment costs and savings, the implementation schedule and any subcontractor arrangements. Each Energy Conservation Measure (ECM) must be itemized as to cost and savings (format - Attachments #2A and #2B). Maintenance service agreement and on-going audit/monitoring costs must be included in Attachment #2A spreadsheet. No extra or hidden costs will be permitted for the term of the Performance Contract.

The ESCO shall provide a detailed written narrative of all work to be provided for each ECM including schematic drawings, equipment lists, specification sheets for equipment and all other items to be provided as part of the ECM.

C. METHODOLOGY

In order to be considered a responsible proposer, the ESCO must identify the specific Energy Conservation Measures (ECM's) which it intends to perform, and the aggregate energy savings it expects to achieve upon implementation of the project. The ESCO must explain (in detail) its methodology for projecting energy savings, and offer supporting documentation, showing precisely how the expected energy savings figure was derived. The ESCO must state the unit consumption and cost of utilities used in its savings projections for each facility. Heavy emphasis will be placed on the perceived validity of the ESCO's methodology and experience in projecting energy savings.

The ESCO must include detailed energy savings calculations for each ECM proposed.

The ESCO shall itemize operational savings and detail where actual school budget reductions will occur. Operational savings must be approved by the Owner.

The ESCO must describe the method or methods used to compute baseline energy use and for calculating adjustments to the baseline, due to such factors as weather and facility use change.

The ESCO must describe their procedures and methods for measuring project's financial performance and how the guarantee provisions work, in the event that project results vary both positively and negatively from the projections.

The ESCO must identify all rebates that can be obtained from performing the work included in their response along with any cost to obtain the rebates.

The ESCOs must describe their standard billing procedures and attach a sample project invoice.

The ESCO should describe their method for division of responsibility for equipment service during the term of the agreement.

The successful ESCO shall provide a detailed list of all equipment, hardware and subcontractors proposed to be used in the Owner's facilities.

D. PROJECT SCHEDULE

Provide a milestone chart detailing the proposed schedule for each ECM, listed by months, tasks and schedule for procurement and installation of the equipment and systems. The owners desire is to have all work completed over the summer of 2016.

The Owner plans to maintain its present operating schedule during the course of the project. The ESCO shall schedule work to minimize the interruption of services and down time.

E. MONITORING

The ESCO shall provide a description of its approach for ongoing monitoring of this project's performance (including frequency, procedures for handling emergencies, approach to maintain "School Code Comfort" standards, etc.).

The Owner shall provide all required regular maintenance of systems and equipment provided for the subject facilities based on ESCO provided manufacturers checklists.

The ESCO shall describe the service and maintenance procedures for which the ESCO will be responsible to provide as part of their proposal.

F. TRAINING

The ESCO shall also provide training in the proper operation of all new and/or renovated systems, controls and equipment for the Owner's in-house maintenance staff. This training shall take the form of training classes. Provide owner video of all training and all applicable maintenance manuals. ESCO shall submit proposed training time to be included in the agreement.

G. STANDARD OF SERVICE

The standards of service provided for the Owner's facilities including heating, ventilation, air conditioning and humidity shall be in accordance with the requirements of all Illinois State Board of Education standards, including the health/life safety code for public schools and all applicable local and energy codes. All proposed changes to current facility operating conditions shall be identified in the ESCO's proposal and shall be subject to Owner's review.

H. LIGHTING

Lighting retrofits shall exceed the minimum recommended luminescence levels published by Illuminating Engineering Society (IES). Any equipment installed by the ESCO as a part of a performance-based contract shall be new and free of defects. All proposed changes in lighting levels shall be identified in the ESCO's proposal and shall be subject to Owner's review. New lighting system shall comply with minimum standards indicated in Section VIII - Technical Appendices. The cost of disposal of all lighting fixtures, ballasts and equipment to be replaced and removed by the ESCO from Owner's facilities shall be borne by the ESCO and included in his proposal.

All lighting product submitted shall be DLC certified (Design Lighting Consortium).

New fluorescent electronic ballasts shall have a maximum total harmonic distortion of 15%, maximum third harmonic of 6%, "A" sound rating, and a maximum lamp current crest factor of 1.5, and be equivalent to Advance Centium Series.

New LED lighting product shall provide performance data per LM-80/TM-21 meeting technical appendices requirements as well as CRI, maximum drive current, binning constraints, etc.

I. ADDITIONAL INFORMATION

There shall be a minimum one (1) year warranty on all work, parts and equipment provided by the ESCO. Such warranty to be provided by both the ESCO and the applicable manufacturer(s) and to commence upon the date of final completion and acceptance of the applicable work.

The ESCO shall provide a fulltime on-site construction superintendent (approved by the owner) during the construction of the project. The construction manager shall be employed directly by the ESCO.

The owner expectation is that there are no change orders to properly install the work described in the ESCO's response to this RFP.

The ESCO shall provide at least three (3) sets of operation and maintenance manuals for each site including all new equipment and systems, commissioning reports and a-built drawings (in paper and electronic format).

Owner must approve product submittals and subcontractor selection prior to commencing work. ESCO shall identify in their proposal the portion of the project they intend to implement with direct employees and the portion to be provided by each listed subcontractor.

Provide an explanation of any additional tasks to be performed, which are deemed necessary by the proposer, for successful project completion or any explanation of any deviation from and/or deletion of any tasks listed in SECTION III - SCOPE OF SERVICES REQUIRED.

SECTION IV PROPOSAL PREPARATION INSTRUCTIONS

The ESCO proposer shall set forth, in sufficient detail, the technical and financial plan by which he intends to meet each requirement contained herein. The proposer shall also provide sufficient information for the Owner and its consultants to evaluate its experience and its qualifications to perform this project including items requested in Sections II and III.

Proposals must be submitted in the format outlined in this section, with each of the described forms and sections completed in full. Each proposal will be reviewed to determine if it is complete prior to actual evaluation. Proposals not containing the information requested will be considered unacceptable by the Owner. Proposals will be evaluated in light of the material and the substantiating evidence presented in the proposal, and not on the basis of what is inferred.

The cost of preparing a response to this RFP, including site visits and preliminary engineering analyses, will not be reimbursed in any way by the Owner.

A. TABLE OF CONTENTS

Proposals shall include a table of contents properly annotated with respect to section and page numbers to facilitate locating the information included.

B. EXECUTIVE SUMMARY

Proposals shall include a concise abstract stating the proposer's overview of the project.

C. PUBLIC ACT 96-1197

Proposals shall include an overview of Illinois Legislation regarding Performance Contracting.

D. EXPERIENCE AND QUALIFICATION

The proposer shall prepare and submit Attachment No. 1 - ESCO profile form, as outlined in Section II - Proposal Submission.

E. TECHNICAL APPROACH

The proposer shall prepare a scope of services which specifically responds in order listed to each item specified in SECTION III - Scope of Services Required. This section shall present a detailed statement of the methodology to be utilized to carry out each task and precise description of the deliverable to be received by the Owner as end products of the services rendered.

F. FINANCIAL APPROACH

The proposal should contain the following information about the financial terms of the proposed transactions.

1. Information about the ESCOs projections as to: (a) total annual energy savings, (b) annual payments to the respondent and (c) the net benefit to the Owner from the proposed transaction should be provided.
2. A description of important financial terms should be included. This section must include:
 - a. The method to be used in determining the Owner's payments

- b. The frequency of these payments
 - c. The term of the proposed agreement
 - d. A guarantee of energy savings or cash flow
 - e. The ESCO's strategy for minimizing the degree of risk assumed by the Owner and any other terms or information relevant to the financial aspects of the proposed transaction (other than information concerning the method to be used to measure energy savings).
 - f. Method utilized to obtain the best prices for the owner both initially and if additional work is requested after the contract is awarded.
3. Provide a description of the method(s) to be used to monitor and measure energy and operational savings achieved in the Owner's facilities through the implemented ECMs (including any methods to be used to adjust for factors such as weather, or changes in the use or structure of facilities) should be included in the proposal; also state ESCO's proposed "base line" year. (If a computer program is to be used for monitoring energy savings, submit back-up information on the program.)
 4. Proposer should include a description of maintenance, support services, and energy monitoring reporting to be a part of the guaranteed saving contract including associated cost. In short, all should be part of the guaranteed savings contract. All maintenance and monitoring to be provided shall be for the length of the contract.
 5. In the event that the actual savings are less than the amount stated in the contract, the ESCO will pay the Owner the difference between the guaranteed and the actual amount. Savings in excess of the guaranteed amount will be retained by the Owner.
 6. An outline of the purchase options available to the Owner, including the times when such options will be available and the costs of exercising such options.
 7. A description of the ESCOs' source(s) of financing for this project (including, for example, any contingencies that must be met in order to obtain such financing, and if any debt financing is involved, the percentage of total project cost to be financed with debt, the anticipated interest rate and the term of the loan) should be included.
 8. ESCO shall list all possible grant opportunities that are available based on the proposed ECM's. ESCO shall describe how they will assist the owner in obtaining the applicable grants.

G. OFFICIAL STATEMENTS BY RESPONDENT

Proposals must contain statements to the following effect, signed by an individual authorized to bind the ESCO.

1. The ESCO has read and agrees to the terms and conditions set forth in this RFP.
2. The terms and conditions set forth in the proposal will remain open for at least ninety (90) days from the deadline for submission of proposals.

H. APPENDICES

Attach a sample of ESCO's standard performance contract and a sample project invoice.

SECTION V PROPOSAL EVALUATION

The evaluation committee may conduct interviews with some or all of the finalists to clarify information provided in the proposals. Following these interviews, the evaluation committee will recommend an ESCO to the Owner's Board of Education. The Owner's Board of Education will make a final selection based upon the evaluation committee's recommendation and such other factors as the Board deems to be in its best interests.

Proposals will be evaluated and scored on the basis of the following criteria, which will be accorded the relative weight indicated in parentheses.

A. EXPERIENCE AND QUALIFICATIONS OF THE RESPONDENT (25%)

Preference will be given to ESCOs demonstrating strong capabilities, experience and reputation in undertakings similar to those described in this RFP and providing authoritative documentation of the ESCO's financial condition and stability.

B. TECHNICAL APPROACH (25%)

Proposals should include a detailed and sound technical approach to meeting the Owner's energy efficiency objectives, operational objectives and should include the installed cost, energy savings and operational savings of each proposed energy conservation measure. (Itemize each ECM.)

Include a section explaining each facilities needs and solutions and the ESCO's recommendation for all proposed improvement. Provide a complete description of all work, materials and equipment to be provided for each individual ECM. Provided an equipment list with manufacturer for each ECM.

Proposals should also outline the ESCO's specific responsibilities for operation, maintenance and repair of equipment and systems following installation (including the repair of the Owner's existing equipment) and should demonstrate the ability of the ESCO to provide services on both a routine and an emergency basis.

C. FINANCIAL TERMS (25%)

Preference will be given to proposals that responsibly maximize the economic benefit to the Owner and that responsibly minimize the risk to the Owner, in connection with the proposed transaction. Factors that will be considered include:

1. The proposed term (length) of the Performance Contract Agreement, the net dollar benefit to the Owner from entering into the transaction.
2. The methods that will be used to determine the amount of the ESCO's compensation.
3. The amount of energy and operational savings achieved in the Owner's facilities.
4. Purchase option terms (both during the term of and at the end of the Performance Contract Agreement).
5. The ESCO's source(s) of financing, the nature and amount of benefits to be claimed by the ESCO.
6. The degree to which the ESCO has minimized the Owner's risk in connection with the project (guaranteed level of energy savings in dollars or in units of consumption).

D. ABILITY TO IMPLEMENT PROJECT PROMPTLY (20%)

Preference will be given to proposals demonstrating an ability and previous experience to carry out the tasks and responsibilities outlined in the proposal, including project management, equipment procurement, system installation and system commissioning, in a prompt, complete and efficient manner.

E. TRAINING/EDUCATION (5%)

Proposals should include a detailed description of the technical training/education program to be provided for the Owner to ensure the intended knowledge is provided to, and received by, and understood by the Owner's designated, responsible personnel. The plan should include such areas as:

1. System operations and maintenance instruction
2. Energy management system operations
3. Energy management system programming
4. Review system commissioning reports
5. Review of ESCO provided as-built drawings.
6. Review of ESCO provided Operation and Maintenance manuals.

SECTION VI

SIGNIFICANT PROVISIONS OF PROPOSED PERFORMANCE CONTRACT AGREEMENT

The Owner intends to include the terms described in this section in the final agreement to be submitted to the selected ESCO. However, the Owner reserves the right to include additional terms in the final agreement, or to refrain from including any or all of the terms listed below.

A. TRADE NAMES AND PATENTS

Whenever an article of any class of materials or equipment is specified by the trade name of any particular patentee, manufacturer or dealer, or by reference to the catalog of any such manufacturer or dealer, it shall be taken to mean and specify the article or articles of materials described or equal thereto in quality, finish and durability and equally as serviceable for the purpose for which it is or they are intended. The Owner shall make the decision as to whether the materials or equipment offered are equal to those specified.

B. PATENT AND PATENT RIGHTS

The ESCO shall protect and save the Owner, its Board of Education, its officers and employees (hereinafter, the "Indemnities") harmless against all claims and actions brought against the Owner's Indemnities, by reason of any actual infringement upon patent rights in any material, process, machine or appliance used by the ESCO in the work and project.

C. RIGHT-OF-WAY

The necessary right-of-way for any construction to be done across or in private property will be the responsibility of the Owner. The ESCO shall take due and proper precautions against any injury to adjacent structures and shall hold himself strictly within the rights secured to him by the Owner in prosecuting the work on private property.

D. LABOR LAWS AND ORDINANCES

The ESCO shall obey and abide by all the laws of the State of Illinois relating to the employment of labor and public work and all ordinances and requirements of the Owner regulating or applying to public improvements.

The ESCO agrees not to discriminate against any employee or applicant for employment, to be employed in the performance of this agreement, with respect to hire, tenure, terms, conditions or privileges of employment or any matter directly or indirectly related to employment, because of age, race, color, religion, national origin, creed, political affiliation, sex, handicap, marital status, sexual orientation, unsatisfactory military discharge, ancestry or other basis prohibited under state or federal law (except where based on a bona fide occupational qualification). The ESCO further agrees that every subcontract entered into for the performance of the agreement will contain a provision requiring non-discrimination in employment, as herein specified, binding upon each subcontractor. Breach of this covenant may be regarded as material breach of the agreement.

E. WORKERS' COMPENSATION INSURANCE

The ESCO shall procure and maintain, during the life of this agreement, Workers' Compensation Insurance in accordance with the Workers' Compensation Act of the State of Illinois, adequately protecting all labor employed by the ESCO during the life of this agreement and shall provide evidence to the Owner that such insurance is, in fact, in force.

F. COMPREHENSIVE GENERAL LIABILITY INSURANCE

The ESCO shall procure and shall maintain in effect, during the life of this agreement, Comprehensive General Liability Insurance in an amount not less than \$2,000,000 each occurrence/\$3,000,000 aggregate, \$2,000,000 products/completed, \$1,000,000 aggregate for Bodily Injury Liability, \$1,000,000 each occurrence for Property Damage Liability, \$50,000 Fire Damage Legal Liability and \$5,000 medical expense any one person. In addition, Comprehensive General Liability Insurance shall include coverage for Personal Injury Liability (including employment related suits), Independent Contractor's Liability, Blanket Contractual Liability and Products and Completed Operations Liability.

G. COMPREHENSIVE NO-FAULT AUTOMOBILE LIABILITY INSURANCE

The ESCO shall procure and maintain in effect, during the life of this agreement, Comprehensive No-Fault Automobile Liability Insurance with residual limits of \$1,000,000 each occurrence for Bodily Injury and Property Damage Liability, \$1,000,000 Uninsured and Under Insured Motorist Insurance and \$5,000 per insured auto medical payments. Such coverage is to include Employer's Non-Owned and Hired Liability and is to cover all vehicles owned, leased, operated by, or for, or on behalf of the ESCO.

H. UMBRELLA LIABILITY INSURANCE

The ESCO shall procure and maintain in effect, during the life of this agreement, an Umbrella Liability Policy which will apply in addition to those insurance coverages specified in Sections F and G above. Such policies shall have a limit of liability of \$5,000,000 for each occurrence and \$5,000,000 aggregate.

All insurance listed in Sections E through H shall be written with a Best's Insurance Rating of no less than A-8 Class VIII. All such policies of insurance shall be primary and non-contributory and shall name the Owner as additional insured. All property damage liability insurance must be on a replacement coverage basis and also include actual expenses incurred on the loss of use of any such tangible personal property. All such policies of insurance shall include coverage under the Scaffolding Act and shall be written by companies approved by the Owner. All insurance shall be continuously maintained throughout execution of the project and updated as needed throughout the project. All such policies shall require at least 30 days advanced written notice to the Owner in the event of a proposed non-renewal, cancellation, modification of any kind and/or expiration of the term. If the Owner is damaged by the failure of the ESCO to maintain such insurance or by the application of deductibles or failure of the insurance company to pay in full any claim, then the ESCO shall bear all reasonable costs properly attributed thereto.

I. INDEMNIFICATION

Certificates of Insurance evidencing all the above referenced insurance coverage shall be delivered to the Owner by the ESCO upon the execution of the final agreement and shall include a clause which states that the ESCO shall defend, indemnify and hold the Owner and its Board of Education, its officers, employees, architect and engineer (hereinafter "Indemnities") harmless from any and all claims and judgments to which the Owner and Indemnities may be subjected or which it may suffer or incur by reason thereof.

Additionally, the ESCO agrees to indemnify, defend and hold the Owner and Indemnities harmless from any and all claims, actions, costs, expenses, damages and liabilities, including reasonable attorneys' fees, arising out of, connected with, or resulting from the negligence or misconduct of the ESCO or its employees or other agents in connection with its activities within the scope of this agreement, insofar as any such loss or claim is not covered by available insurance proceeds. The duty to indemnify will continue in full force and effect notwithstanding the expiration or early termination of this agreement with respect to any claims, based on facts or conditions which occurred prior to termination.

J. BONDS AND INSURANCE

The successful proposer will be required to execute bonds, with sureties acceptable to the Owner; one bond to be executed to the Owner and to be continued for the faithful performance and fulfillment of the agreement and to include the protection of the Owner from all liens and damages arising out of the work and the other bond to be executed to the Owner and to be conditioned for the payment of all labor and materials used in the work and the protection of the Owner from all liens and damages arising therefrom, each of which bonds shall be in the amount (equal to one hundred percent [100%]) of the total amount of ESCO's initial investment in the work and project as calculated at the time the proposals were received). A second bond (efficiency guarantee) to be executed to the Owner and to be conditioned for the payment of guaranteed energy and operational savings projected and shall be in the amount equal to one hundred percent (100%) of the guaranteed savings at the time of the proposal. The term of the bond shall be the term of the agreement.

Insurance policies required under this agreement to be carried by the ESCO shall state that they shall not be changed or canceled without thirty (30) days' prior written notification to the Owner. Upon written request at any time prior to or during the term of this agreement, the Owner and Indemnities (a) shall be named as an additional insured under any or all insurance policies required to be maintained by the ESCO and (b) shall be provided with insurance company certificates certifying that such policies are in full force and effect.

K. STANDARDS OF SERVICE

The ESCO will maintain and operate the equipment in a manner that will provide the standards of service and comfort (i.e., heating, cooling, hot water, lighting and so forth) described in the technical appendices (as submitted by ESCO and approved by the Owner). Specific lighting levels shall be maintained per the Technical Appendices and the Illinois Life Safety Code for Public Schools (lighting measurements to be taken with curtains/blinds closed at desk height).

L. COMPLIANCE WITH LAW AND STANDARD PRACTICES

The ESCO shall perform its obligations hereunder in compliance with any and all applicable federal, state and local statutes, laws, rules and regulations, including applicable licensing requirements, in accordance with sound engineering and safety practices and in compliance with any and all reasonable rules of the Owner relative to its facilities. The ESCO shall be responsible for obtaining all governmental permits, consents and authorizations as may be required to perform its obligations hereunder. Illinois Prevailing Wage Act shall be applicable to and utilized by the ESCO in the performance of all work on the project. See Attachment No. 3 for current wage rate listing.

SECTION VII

ATTACHMENTS

ENERGY PERFORMANCE CONTRACT WORK

Oak Lawn – Hometown School District 123

ATTACHMENT NO. 1

Energy Performance Contracting Work
ESCO Profile Form

1. Organization Name _____

Business Address _____

City _____ State _____

County _____ Zip Code _____

1a. Names and Titles of Two Contact People

1) _____ Phone (____) _____

2) _____ Phone (____) _____

1b. Submittal is for ☐ Parent Company
☐ Division
☐ Subsidiary
☐ Branch Office

List any Division or Branch Offices which are to be included in the Prequalification Rating. (Attach separate list if more than one is to be included.)

Name of Organization

Address

2. Date Prepared _____

3. Type of Organization ☐ Corporation
☐ Partnership
☐ Sole Ownership
☐ Joint Venture

4. Federal Employer Identification Number _____

5. Year Organization was Established _____

6. Name and Address of Parent Company, if applicable.

7. Former Organization Name(s), if applicable.

8a. Please indicate if your Organization is a recognized Minority Business Enterprise.

☐ Yes ☐ No

8b. If yes, please indicate the appropriate category.

☐ American Indian ☐ Spanish Surname
☐ Asian-American ☐ Female-Owned
☐ Black ☐ Other _____

9. Five-year summary of contract values for energy related services (insert Index Number).

					Index #	Range of Contract Values
					1	Less than \$ 100,000
					2	\$ 100,000 - \$ 200,000
					3	\$ 250,000 - \$ 500,000
					4	\$ 500,000 - \$ 1 Million
					5	\$ 1 Million - \$ 2 Million
					6	\$ 2 Million - \$ 5 Million
					7	\$ 5 Million - \$10 Million
					8	\$10 Million - \$25 Million
					9	Greater than \$25 Million
2006	2007	2008	2009	2010		
Index # _____	_____	_____	_____	_____		

Note: All questions must be addressed by the ESCO organization in order for this qualification form to be properly completed. Failure of the ESCO to answer any question or comply with any directive contained in this form may be used by the Owner as grounds to find them ineligible. If a question or directive does not pertain to your organization in any way, please indicate that fact with the symbol N/A. For additional space, attach 8-1/2" x 11" sheets and indicate reference number (i.e., 12a, 12b, etc.) to correspond with each question.

10. CORPORATE BACKGROUND / HISTORICAL DATA

10a. How many years has your organization been in business under its present name?

____ Years

10b. Indicate all other names by which your organization has been known and the length of time known by each name.

10c. How many years has your organization been involved in energy-related business?

____ Years

10d. Please identify all states in which your organization is legally qualified to do business.

10e. List any project with schools with which your organization has entered litigation or arbitration with the school in the past 10 years. Provide a brief summary detailing the litigation/arbitration.

11. PERSONNEL INFORMATION

11a. Please attach the resumes of the principal individuals who will be directly responsible for this project. Please indicate the specific qualifications of each individual and the role they will play for the duration of the contract. Clearly identify who will have the primary responsibility for general project management, construction superintendent and technical analysis and design input for the project.

11b. Please give the number of years of design and construction experience for each of the above individuals and describe all supervisory responsibilities; please provide a list of comparable projects each individual has been associated with during the last five (5) years including type of project and size.

11c. Please identify your organization's legal counsel for this project. Give the name and address of the primary individual responsible for contract negotiation.

12. FINANCIAL REFERENCES

12a. Please attach your organization's most recent annual report.

12b. Please attach your organization's three (3) most recent (audited) year-ending Statements of Financial Condition, including balance sheet and income statement.

12c. Please provide the name, address and the telephone number of organization(s) that prepared your Financial Statements.

12d. Please describe how your organization has internally accounted for the energy savings guarantee in past projects and how your organization proposes to account internally for the guarantee to Oak Lawn – Hometown School District 123.

13. PROJECT HISTORY

On separate sheets of 8-1/2" x 11" paper (per project), please briefly describe a minimum of five (5) Illinois public school energy performance contracts which your organization has managed. Please put an asterisk by those project references involving buildings similar to the building(s) described in this project. Number each heading as follows.

13a. Project

13b. Location

13c. Project Amount (installed project costs)

13d. Source of Funds

13e. Type of Contract (i.e., shared-savings, lease purchase, guaranteed savings)

13f. Owner

13g. Designer: Name(s) of primary technical design personnel

13h. Start and End Dates

13i. Projected Annual Energy Savings (Therms, KWH, KW, Gallons)

13j. Achieved Annual Energy Savings (Therms, KWH, KW, Gallons)

13k. ESCO Notes or Comments

13l. Please provide the names and telephone numbers of the owner(s) representatives with whom your organization has done business on each of the projects listed in your summary.

14. AUTHORIZATION

14a. Dated at _____

this _____ day of _____ 20__.

Name of ESCO Organization:

By _____

Title _____

15. NOTARY STATEMENT

15a. Mr./Ms. _____ being duly sworn deposes and says that he/she is the
_____ of _____, ESCO organization(s) and that
answers to the foregoing questions and all statements therein contained are true and correct.

15b. Subscribed and sworn before me this _____ day of _____ 20____

Notary Public _____

My Commission Expires _____

ENERGY CONSERVATION MEASURE SUMMARY TABLE
Oak Lawn – Hometown School District 123
(ATTACHMENT 2A)

[illegible]

CASH FLOW SUMMARY TABLE
Oak Lawn – Hometown School District 123
(ATTACHMENT 2B)

YEAR	UTILITY COST	ENERGY SAVINGS	OPERATIONAL SAVINGS	TOTAL SAVINGS	PROJECT COST	FINANCE COSTS	TOTAL PROJECT COST	SERVICE AGREEMENT	ANNUAL CASH FLOW	CUMULATIVE CASH FLOW
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

1. PERCENTAGE UTILITY COSTS ARE ANNUALLY INFLATED

2. PROJECT ASSUMPTIONS:

- AMOUNT FINANCED
- FINANCE COST
- TERM OF AGREEMENT
- INTEREST RATES

ATTACHMENT 3
ILLINOIS DEPARTMENT OF LABOR
PREVAILING WAGE RATES

This project shall require compliance with Illinois prevailing wages including fringe benefits. Refer to the attached for current rates.

Cook County Prevailing Wage for July 2015

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
=====	==	===	=	=====	=====	=====	===	===	=====	=====	=====	=====
ASBESTOS ABT-GEN		ALL		39.400	39.950	1.5	1.5	2.0	13.98	10.72	0.000	0.500
ASBESTOS ABT-MEC		BLD		36.340	38.840	1.5	1.5	2.0	11.47	10.96	0.000	0.720
BOILERMAKER		BLD		47.070	51.300	2.0	2.0	2.0	6.970	18.13	0.000	0.400
BRICK MASON		BLD		43.780	48.160	1.5	1.5	2.0	10.05	14.43	0.000	1.030
CARPENTER		ALL		44.350	46.350	1.5	1.5	2.0	11.79	16.39	0.000	0.630
CEMENT MASON		ALL		43.750	45.750	2.0	1.5	2.0	13.05	14.45	0.000	0.480
CERAMIC TILE FNSHER		BLD		36.810	0.000	1.5	1.5	2.0	10.55	9.230	0.000	0.770
COMM. ELECT.		BLD		40.000	42.800	1.5	1.5	2.0	8.670	12.57	1.100	0.750
ELECTRIC PWR EQMT OP		ALL		46.100	51.100	1.5	1.5	2.0	10.76	14.87	0.000	0.460
ELECTRIC PWR GRNDMAN		ALL		37.050	52.500	1.5	2.0	2.0	8.630	12.28	0.000	0.370
ELECTRIC PWR LINEMAN		ALL		47.500	52.500	1.5	2.0	1.5	11.06	15.75	0.000	0.480
ELECTRICIAN		ALL		45.000	48.000	1.5	1.5	2.0	13.83	15.27	0.000	1.000
ELEVATOR CONSTRUCTOR		BLD		50.800	57.150	2.0	2.0	2.0	13.57	14.21	4.060	0.600
FENCE ERECTOR		ALL		37.340	39.340	1.5	1.5	2.0	13.05	12.06	0.000	0.300
GLAZIER		BLD		40.500	42.000	1.5	2.0	2.0	13.14	16.99	0.000	0.940
HT/FROST INSULATOR		BLD		48.450	50.950	1.5	1.5	2.0	11.47	12.16	0.000	0.720
IRON WORKER		ALL		44.200	46.200	2.0	2.0	2.0	13.65	21.14	0.000	0.350
LABORER		ALL		39.200	39.950	1.5	1.5	2.0	13.98	10.72	0.000	0.500
LATHER		ALL		44.350	46.350	1.5	1.5	2.0	11.79	16.39	0.000	0.630
MACHINIST		BLD		45.350	47.850	1.5	1.5	2.0	7.260	8.950	1.850	0.000
MARBLE FINISHERS		ALL		32.400	34.320	1.5	1.5	2.0	10.05	13.75	0.000	0.620
MARBLE MASON		BLD		43.030	47.330	1.5	1.5	2.0	10.05	14.10	0.000	0.780
MATERIAL TESTER I		ALL		29.200	0.000	1.5	1.5	2.0	13.98	10.72	0.000	0.500
MATERIALS TESTER II		ALL		34.200	0.000	1.5	1.5	2.0	13.98	10.72	0.000	0.500
MILLWRIGHT		ALL		44.350	46.350	1.5	1.5	2.0	11.79	16.39	0.000	0.630
OPERATING ENGINEER		BLD	1	48.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		BLD	2	46.800	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		BLD	3	44.250	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		BLD	4	42.500	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		BLD	5	51.850	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		BLD	6	49.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		BLD	7	51.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		FLT	1	53.600	53.600	1.5	1.5	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		FLT	2	52.100	53.600	1.5	1.5	2.0	17.10	11.05	1.900	1.250
OPERATING ENGINEER		FLT	3	46.400	53.600	1.5	1.5	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		FLT	4	38.550	53.600	1.5	1.5	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		FLT	5	55.100	53.600	1.5	1.5	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		FLT	6	35.000	35.000	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	1	46.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		HWY	2	45.750	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		HWY	3	43.700	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		HWY	4	42.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		HWY	5	41.100	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		HWY	6	49.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		HWY	7	47.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
ORNAMNTL IRON WORKER		ALL		45.000	47.500	2.0	2.0	2.0	13.55	17.94	0.000	0.650
PAINTER		ALL		41.750	46.500	1.5	1.5	1.5	11.50	11.10	0.000	0.770
PAINTER SIGNS		BLD		33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000

PILED RIVER	ALL	44.350	46.350	1.5	1.5	2.0	11.79	16.39	0.000	0.630
PIPE FITTER	BLD	46.000	49.000	1.5	1.5	2.0	9.000	15.85	0.000	1.780
PLASTERER	BLD	43.430	46.040	1.5	1.5	2.0	13.05	14.43	0.000	1.020
PLUMBER	BLD	46.650	48.650	1.5	1.5	2.0	13.18	11.46	0.000	0.880
ROOFER	BLD	41.000	44.000	1.5	1.5	2.0	8.280	10.54	0.000	0.530
SHEET METAL WORKER	BLD	42.230	45.610	1.5	1.5	2.0	10.53	20.68	0.000	0.720
SIGN HANGER	BLD	31.310	33.810	1.5	1.5	2.0	4.850	3.280	0.000	0.000
SPRINKLER FITTER	BLD	49.200	51.200	1.5	1.5	2.0	11.75	9.650	0.000	0.550
STEEL ERECTOR	ALL	42.070	44.070	2.0	2.0	2.0	13.45	19.59	0.000	0.350
STONE MASON	BLD	43.780	48.160	1.5	1.5	2.0	10.05	14.43	0.000	1.030
SURVEY WORKER	---	---	---	---	ALL	37.000	37.750	1.5	1.5	2.0 12.97
9.930	0.000	0.500								
TERRAZZO FINISHER	BLD	38.040	0.000	1.5	1.5	2.0	10.55	11.22	0.000	0.720
TERRAZZO MASON	BLD	41.880	44.880	1.5	1.5	2.0	10.55	12.51	0.000	0.940
TILE MASON	BLD	43.840	47.840	1.5	1.5	2.0	10.55	11.40	0.000	0.990
TRAFFIC SAFETY WRKR	HWY	32.750	34.350	1.5	1.5	2.0	6.550	6.450	0.000	0.500
TRUCK DRIVER	E ALL 1	35.480	35.680	1.5	1.5	2.0	8.350	10.50	0.000	0.150
TRUCK DRIVER	E ALL 2	34.100	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E ALL 3	34.300	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E ALL 4	34.500	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	W ALL 1	35.600	35.800	1.5	1.5	1.5	8.250	9.140	0.000	0.150
TRUCK DRIVER	W ALL 2	32.700	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W ALL 3	32.900	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W ALL 4	33.100	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TUCK POINTER	BLD	43.800	44.800	1.5	1.5	2.0	8.280	13.49	0.000	0.670

Legend: RG (Region)

TYP (Trade Type - All, Highway, Building, Floating, Oil & Chip, Rivers)

C (Class)

Base (Base Wage Rate)

FRMAN (Foreman Rate)

M-F>8 (OT required for any hour greater than 8 worked each day, Mon through Fri.)

OSA (Overtime (OT) is required for every hour worked on Saturday)

OSH (Overtime is required for every hour worked on Sunday and Holidays)

H/W (Health & Welfare Insurance)

Pensn (Pension)

Vac (Vacation)

Trng (Training)

Explanations

COOK COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble,

holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks;

Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve;

Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall,

Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY

Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit;

Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

SECTION VIII
TECHNICAL APPENDICES
ENERGY PERFORMANCE CONTRACT WORK
Oak Lawn – Hometown School District 123

School District 123 Energy Performance Contract RFP

- A. LOCATION: 4201 W. 93rd Street
Oak Lawn, Illinois
- B. CONTACTS: Mike Loftin
Assistant Superintendent

Phone: 708-423-0150
- C. OPERATING SCHEDULE:

Weekdays: 7:00 AM – 7:00 PM

Weekends: Not Occupied

School Year: August through May
- D. FACILITY SIZE: N/A
- E. TEMPERATURE SET POINTS:

Winter: 70 (Occupied)
60 (Unoccupied)

Summer: 72 (Occupied and air conditioned areas).
No air conditioning (unoccupied).
- F. ASBESTOS ABATEMENT:
1. Each building's Asbestos Management Plan is available from the Owner for your review.
 2. For each ECM where abatement will be necessary, ESCO shall include within the ECM description of a summary of abatement required, and disclose the price allowance for asbestos statement.
 3. ESCO shall disclose the abatement contractor used to obtain the allowance(s), and show evidence of no fewer than 5 school asbestos abatement project references for the abatement contractor.
 4. The Owner shall be responsible for hiring the abatement management/monitoring professional, and that cost will be added to the abatement cost in the final performance contract.
 5. All abatement within this Performance Contract must be performed within applicable local, state, federal and school laws and codes.

G. LIGHTING LEVELS:

MINIMUM MAINTAINED LIGHTING LEVEL REQUIRED
FOR THE FOLLOWING TYPICAL AREAS

<u>AREA DESCRIPTION</u>	<u>MINIMUM FOOTCANDLE LEVEL – MAINTAINED</u>

H. ENERGY BILLS:

1. The past twenty-four (24) months of utility bills will be available through the District's Architect (JMA Architects).

I. ENERGY CONSERVATION MEASURES:

1. The ESCO RFP response should include the following "Primary" ECMs as a minimum. ESCO should also include any additional ECMs that are determined viable during their evaluation (where one (1) equipment manufacture is listed in the primary ECM the Owner will only consider other manufacturers if listed separately with associates cost in ECM Summary Schedule).
2. The ESCO is responsible to verify all sizes, quantities, locations and routings of new and existing system as required for installation of ECM's proposed by the ESCO. ESCO may obtain copies of this RFP and related plans and specifications from the District's Architect (JMA Architects).

PRIMARY ECMs

J. ECM#1: Replace Hot Water Heating Boiler System – McGugan Boiler Plant Replacement

1. New Boiler Plant: Provide a new hot water heating boiler plant consisting of (1) one high efficiency condensing boiler and one (1) standard efficiency boiler (minimum 82% efficiency) to replace the existing hot water boiler heating plant. Each boiler shall be sized for 2/3 of the calculated heating load. Combustion air inlets and flue gas outlets shall be routed through the roof.
 - a. Each boiler shall be provided with an in line hot water circulating pump sized for boiler water flow requirement. Pumps and specialties shall be manufactured by Bell & Gossett.
 - b. Provide two (2) base mounted end suction pumps with variable frequency drives (VFD's), each sized to handle 50% of the system load to distribute hot water throughout the building. Pumps and specialties shall be manufactured by Bell & Gossett.
 - c. Provide new hot water system accessories including but not limited to expansion tanks, air separator, chemical water treatment system, etc.
 - d. Boilers shall be provided with a self-contained, factory furnished control system and BACnet interface. The system shall be indexed from winter to summer modes of operation from the boiler system controller and shall operate based on input from the controller.
 - e. Boilers shall be as manufactured by Camus or Laars.
2. Existing Hot Water Boiler Plant:
 - a. Remove the two (2) natural gas hot water boilers (1960's vintage) in the existing boiler room.
 - 1) Remove existing hot water heating boilers and associated pumping systems, piping, controls, etc. Connect new hot water heating piping to new boiler plant heating pump and piping system.
 - 2) Remove existing combustion air intake system, controls, etc. and seal openings weather tight.
3. Provide stand alone electronic boiler control system for automatic rotation of lead/lag boiler operation and hot water supply reset schedule, based on outside air temperature. Controller shall be provided with BACnet interface for future connection to Facility Management System (FMS).

K. ECM#2: Replace Hot Water Heating Boiler Systems – Gaddis Boiler Plant Replacement (North Boiler Room – Original Building)

1. New Boiler Plant: Provide a new hot water heating boiler plant consisting of (1) one high efficiency condensing boiler and one (1) standard efficiency boiler (minimum 82% efficiency) to replace the existing hot water boiler heating plant. Each boiler shall be sized for 2/3 of the calculated heating load. Combustion air inlets and flue gas outlets shall be routed through the roof.

- a. Each boiler shall be provided with an in line hot water circulating pump sized for boiler water flow requirement. Pumps and specialties shall be manufactured by Bell & Gossett.
- b. Provide two (2) base mounted end suction pumps with variable frequency drives (VFD's), each sized to handle 50% of the system load to distribute hot water throughout the building. Pumps and specialties shall be manufactured by Bell & Gossett.
- c. Provide new hot water system accessories including but not limited to expansion tanks, air separator, chemical water treatment system, etc.
- d. Boilers shall be provided with a self-contained, factory furnished control system and BACnet interface. The system shall be indexed from winter to summer modes of operation from the Facility Management System (FMS) and shall be operated based on input from the FMS.
- e. Boilers shall be as manufactured by Camus or Laars.

2. Existing Hot Water Boiler Plant:

- a. Remove the two (2) natural gas hot water boilers (1960's vintage) in the existing boiler room.
 - 1) Remove existing hot water heating boilers and associated pumping systems, piping, controls, etc. Connect new hot water heating piping to new boiler plant heating pump and piping system.
 - 2) Remove existing combustion air intake system, controls, etc. and seal openings weather tight.
- K. ECM#3: Replace Hot Water Heating Boiler Systems – Gaddis Boiler Plant Replacement (South Boiler Room – 1972 Addition)
- 1. New Boiler Plant: Provide a new hot water heating boiler plant consisting of (1) one high efficiency condensing boiler and one (1) standard efficiency boiler (minimum 82% efficiency) to replace the existing hot water boiler heating plant. Each boiler shall be sized for 2/3 of the calculated heating load. Combustion air inlets and flue gas outlets shall be routed through the roof.
 - a. Each boiler shall be provided with an in line hot water circulating pump sized for boiler water flow requirement. Pumps and specialties shall be manufactured by Bell & Gossett.
 - b. Provide two (2) in-line pumps with variable frequency drives (VFD's), each sized to handle 50% of the system load to distribute hot water throughout the building. Pumps and specialties shall be manufactured by Bell & Gossett.
 - c. Provide new hot water system accessories including but not limited to expansion tanks, air separator, chemical water treatment system, etc.
 - d. Boilers shall be provided with a self-contained, factory furnished control system and BACnet interface. The system shall be indexed from winter to summer modes of operation from the Facility Management System (FMS) and shall be operated based on input from the FMS.
 - e. Boilers shall be as manufactured by Camus or Laars.

2. Existing Hot Water Boiler Plant:

- a. Remove the one (1) natural gas hot water boilers (1970's vintage) in the existing boiler room.
 - 1) Remove existing hot water heating boiler and associated pumping systems, piping, controls, etc. Connect new hot water heating piping to new boiler plant heating pump and piping system.
 - 2) Remove existing combustion air intake system, controls, etc. and seal openings weather tight.

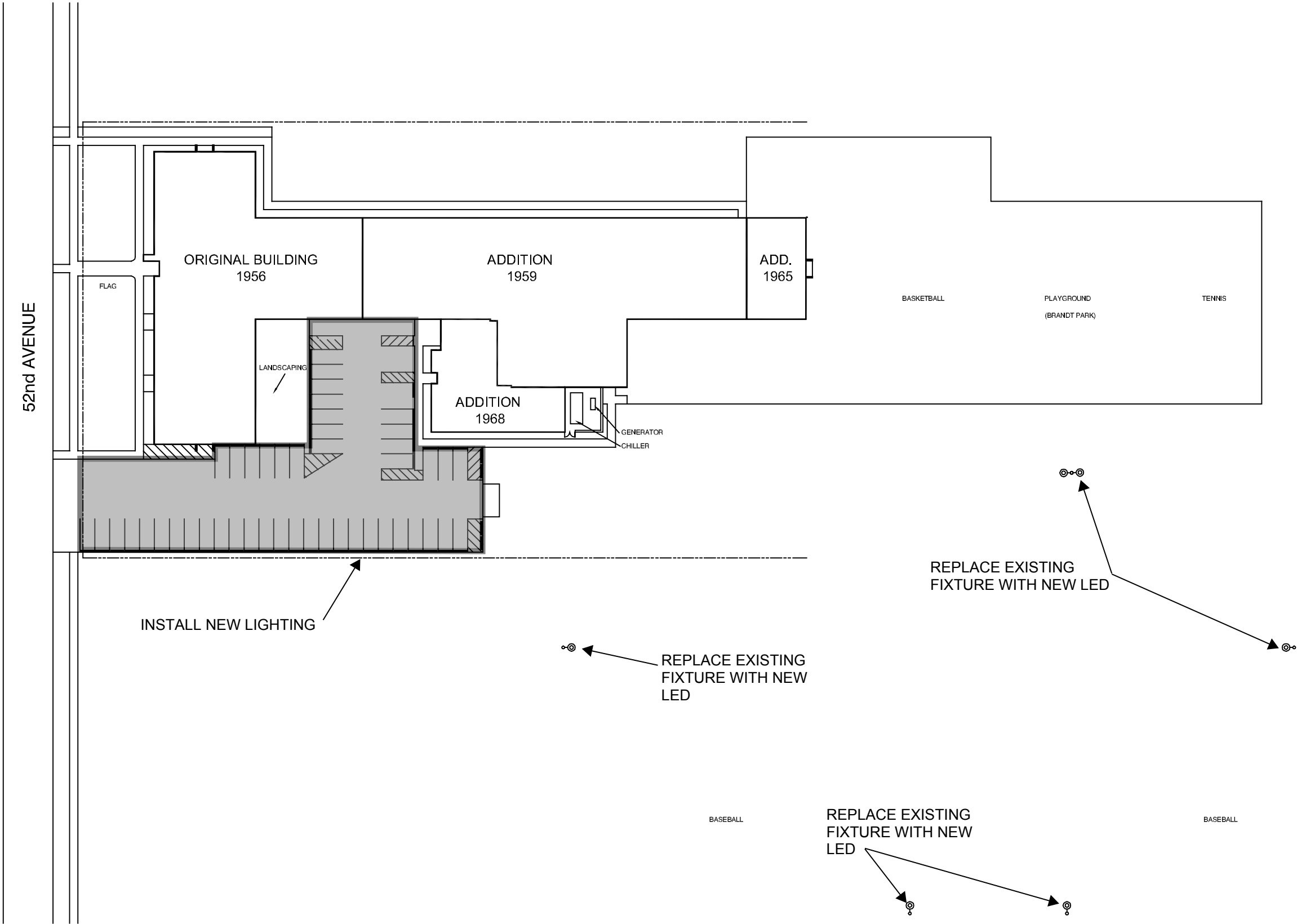
L. ECM#4: Facility Management System (FMS) – Temperature Controls

1. Replace existing Honeywell Facility Management System (FMS) head end equipment with new Tridium based Universal Network Controllers (UNC) – main servers, “network automation engines” and connecting Ethernet cabling for a complete and operational system at the following schools: Brant, Covington, Hannum, Hometown, Kolmar, Oak Lawn Hometown Middle School and Sward.
 - a. New controls to match existing sequences and monitoring points.
 - b. Existing LON based local controllers will be integrated into the new UNC's including new web-based software and graphics.
 - c. Commission existing local controllers. Defective components will be replaced as part of this project.
2. Provide new DDC Facility Management system head end equipment (Tridium based Universal Controllers) – main servers, “network automation engines”, and connecting Ethernet cabling to control the new boiler systems, pumps, etc. and existing rooftop units (total of 3) at Gaddis for a complete and operational system.

M. ECM#5: Exterior Lighting Upgrades and Replacement:

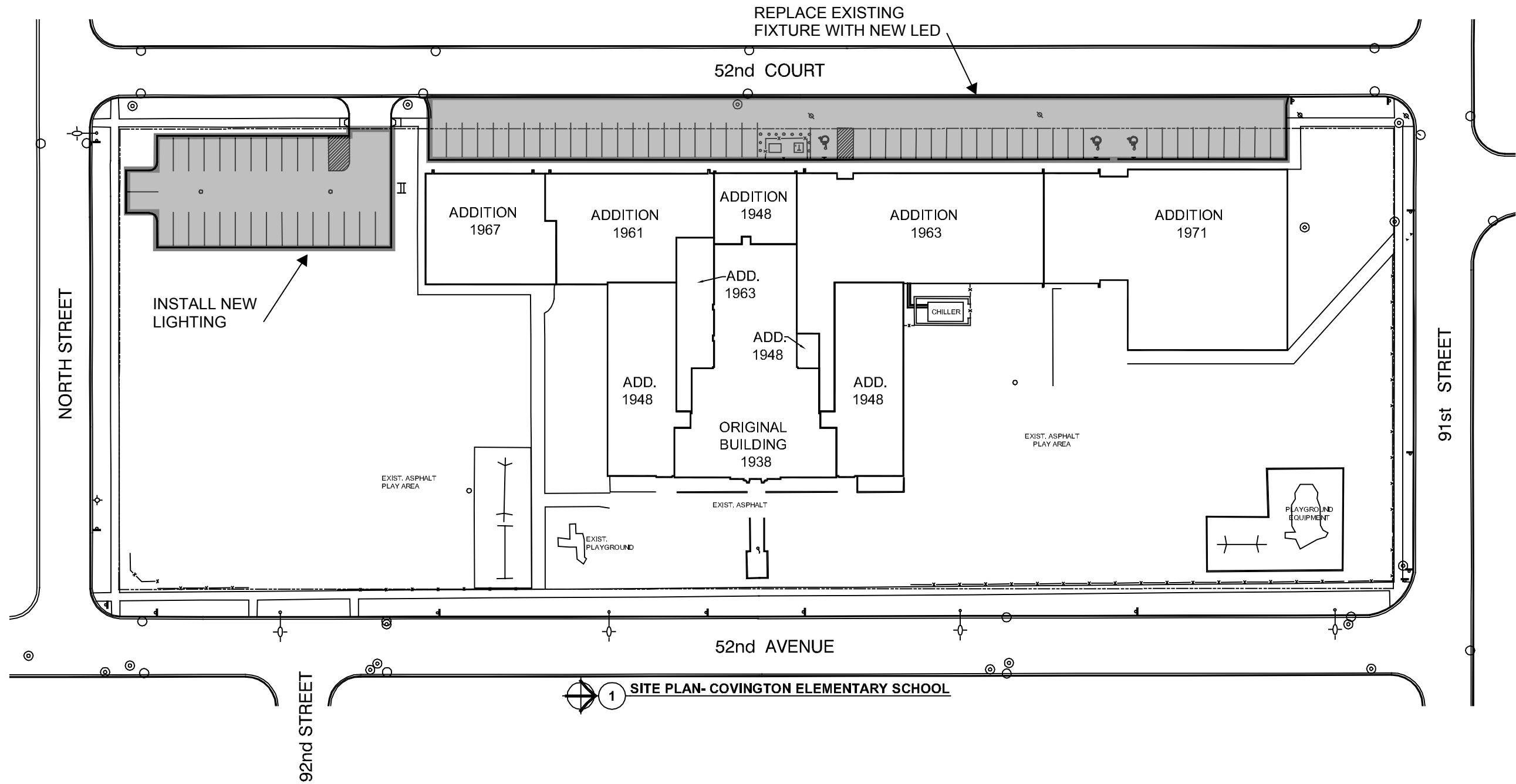
1. Site fixtures shall be LED as manufactured by Ruud or similar construction.
2. Site lighting for parking lot areas shall provide a minimum of 0.5 footcandles and 0.0 footcandles at edge of property line.
3. Security site lighting for baseball fields shall provide a minimum of 0.5 footcandles and 0.0 footcandles at edge of property line.
4. Connect new and replacement fixtures to existing exterior lighting control system complete as required.
5. Site lighting upgrades shall be made at the following schools as follows:
 - a. Brandt School:
 - 1) Install new lighting to illuminate south parking lot.
 - 2) Replace existing security lighting at baseball fields (southeast corner)

- b. Covington:
 - 1) Replace existing parking lot lighting in the west parking lot.
 - 2) Install new lighting to illuminate south parking lot.
 - c. Hannum:
 - 1) Install new lighting to illuminate north parking lot.
 - d. Hometown:
 - 1) Install new lighting to illuminate east parking lot.
 - e. Kolmar:
 - 1) Install new lighting to illuminate east parking lot.
 - f. Gaddis:
 - 1) Install new lighting to illuminate south parking lot.
6. Refer to attached site plans for location of site lighting system upgrades and replacement at each school.



JMA Architects logo and contact information: 16125 LaSalle Street, South Holland, Illinois 60473, 708-339-5900, 708-339-0949, www.jmaarchitects.com

Table with 4 columns: PROJECT NO., X, CHWD., and BY. It contains a grid for tracking revisions and approvals.



1 SITE PLAN- COVINGTON ELEMENTARY SCHOOL

SCHOOL DISTRICT 123
ENERGY PERFORMANCE CONTRACT
REQUEST FOR PROPOSAL

OAK LAWN - HOMETOWN SCHOOL DISTRICT OAK LAWN, ILLINOIS



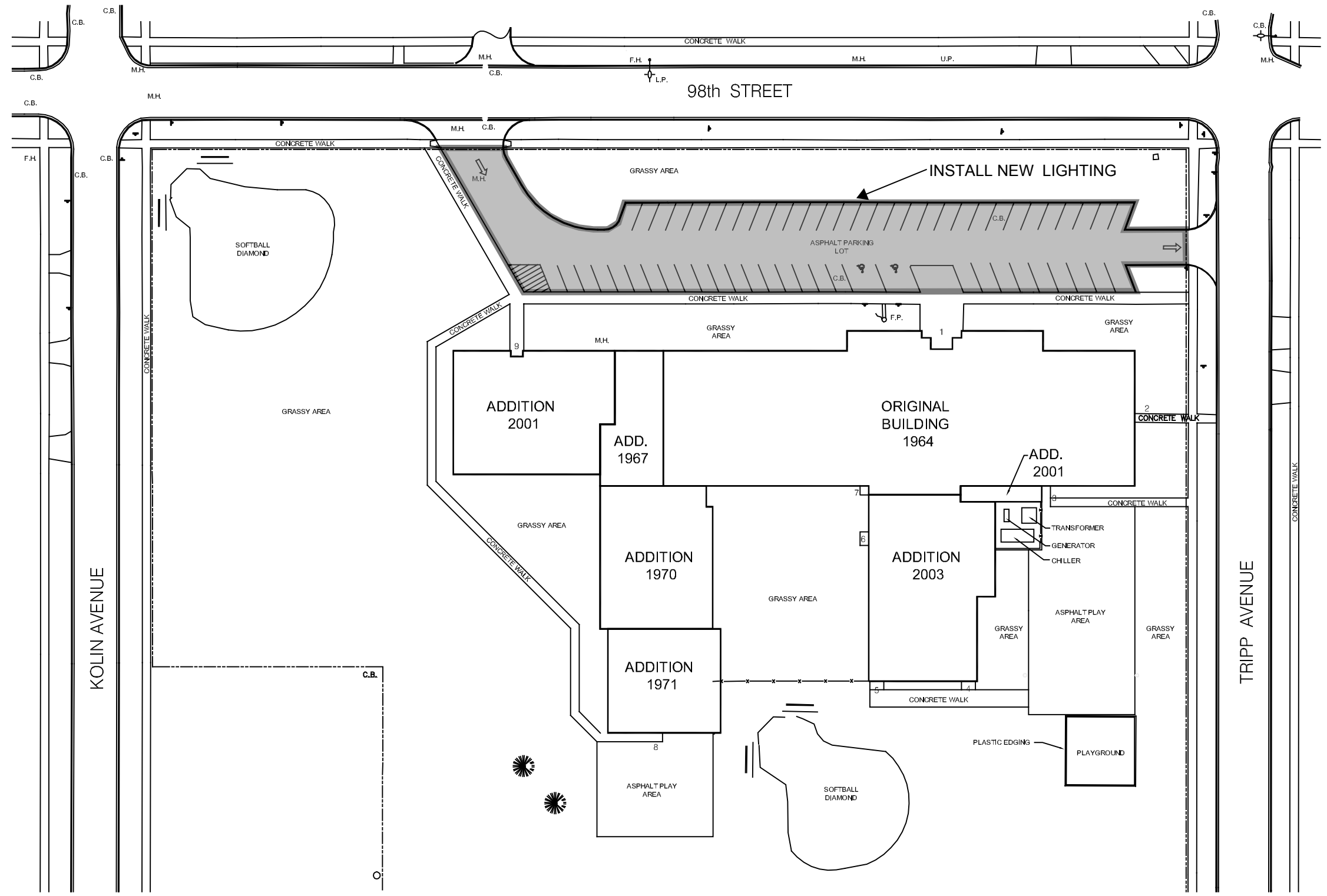
JMA Architects
16125 LaSalle Street
708-339-5900 FAX: 708-339-0949
South Holland, Illinois 60473
www.jmaarchitects.com

NO.	REVISIONS	DATE	BY

PROJECT NO. X	NO.	DATE	ISSUED	CHWD. XXX

E102

SHEETS:



 1 **SITE PLAN- HANNUM ELEMENTARY SCHOOL**

PROJECT NO. X

DRAWN

DATE

CHWD.

ISSUED

11-02-15

NO.


REVISIONS

DATE

BY

E103

SHEETS:



JMA Architects
16125 LaSalle Street
708-339-5900 FAX: 708-339-0949
South Holland, Illinois 60473
www.jmaarchitects.com

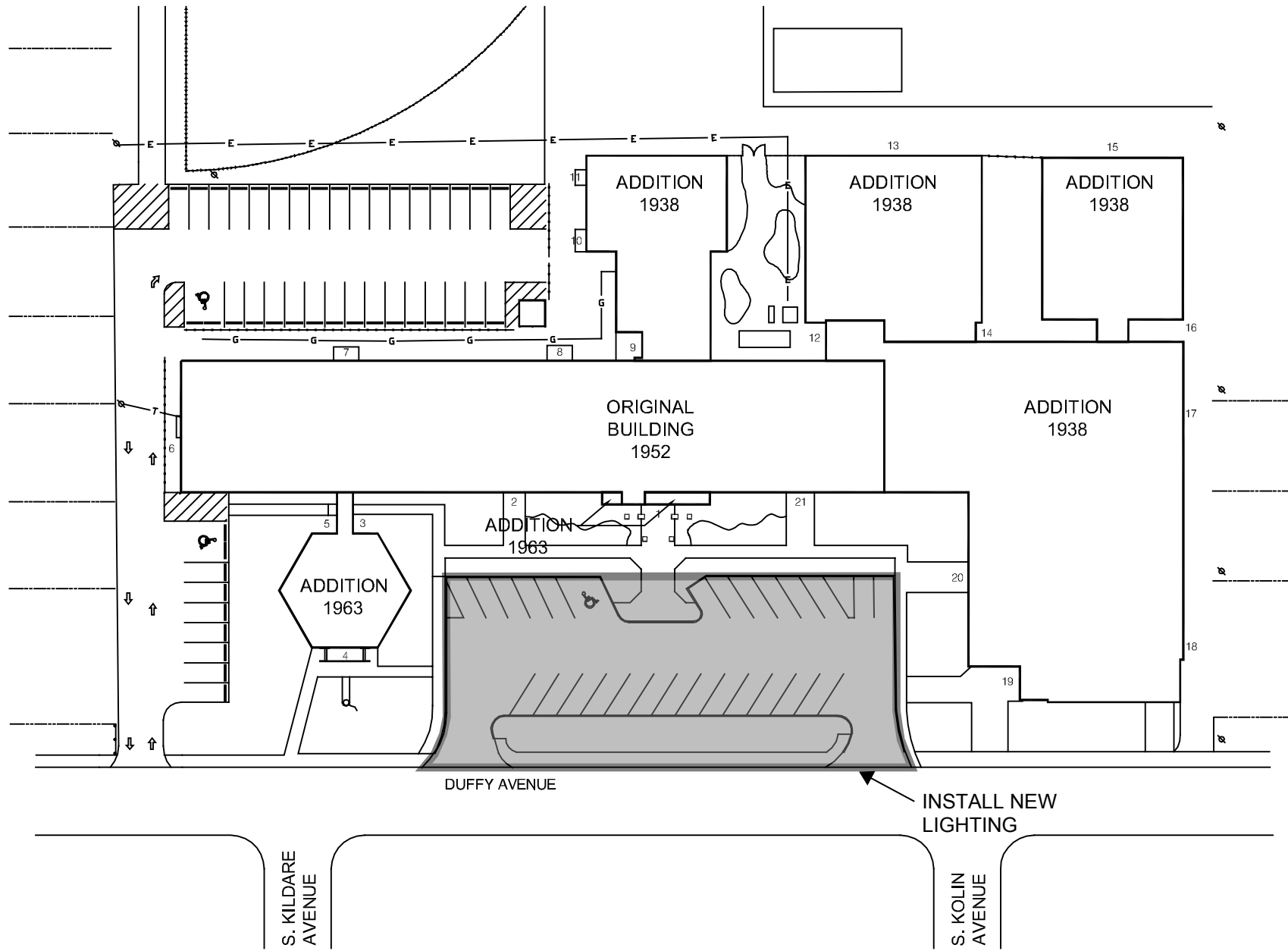
SCHOOL DISTRICT 123

ENERGY PERFORMANCE CONTRACT

REQUEST FOR PROPOSAL

OAK LAWN - HOMETOWN SCHOOL DISTRICT

OAK LAWN, ILLINOIS



1 SITE PLAN- HOMETOWN ELEMENTARY SCHOOL

SCHOOL DISTRICT 123
ENERGY PERFORMANCE CONTRACT
REQUEST FOR PROPOSAL

OAK LAWN - HOMETOWN SCHOOL DISTRICT OAK LAWN, ILLINOIS



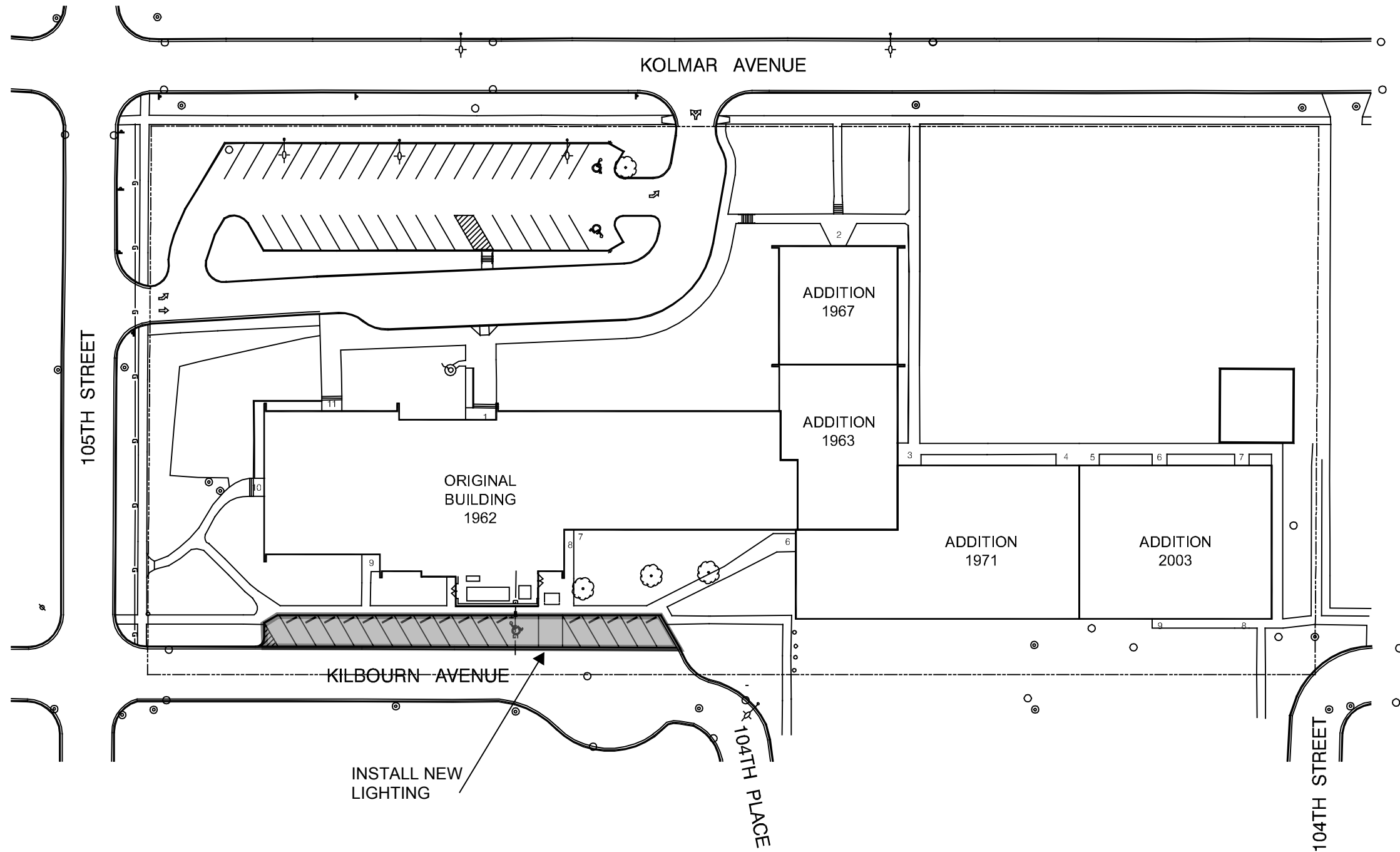
JMA Architects
16125 LaSalle Street
708-339-5900 FAX: 708-339-0949 South Holland, Illinois 60473
www.jmaarchitects.com

NO.	REVISIONS	DATE	BY

PROJECT NO. X	CHKD. JAM
DRAWN XXX	ISSUED
DATE 11-02-15	

E104

SHEETS:



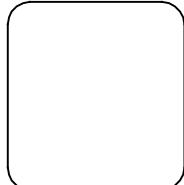
1

SITE PLAN- KOLMAR ELEMENTARY SCHOOL

SCALE: 1" = 30'-0"

PROJECT NO.	NO.	X	CHKD.
DRAWN			
DATE	11-02-15		

NO.	REVISIONS	DATE	BY



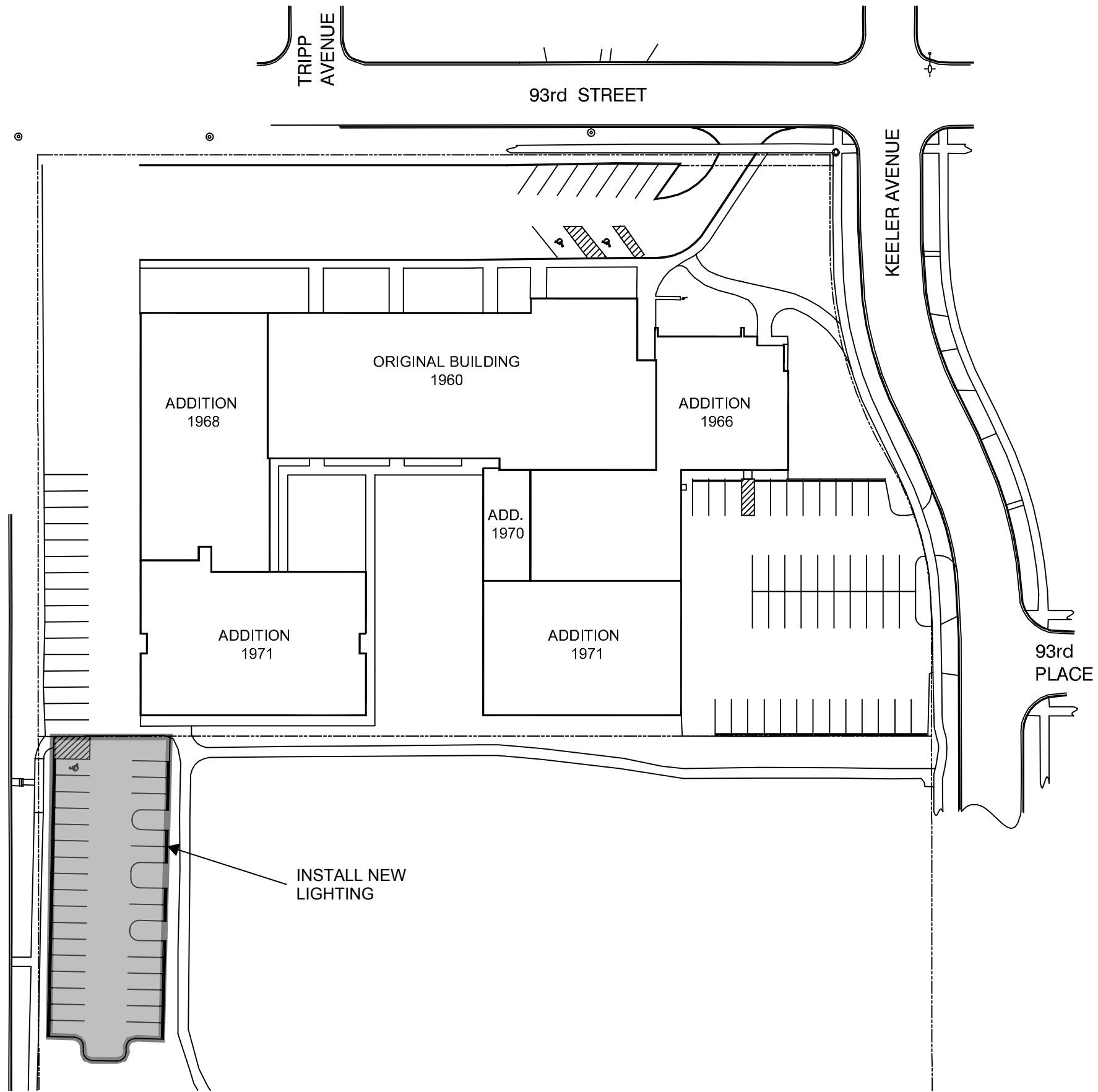
JMA Architects
16125 LaSalle Street
708-339-3900 FAX: 708-339-0949
South Holland, Illinois 60473
www.jmaarchitects.com

**SCHOOL DISTRICT 123
ENERGY PERFORMANCE CONTRACT
REQUEST FOR PROPOSAL**

OAK LAWN - HOMETOWN SCHOOL DISTRICT OAK LAWN, ILLINOIS

E105

SHEETS:



1 SITE PLAN- GADDIS ELEMENTARY SCHOOL

PROJECT NO.	NO.	X	CHRD.
DRAWN			ISSUED
DATE	11-02-15		

NO.	REVISIONS	DATE	BY



JMA Architects
16125 LaSalle Street
708-339-3900 FAX: 708-339-0949
South Holland, Illinois 60473
www.jmaarchitects.com

SCHOOL DISTRICT 123
ENERGY PERFORMANCE CONTRACT
REQUEST FOR PROPOSAL
OAK LAWN - HOMETOWN SCHOOL DISTRICT
OAK LAWN, ILLINOIS