## Budget

Licking Valley Local (048017) - Licking County - 2014 - Straight A Fund - Rev 6 - Straight A Fund - Application Number (164)

<table>
<thead>
<tr>
<th>Purpose Code</th>
<th>Object Code</th>
<th>Salaries 100</th>
<th>Retirement Fringe Benefits 200</th>
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<th>Capital Outlay 600</th>
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Adjusted Allocation: 0.00

Remaining: -1,685,400.00
We intend to invest in energy efficiency technologies that will help us decrease our annual utility costs by hundreds of thousands of dollars and

Jack supervised the general and subcontractors' work, as the

The ECP will also include district

Individually and collaboratively, David and Jo Lynn possess the experience, administrative capacities and

From 2004

Finally, the ECP will include a building enveloping project to seal all roof and wall connections, pipe penetrations, weather strips and

Jack has 28 years of experience in the HVAC and mechanical trades and was a HVAC/mechanical trade business owner for 12 years before joining

Applicants shall respond to the prompts or questions in the areas listed below in a narrative form.

A) APPLICANT INFORMATION - General Information, Experience and Capacity

1. Project Title: Conserving Energy to Fund Classroom Transformation

2. Executive summary: Provide an executive summary of your project proposal and which goal(s) in question 9 you seek to achieve. Please limit your responses to no more than three sentences.

Our proposal addresses all three goals from question 9. We intend to invest in energy efficiency technologies that will help us decrease our annual utility costs by hundreds of thousands of dollars and direct those savings to a 1:1 computing program in our middle school in the fall of 2014, and maintain the high school 1:1 program that was successfully launched during the 2012-13 school year with 650 students after two years of staff training and preparation; this is the scale-up in a five year plan to implement 1:1 computing in grades 6-12. The 1:1 computing program will immediately impact 1130 students in grade 6-12 and all subsequent students as the program is maintained indefinitely.

1130 3. Total Students Impacted:

4. Lead applicant primary contact: - Provide the following information:

First Name, last Name of contact for lead applicant: David Hile
Organizational name of lead applicant: Licking Valley Local Schools
Unique Identifier (RN/Fed Tax ID): N/A
Address of lead applicant: 1379 Licking Valley Rd. NE
Phone Number of lead applicant: 740-763-3525
Email Address of lead applicant: hile@lickingvalley.k12.oh.us

5. Secondary applicant contact: - Provide the following information, if applicable:

First Name, last Name of contact for secondary applicant: N/A
Organizational name of secondary applicant: N/A
Unique Identifier (RN/Fed Tax ID): N/A
Address of secondary applicant: N/A
Phone number of secondary applicant: N/A
Email address of secondary applicant: N/A

6. List all other participating entities by name: Provide the following information for each additional participating entity, if applicable: Mention First Name, Last Name, Organizational Name, Unique Identifier (RN/Fed Tax ID), Address, Phone Number, Email Address of Contact for All Secondary Applicants in the box below.

7. Partnership and consortia agreements and letters of support: - (Click on the link below to upload necessary documents).

* Letters of support are for districts in academic or fiscal distress only. If school or district is in academic or fiscal distress and has a commission assigned, please include a resolution from the commission in support of the project.

* If a partnership or consortium will be established, please include the signed Straight A Description of Nature of Partnership or Description of Nature of Consortium Agreement.

UploadGrantApplicationAttachment.aspx

8. Please provide a brief description of the team or individuals responsible for the implementation of this project including relevant experience in other innovative projects. You should also include descriptions and experiences of partnering entities.

David Hile is the Superintendent and Jo Lynn Torbert is the Treasurer Licking Valley Local Schools. David has 12 years of school administrative experience and Jo Lynn has 34 years of treasurers experience. Jo Lynn co-led the construction project to build our new high school in 1999; a $16 million project. From 2004-2007, David and Jo Lynn co-led a $27 million OSFC project to build our new elementary facility and renovate our existing high school and middle school. Additionally, David and Jo Lynn have collaborated to write and administer numerous grants during their years together at Licking Valley, the most recent being the Early Childhood Literacy Grant in the amount of $220,000.00. Individually and collaboratively, David and Jo Lynn possess the experience, administrative capacities and vision to administer the grant requested. Jack Shinn II has been the maintenance technician for the Licking Valley Schools for the past 8 years. Jack supervised the general and subcontractors’ work, as the District’s representative, on the $27 million OSFC project. Jack has 28 years of experience in the HVAC and mechanical trades and was a HVAC/mechanical trade business owner for 12 years before joining the Licking Valley Schools. Jack is extremely energy conservation conscious and has done all within his power to effect energy conservation throughout our district facilities, including an HVAC automation project at our high school in 2008 that saved our district tens of thousands of dollars in electric and gas costs. Jack will supervise the proposed energy conservation project with Trane Heating and Cooling if we are fortunate enough to be awarded this funding. In the white paper on the Straight A Fund, the section entitled Defining Innovation explains the current need to exploit existing strategies that promote efficiency and effectiveness while simultaneously innovating to achieve important individual outcomes for students. This is how we live at Licking Valley Local every day. Licking Valley is the lowest wealth district by property valuation in Licking County, yet we have not asked our taxpayers for new operating dollars for going on 21 years, yet we have state of the art facilities and, we would argue, the best computer technology available to our students and staff of any district in the county, including 1:1 computing at our high school. This has been accomplished through relentless pursuit of financial efficiencies to pursue a vision for providing the children of Licking Valley the best, most modern education possible.

B) PROJECT DESCRIPTION - Overall description of project and alignment with Outcomes

9. Which of the stated Straight A Fund goals does the proposal aim to achieve? - (Check all that apply)

- Student achievement
- Spending reductions in the five-year fiscal forecast
- Utilization of a greater share of resources in the classroom

10. Which of the following best describes the proposed project? - (Select one):

- New - never before implemented
- Existing and researched-based - never implemented in your district or community school but proven successful in other educational environments
- Mixed Concept - incorporates new and existing elements
- Enhancing/Scale Up - elevating or expanding an effective program that is already implemented in your district, school, or consortia partnership

11. Describe the innovative project.

Our innovative project is to expand our 1:1 computing program from our high school to our middle school (grades 6-8) and invest in an energy conservation project (ECP) that will generate annual savings that will provide the dollars to sustain the 1:1 computing program at both the middle and high schools indefinitely. The ECP will include the following energy conservation measures (ECM): HVAC equipment upgrades including installation of thermal (ice) storage at all three school buildings and chillers where needed; installation of 98% efficient condensing boilers at the middle school (MS), installation of dynamic air filtration on air handler units (AHU); domestic hot water optimization; HVAC controls upgrades including integrating occupancy lighting controls with the HVAC system; a cloud-based energy management system (Trane Energy Manager/Trane Intelligent Services) that will allow us to monitor (in real time) and optimize district-wide energy performance with graphical data that will make it easy to select areas and sources of energy waste so the underlying issues can be resolved. The ECP will also include district-wide interior and exterior lighting retrofits that will consist of new high efficiency lamps, ballasts, wall packs, occupancy sensors and ambient light control. Finally, the ECP will include a building enveloping project to seal all roof and wall connections, pipe penetrations, weather strips and sweats. The resulting annual energy savings, which Trane projects to be $138,000.00, will be used to expand our high school 1:1 computing program to the middle school and sustain 1:1 computing at both buildings indefinitely, the goals for which are to provide equal access to computer technology for our socio-economically diverse students for the purpose of helping all students become 21st Century
**D) IMPLEMENTATION**

17. Describe how it will meet the goal(s) selected above.  
Our innovative project will meet the three goals identified above and the stated goals of the Straight A Fund by generating hundreds of thousands of dollars in continuous energy savings within the 5-year forecast and beyond.  

**C) SUSTAINABILITY**

12. Describe how it will meet the goal(s) selected above.  
Our innovative project will meet the three goals identified above and the stated goals of the Straight A Fund by generating hundreds of thousands of dollars in continuous energy savings within the 5-year forecast and beyond.

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**Proposal Timeline Dates**

- **Plan (MD/DD/YYYY):** 09/01/2013-12/31/2013
- **Implementation of ECP, - Bid ECP, January-March 2014 - Complete ECP, April-August 2014**
- **Summative evaluation (MD/DD/YYYY):** 09/01/2014

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**Timeline, communication and contingency planning**

18. Fill in the appropriate dates and an explanation of the timeline for the successful implementation of this project. In each explanation, be sure to briefly describe the largest barriers that could derail your concept or timeline for implementation and your plan to proactively mitigate such barriers. In addition, the narrative should list the stakeholders that will be engaged during that stage of the project and describe the communication that occurred as the application was developed.

Describe the ongoing communication plan with the stakeholders as the project is implemented. (Stakeholders can include parents, community leaders, foundation support and businesses, as well as educational personnel in the affected entities.)

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**Narrative explanation**

*Implications for change management leaders:* Leaders provide time for teacher professional learning and collaboration at least monthly.

*Logic:* We have already had Trane complete the initial review of our needs for the ECP and they have provided us with a preliminary plan. With or without the Straight A Grant funds, we will have to pursue these cost savings. It is simply not an option not to save these dollars. With the funds, it will happen almost immediately and we will begin realizing the cost savings that can be used to cover the costs of our 1:1 program. Without the funds, we will have to find another means of implementing the ECP. It will just happen more piecemeal and the full savings will not be realized and will not allow us to utilize those savings to sustain 1:1. In other words, planning the ECP is going to occur between November and December, 2013 no matter what. Thus, the ECP will be ready if we receive the grant award in December. There are no barriers to this timeline because there are no costs associated with analysis of our energy usage and development of the plan to mitigate those costs. This plan has been communicated to our stakeholders and updates on the ECP will be communicated through our standing Finance Task Force, a stakeholder team led by the district superintendent and treasurer and consisting of 215 district stakeholders, including administrative, teaching and classified staff representatives, parents, general community members and local elected government (village, township and county) representatives. The Finance Task Force has been a standing stakeholder group for the past 8 years. We meet three times per year to discuss in detail and complete transparency the district’s finances including the revenues and expenditures in the 5-year forecast, our budget and completed, current and future district projects. The Task Force was apprised of and solicited feedback on the details of this grant application at our last regular meeting on October 15, 2013. Plan for implementation of 1:1 computing at middle school: This plan already exists. We planned the high school and middle school projects simultaneously in 2010-11 with the assistance of a grant from Intel Corp. and Educational Collaborators.

Implementation (MD/DD/YYYY): 01/01/2014-08/01/2014

We will work closely with Trane to develop the plan for the ECP and make sure the plan is implemented. We will work closely with the district and with Trane to make sure the plan is implemented. We will work closely with the district and with Trane to make sure the plan is implemented.

**Post-Implementation Review**

We will conduct a post-implementation review of the ECP at the end of the 5-year period to determine the impact on student achievement and to assess the sustainability of the program. We will conduct a post-implementation review of the ECP at the end of the 5-year period to determine the impact on student achievement and to assess the sustainability of the program.
19. Describe the substantial value and lasting impact that the project hopes to achieve.

20. If so, how?

21. Is this project able to be replicated in other districts in Ohio?

22. If so, how?

23. Describe the substantial value and lasting impact that the project hopes to achieve.

24. What are the specific benchmarks related to the save district $138,000.00 per year. These savings will be more than cover, indefinitely, the costs of maintaining our 1:1 computing program in grades 6-12 that will bring all of the benefits of improved teaching and learning, and ultimately student achievement, determined in the other sections of this application.

25. Describe the plan to evaluate the impact of the concept, strategy, or approaches used.

* Include the method by which progress toward short- and long-term objectives will be measured. (This section should include the types of data to be collected, the formative outputs and outcomes and the systems in place to track the program's progress).

** Include the method, process and/or procedure by which the program will modify or change the program plan if measured progress is insufficient to meet program objectives.
activities/tasks involving netbooks
- Classify observed student activities/tasks on the SAMR Model
- Note overall percentage of use of the netbook during the lesson
- Direct feedback from student interviews, 1 student interview per observer:
  - How did your task in this class require you to use your netbook?
  - How often do you use your netbook in this class?
  - How often do you use your netbook to collaborate with classmates?
  - Have you ever taken a virtual field trip on your netbook?
  - How often would you say that you use a search engine on your netbook for school work?
  - What is one way that they netbook helps you as a student?
- Summarize observed student activities/tasks with the netbook, and identify and quantify SAMR classification of those activities:
  - Redefinition = 1
  - Modification = 2
  - Augmentation = 5
  - Substitution = 16

By virtue of applying for the Straight A Fund, all applicants agree to participate in the overall evaluation of the Straight A Fund for the duration of the evaluation timeframe. The Governing Board of the Straight A Fund reserves the right to conduct evaluation of the plan and request additional information in the form of data, surveys, interviews, focus groups, and any other related data to the legislature, governor, and other interested parties for an overall evaluation of the Straight A Fund.

PROGRAM ASSURANCES: I agree, on behalf of this applicant agency and/or all identified partners to abide by all assurances outlined in the Assurance section of the CCIP. In the box below, enter "I Accept" and indicate your name, title, agency/organization and today's date.

I agree: David Hile, Superintendent, Licking Valley Local Schools, October 24, 2013