

RESOLUTION 2017-23

AUTHORIZING APPLICATION FOR FINANCIAL ASSISTANCE FROM THE RURAL ECONOMIC ACTION PLAN FUND

WHEREAS, Turkey Ford Public School District C010, Wyandotte, OK, Ottawa County, Non-Profit desires to seek funding from the Rural Economic Action Plan Fund for converting the school lighting to LED to improve student performance, reduce wattage/conserves energy, replace non-repairable lighting units that have been phased-out and are difficult to locate and save the district money annually in said Turkey Ford Public School District C010, and

WHEREAS, it is in the best interest of the residents of Ottawa County to expedite the preparation and submission of an Application for Financial Assistance from the Rural Economic Action Plan Fund, in the form of a Grant.

NOW, THEREFORE, BE IT RESOLVED, that the Turkey Ford Superintendent Tamyra Larson and/or Chairman of the Board of Ottawa County Commissioners, Chad Masterson, are hereby authorized and directed to sign an application and related documents necessary to file and process a grant application through Grand Gateway EDA's Rural Economic Action Plan Fund on behalf of the Turkey Ford Public School District C010.

APPROVED in Regular Session this 18th day of September, 2017.



ATTEST

Rebyn Mitchell
County Clerk

BOARD OF COMMISSIONERS
OTTAWA COUNTY, OKLAHOMA

Chad Masterson
Chairman

John Clarke
Member

Member

RURAL ECONOMIC ACTION PLAN FY-18

Application # _____

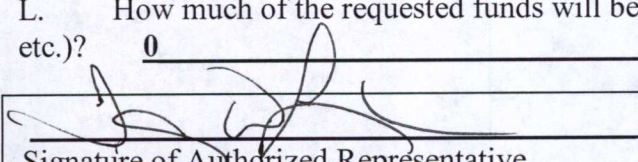
GRAND GATEWAY ECONOMIC DEVELOPMENT ASSOCIATION

I. APPLICANT INFORMATION

- A. Name: Turkey Ford Elementary County: Ottawa
- B. Address: 23900 S. 670 Rd. Phone 918-786-4902
Wyandotte, OK 74370
- C. Contact Person(s) Tamyra Larson Fax: 918-787-5015

II. PROJECT INFORMATION

- A. Project Type: Economic/Community Development X Transportation _____
- B. Project Location (*Attach Map*) Turkey Ford School – 23900 S. 670 Rd., Rural Wyandotte, OK 74370
- C. Amount of Grant Request (Maximum \$50,000): \$ 11,824.00
- D. Total number of people benefiting from project: 150
- E. Project Budget (*Must be attached*) \$14,174.00
- F. Explanation of matching funds: A local electrician in the community has agreed to donate \$1,500.00 worth of labor and materials toward the project. The school custodian will be his assistant in removing old receptacles and his paid time will be contributed by the general fund of the Turkey Ford School District. Additionally, the Turkey Ford Education Foundation will donate \$500.00 toward the completion of the LED lighting exchange.
- G. Brief explanation of local effort in project: (*Attach additional sheets if needed*)
Local electrician agrees to volunteer time and expertise on the project. School Custodian will volunteer to assist in removal of existing lighting.
- H. Brief description of the project: (*Attach additional sheets if needed*) Conversion of current lighting to increase student performance and conserve energy as well as funds.
- I. If construction project, who owns the property on which the project will be constructed?
Turkey Ford School
- J. Does the project create jobs? Yes X No _____
- K. State Senate District #: 1 State Representative District #: 7
- L. How much of the requested funds will be used for professional consultants (engineers, architects, etc.)? 0


 Signature of Authorized Representative
9/14/2017

Date

Resolution

Authorizing Application For Financial Assistance From The Rural Economic Action Plan Fund

WHEREAS, the Turkey Ford Public School District C010, Wyandotte, OK, Ottawa County, Non-Profit desires to seek funding from the Rural Economic Action Plan Fund for **Converting the school lighting to LED to improve student performance, reduce wattage/conserves energy, replace non-repairable lighting units that have been phased-out and are difficult to locate and save the district money annually in said Turkey Ford Public School District C010;** and

WHEREAS, it is in the best interest of the residents of Ottawa County to expedite the preparation and submission of an application for financial assistance from the Rural Economic Action Plan Fund, in the form of a grant.

NOW, THEREFORE, BE IT RESOLVED that, the Turkey Ford School Superintendent Tamyra Larson and/or Chairman of the Board of Ottawa County Commissioners,

_____ are hereby authorized and directed to sign an application and related documents necessary to file and process a grant application through Grand Gateway EDA's Rural Economic Action Plan Fund on behalf of the Turkey Ford Public School District C010.

APPROVED in Regular Session this 14th Day of Sept. 2017.

By: [Signature]
~~Chief Elected~~ Appointed Official

Subscribed and sworn before me this 14 day of Sept. 2017.

ATTEST:

Olivia Plant
Clerk/Notary Public

6-2-19
Commission Expires

(seal)



<p>Rural Economic Action Plan (REAP) FY'18 Turkey Ford School Application Information</p>

E. Budget

LED Entire Lighting Assembly Units, 22 @ \$57.00ea.....\$	1,254.00
LED Light Bulbs, 450 @ \$12.00ea.....\$	5,400.00
Tombstones kits for Lighting Conversion, 450 @ \$9.00....\$	4,050.00
Labor for Installation/Conversion, 140 @ \$8.00.....\$	1,120.00

Total Amount Requested.....\$11,824.00

**Rural Economic Action Plan (REAP) FY'18
Turkey Ford School Application Information**

F. Explanation of Matching Funds

Labor by Local Electrician donated.....\$1,500.00

Turkey Ford Custodian Time to Remove Old Receptacles
.....\$ 350.00

Turkey Ford Education Foundation
(other expenses as needed).....\$ 500.00

Total Matching Amount.....\$2,350.00

Rural Economic Action Plan (REAP) FY'18 Turkey Ford School Application Information

G. Brief Explanation of Local Effort

There is minimal local effort on this project due to safety issues that stem from electrical work. However, having the school custodian dedicate time on his day off and prior to his school work day will be helpful to the electrician during the LED Lighting conversion process. It will take quite a bit of time to remove old receptacles, hardware and bulbs and it helps to have someone hand supplies to the electrician. Our staff will gladly help in any way safety permits. The Turkey Ford Education Foundation will contribute \$500.00 to help address any additional needs for the project to be successful.

Rural Economic Action Plan (REAP) FY'18 Turkey Ford School Application Information

H. Brief description of Project

First, aged lighting is starting to go out in classrooms. Existing T-12 bulbs are no longer produced and difficult to purchase. In 1992 the Energy Policy and Conservation Act was amended to require the Department of Energy to carefully review energy standards on an ongoing basis and publish new standards as more energy efficient technologies made their way to market. So in 2009, the department announced the eventual phase out of the 1.5-inch-diameter fluorescent tubes. Production of the tubes was supposed to have ceased after July 14, 2012. High-output and high-CRI T12s are still manufactured today, but production is down and they are more difficult to locate. Perhaps as importantly, magnetic ballasts, which conventional T12s run off of and require, are no longer manufactured in the U.S. The new low-end linear lamp is a T8. And, since the phase-out, they have become the go-to option for pre-existing T12 applications. While the phase-out triggered a number of complete retrofits, stripping out old fixtures and replacing them with more energy-efficient ones, a lot of buildings chose to replace their T12s with either fluorescent T8s or linear LEDs. That, of course, would also require a ballast swap or potentially fixture modifications in the case of LED retrofit kits. Benefits of switching to the smaller-diameter fluorescent tubes include longer life ratings; less mercury content; better color rendering and at least 30 percent more energy efficient.

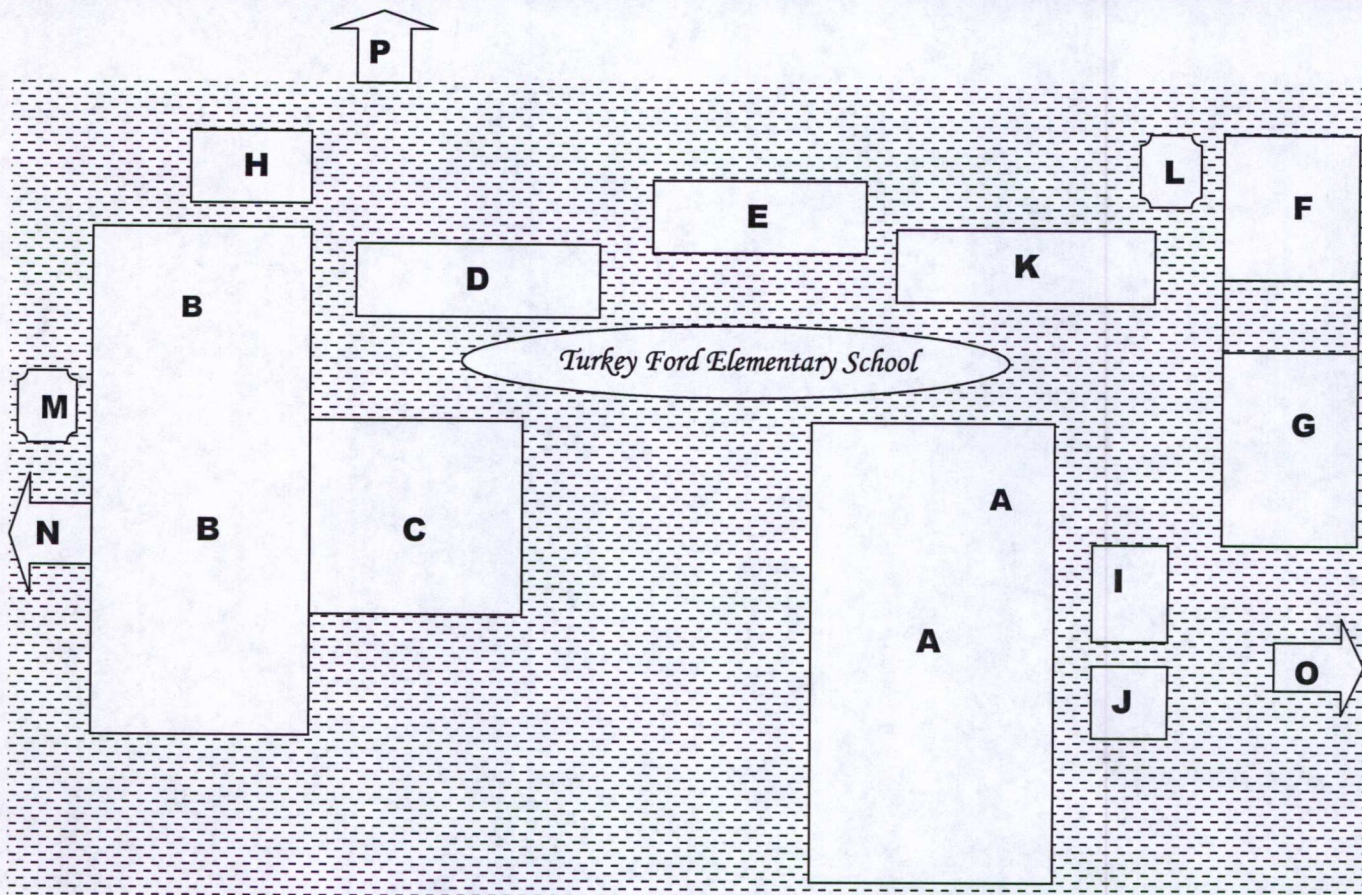
We have had three separate companies, to include one local vendor do an analysis of the school lighting. A summary of the audits determines the lighting in the district is so old, that the district would definitely benefit from an upgrade. There are four factors to help determine the method of conversion/replacement; longevity, what is the most cost effective for you school, lumen or foot-candle rating (aka lighting), and aesthetics. Multiple methods are used due to various building types and applications. TLED's, Direct Fit is the least expensive to outfit a school with LED. It is accomplished by using the existing ballast and using LED tubes to replace fluorescent lighting. If

H. Brief description of Project (Continued)

the ballast or tombstones are old, damaged, or broken, we will have to replace them or use kits. TLEDs Bypass is used in the same manner as the direct fit, except the ballast is cut out of the equation. The new LED tube lamps work without the need for a ballast, as they work off of their own driver. A third type of fix is a Retrofit Kit. This method involves gutting the current fixtures, ballasts, bulbs, and tombstones, and retrofitting a new LED diode kit with a new driver, aka ballast, and new lens. This is basically a brand new fixture, and aesthetically looks the best of all the methods. Whenever possible, this is the most cost-effective, and the method that will be used. With this project, the district will see a significant savings of approximately \$4000.00 per year. Our district takes pride in using taxpayers' money efficiently and making the most of every dollar spent. You can trust that we have the students' best interest at heart when requesting funding for any project. Thank you for your consideration.

Rural Economic Action Plan (REAP) FY'18 Turkey Ford School Application Information

Turkey Ford School Map



- A. Office Building/Gymnasium/Cafeteria**
- B. Kindergarten –Third Grade Classrooms**
- C. Pre-Kindergarten Classroom**
- D. 4th Grade Mobile Classroom**
- E. 5th/6th Grade Mobile Classroom**
- F. Computer Lab**
- G. Library**
- H. Teacher Storage**
- I. Maintenance Storage**
- J. Physical Education Storage**
- K. Donated Mobile for Band/Choir, Literacy Resource Room and JOM/Indian Education Program**
- L. 1000 Gallon Septic Tank for A, F, G & K**
- M. 1400 Gallon Septic Tank for B, C**
- N. North Lateral Lines Toward Ball Field/Playground**
- O. South Lateral Lines Toward Donated Land and Parking Lot**
- P. East Fence Line and Easement Property**

***LED Lighting Conversion will take place in all Turkey Ford School Buildings with electricity .**