**Live Green Loan Fund – Project Proposal**

**Live Green Loan Fund – Project Profile**

**ISU Foundation Lighting – Outdoor**

**Project Background:**

The Iowa State University Foundation is a private nonprofit organization dedicated to securing and stewarding private gifts and grants that benefit Iowa State University. The foundation provides fundraising and stewardship services for the university and manages its endowment, administering about 5,000 gift accounts. With a vision committed to being an organization of distinction in philanthropy, stewardship, and nonprofit governance, consideration of and commitment to sustainability and a sustainable future go hand in hand.

With this in mind, consideration of efficiencies related to business operations and facilities are of specific focus. It is a priority of the Foundation to proactively seek out and incorporate retrofits and upgrades to operational systems toward impacting both energy consumption as well as financial efficiency. In conjunction with replacement of all T12 fluorescent lamps (Live Green Loan Fund Project LG0024), the Foundation is also addressing the opportunity toward further increasing operational efficiencies through the facility’s outdoor lighting system, originally comprised of metal halide lamps.

**Project Description: Project # LG0025 ISU Foundation:**

This project focuses on the replacement of all outdoor lighting with LED lights.

Specific project deliverables include:

* Reduced energy consumption;
* Reduced lighting utility cost;
* Reduced labor cost related to bulb replacement in high and hard to reach fixtures;
* Reduced cost related to replacement bulbs and waste bulb disposal; and
* Improved and enhanced lighting quality for parking and walkway areas.

Project completion is targeted for Spring 2016.

**Project Contact:** Deborah Hanson, [dhanson@foundation.iastate.edu](mailto:dhanson@foundation.iastate.edu), 515-294-8593

Facilities and Payroll Manager

**Project Return on Investment:**

Total project costs are estimated at $12,115. A rebate of $1,578 is able to be applied to the project, resulting in a final cost of $10,537. A $10,537 loan is requested. Expected annual savings equals $2,206/year, with a payback period of 4.8 years.

**Project Outcomes:**

In addition to annual budget savings for ISU as well as reduction in energy demand for the City of Ames, the Foundation will have an opportunity to showcase reduction in and demonstration of energy consumption, specifically through lighting, to a diversity of audiences ranging from staff to donors to partnering organizations and collaborating businesses from across the United States and around the world.

**Applicant**

Name/Contact Info: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Name/Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Confirmation of Due Diligence:**

Technical and financial viability is considered satisfactory for the scope of this project.

Required signatures for project administrative approval have been received (see attached application signature page).

**Funding Recommendation by Live Green Loan Fund Committee:**

$10,537

**Approved Action by Live Green Loan Fund Committee:**

Project approval by Director of Sustainability and signature of attached Funding Agreement.

**On Behalf of the Live Green Loan Fund Committee**

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Director of Sustainability Date