

CONSORTIUM OF ACADEMIC & RESEARCH LIBRARIES IN ILLINOIS

PROPOSAL COVER SHEET
FY 2009

PROJECT: CARLI Green Construction and Engineering Project

This project is a:

Access & Analysis Award Proposal

Collection Partnership / Collaborative Digitization Award Proposal

AMOUNT OF MONEY REQUESTED:

HOST LIBRARY: Bradley University

HOST LIBRARY INFORMATION:

Contact Person: Todd Spires

Address: Cullom-Davis Library, 1501 West Bradley Avenue

City: Peoria State: IL, Zip: 61625

Phone: 309-677-2841 Fax: 309-677-2558

E-mail: tspires@bradley.edu

Director of Host Library: Barbara Galik

PARTICIPATING LIBRARIES, CONTACT PERSONS, & FULL CONTACT INFORMATION:
(Include the **name, title, full U.S. Postal address, phone number, and e-mail address** of a contact person at each participating library.)

Bradley University

Todd Spires

Collection Development Librarian

Cullom-Davis Library

1501 West Bradley Avenue

Peoria, IL 61625

Phone: (309) 677-2841

Email: tspires@bradley.edu

Heartland Community College

Chris Sweet
Information Services Librarian
Heartland Community College Library
1500 W. Raab Rd.
Normal, IL 61761
Phone: (309) 268-8277
Email: Chris.Sweet@heartland.edu

Illinois Institute of Technology

Carol DeBiak
Science Reference Librarian
Paul V. Galvin Library
Illinois Institute of Technology
Chicago, IL 60616
Phone: (312) 567-5318
Email: debiak@iit.edu

Illinois State University

Julie Murphy
Science Online Resources Librarian
Subject Specialist for Physics, Chemistry, and Mathematics
Milner Library, Illinois State University
Normal, IL 61790-8900
Phone: (309) 438-5317
Email: jamurph@ilstu.edu

Northern Illinois University

Nestor Osorio
Science-Engineering Librarian
Founders Library 303
Northern Illinois University
DeKalb, IL 60115
Phone: (815) 753-9837
Email: nosorio@niu.edu

Southern Illinois University – Edwardsville

Juliet Kerico
Science and Health Sciences Librarian
Southern Illinois University Edwardsville Lovejoy Library
Campus Box 1063
Edwardsville, IL 62026
Phone: (618) 650-3828
Email: jkerico@siue.edu

Introduction

Our original proposal stated our purpose as this:

“Social and political pressure in the United States has influenced the building industry to seek out new, environmentally friendly construction techniques, materials and equipment. The field is growing rapidly. To support these advances, universities around the country have incorporated these ideas into their curricula. Illinois universities are doing the same. However, since it is a new field, few materials have been purchased at academic libraries within the state. If funded, this grant will provide monies for several CARLI libraries to purchase materials to support these educational initiatives for this growing and potentially important area of study.”

However, the original focus of this project has broadened in scope since our initial proposal. It is now a consolidation of three proposals (intents to apply) made to CARLI in late 2007. They include the original proposal, “Green Construction and Engineering” made by Todd Spires. We also consolidated Chris Sweet’s proposal “Energy Crisis: Declining Traditional Sources and Emerging Alternatives” and Nestor Osorio’s proposal “Engineering and Technology of Designing Products and Processes with Minimal Impact.” This was done to pull three smaller proposals into one, broad proposal on green construction, engineering and science. This proposal has been enhanced by the consolidation and if funded, will result in collections appealing to a much wider population of the state.

The CARLI Green Construction and Engineering Project seeks to develop library collections statewide so that students and faculty using CARLI member libraries may have access to the material purchased with the grant. We believe that this collection enhancement proposal fits the theme of this year’s award program, “Green, Global and Sustainable.” Additionally, since green construction, engineering and sciences are relatively new fields, we will be purchasing new materials if this proposal is funded. All of the materials collected will be fully available so that users of all CARLI member libraries will have equal access to the content.

Benefits

Institutions with programs in engineering, construction, chemistry and alternative fuel technologies will benefit the most from materials purchased from this proposal. However, they are not the only ones. Institutions with programs for general contractors or construction workers may find the materials useful as well. In addition, those looking at the “green” phenomenon from a sociological, political or scientific point-of-view may find the materials of value.

This project builds upon two proposals funded by CARLI over the past two years. They are the “Green Technology Collection Enhancement Partnership,” funded for 2008 and the “Alternative Energy Monograph Partnership,” funded for 2007. This proposal will broaden the state’s collection of materials in alternative energy technologies, green construction and green chemistry, but it will also address more specific technologies in areas like green roof construction, new concrete materials, green construction machinery and the chemistry/physics of new fuels.

The members of the Green Construction and Engineering Project agree to promote the statewide use of our collections through various forms of media. These may include, but are not limited to, word of mouth, listserv announcements, the news media, and so on. Additionally, the sharing of materials across the state will serve as a means of promotion on its own.

Cost and Funding Plan

Here is the cost breakdown for the participating institutions in the Green Construction and Engineering Project. Please refer to the institutional statements in Appendix A for a more detailed description of how the money would be spent and monitored.

Institution	Subject	Amount
Bradley University	Green Construction Equipment and Machinery	\$2,500
Heartland Community College	Emerging Alternative Energy Technologies	\$2,500
Illinois Institute of Technology	Concrete and Other Sustainable Materials in Building and Construction	\$4,000
Illinois State University	Fundamental Chemistry and Physics of New Fuel and Energy Technologies	\$4,000
Northern Illinois University	Energy Efficiency and Renewable Energy Resources for Industry	\$7,000
Southern Illinois University – Edwardsville	Green Roof Construction	\$2,500
Total Cost		\$22,500

Quality of Plan of Operation

Members of the CARLI Green Construction and Engineering Project agree to identify titles within the state within their stated subject areas to supplement, but not to duplicate the statewide I-Share catalog. The institutions participating will process and catalog all materials within six months of their receipt. We also agree to share all materials collected both within the state and beyond. Members will also serve as last copy repositories or will arrange for another CARLI member to take permanent retention of the materials, if needed.

The host library, Bradley University, will facilitate communication between participants as to the status of the plan of operation. Most of this will be done via e-mail or telephone.

Expandability/Adaptability

The broad subject areas of green construction, green engineering and alternative fuels are growing and evolving. In the years to come resources in these fields will continue to be important across multiple disciplines. As the technology evolves, new governmental regulations will be passed, new educational opportunities will arise and more general interest will develop. Building upon the recent collection enhancement awards the past two years, it is our hope that our funded award will broaden awareness of collection building efforts in these areas and encourage them to continue to build upon what we will have done.

Quality of Plan for Evaluation and Plan for Reporting on Progress

All members of the CARLI Green Construction and Engineering Project agree to report to the project leader the titles purchased, associated costs, their publicity efforts and their feedback from their user community. A report including circulation data will be presented to CARLI at the end of the year. All members agree to communicate with their faculty in order to ensure materials purchased will indeed support the curriculum.

