

Contribution Application

Organization Information

Date of application:

12/06/2011

Organization name:

Open Source Ecology

Legal name registered with IRS:

If different from the organization name

The Terra Foundation

Other name organization is known as:

-if applicable-

Mailing address:

PO Box 442

City:

Maysville

State/Province:

MO

Zip/Postal code:

64469

Country:

United States

Federal/Employer Identification Number:

77-0298872

Tax exempt status:

501(c)3

Main organization telephone number:

Please format as (xxx) xxx-xxxx

720-254-2085

Main organization fax number:

Please format as (xxx) xxx-xxxx

(000)000-0000

General organization e-mail address:

-if applicable-

opensourceecology@gmail.com

Organization website address:

www.yourorganization.org

opensourceecology.org

Organization category:

Education

Please provide a narrative description of the organization, including the mission statement.

Please limit to four paragraphs or less

We are a network of farmers, engineers, and supporters engaged in creating the Global Village Construction Set (GVCS), a low-cost, high-performance, open-source, do-it-yourself platform that allows for the easy fabrication of the 50 industrial machines that it takes to build a small civilization with modern comforts. The GVCS includes machinery, equipment, tools, components, and other infrastructures for creating a complete economy: food, fuel, energy, building materials, transportation, and fabrication. By using the open-source platform, we have invited the whole world to engage in a discussion about what the best practices are for redesigning the industrial foundation upon which modern civilization is built.

Our mission is the establishment of a distributive enterprise model: developing tools for open source, productive enterprises with a focus on training producers. We are interested in developing a new economic engine: the community-based solution of re-localized production.

CEO or Equivalent

First name:

Marcin

Last name:

Jakubowski, PhD

Title:

Founder/Executive Director

E-mail address:

opensourceecology@gmail.com

Proposal Information

Primary Contact for this Grant

First name:

Aaron

Last name:

Makaruk

Title:

Director of Development

Office phone:

Please format as (xxx) xxx-xxxx

720-254-2085

Fax number:

Please format as (xxx) xxx-xxxx

E-mail address:

aaronmakaruk@gmail.com

Program/Project Summary

Is the funding you are seeking for:

Program/Project Support

Name or title of the program:

Please limit to 20 words or less

Open Source Ecology - The Global Village Construction Set

Grant would cover period beginning:

01/01/2012

Grant would cover period ending:

01/01/2013

Amount requested:

No \$ sign needed (xx,xxx)

65,000

Project budget:

No \$ sign needed (xx,xxx)

2,531,000

Total organizational budget:

(current year)

2,531,000

Please provide a narrative description of the purpose of this grant. Ideally, this should include the goals and objectives.

Please limit to one paragraph or less

Our mission is to encourage the development of localized industrial enterprises by simplifying the designs and lowering costs associated with fabricating productive machinery. For example, our designs can be created up to eight times more cheaply than it costs to purchase a retail counterpart and made with low-grade, abundant, local resources. Our primary goals are to finish designing the Global Village Construction Set and begin training producers on how to implement the enterprise model.

For each machine, through the open source platform, we include the following: (1) design rationale; (2) 3D CAD files; (3) 2D fabrication drawings; (4) CAE analyses; (5) CAM files (where applicable); (6) exploded parts diagrams; (7) bills of materials and sourcing information; (8) scaling calculations; (9) A-Z instructionals; and (10) cost and performance comparisons to industry standards. All documentation is openly available on our website, along with high-quality video tutorials showing how to fabricate the machinery. The website also includes a community-developed wiki, online forum, and blog for assisting independent replications of our designs.

How does your organization intend to use the grant?

- Help design the remaining 46 machines.
- Develop 3 prototypes for each machine.
- Field-test each prototype.
- Document each design.

Summarize the strategic link to the CHS Foundation:

We feel that our work directly aligns with the CHS Foundation's mission to reinvigorate rural communities. We provide an advanced industrial platform for people in agricultural areas to create and use themselves. As we mature as an organization, our impact will assist people in rural communities reach new levels of productive output and self-sufficiency.

How many people will this project serve?

1,000 - 100,000

Please select the primary states involved:

Missouri

Age group primarily benefiting from this program:

Adults

Ethnic group primarily benefiting from the program:

Other sources of support for this program or project:

\$60,000 - Kauffman Foundation

\$63,573 - Kickstarter.com Campaign

\$60,000 - Anonymous Construction Grant

\$4,400/mo - True Fan Campaign

Attachments

Title	File Name
Itemized Project Budget	Open Source Ecology - Global Village Construction Set - Budget.pdf
Financial Statements	Terra Foundation - Open Source Ecology - Financials.pdf
Supplemental Information	Resume - 12-1-11 - Marcin Jakubowski.pdf
Files attached to this form may be deleted 120 days after submission.	