

**APPROPRIATIONS REQUEST FORM
OREGON HOUSE DELEGATION
FISCAL YEAR 2010**

Project Title: Foundry Recycling to Minimize Waste

Organization Name and address:

Precision Castparts Corporation
4650 South Macadam Ave. Suite 300
Portland, OR 97239

Primary Contact name, phone number, mobile number, fax number and e-mail:

Jim Barrett
Phone: 503 788-6567
Fax: 503 777-7684
jbarrett@pcstructurals.com

Project Location Address (if different from Organization):

Same as above

Describe the organization's main activities, and whether it is a public, private non-profit, or private for-profit entity:

PCC is a public traded, for profit entity.

Briefly describe the activity or project for which funding is requested (please keep to 250 words or less, subcommittee online submission will not accept more):

As a process for supplying both aerospace and industrial gas turbine components, the investment casting process is an effective and efficient method of manufacture. Desired components are first made as wax patterns, invested in ceramic shells, fired, and filled with liquid metal.

Once the manufacturing process is complete and the desired part has shipped, there is a significant amount of process generated waste that largely ends up in landfills today. This waste stream presents an opportunity for both conservation and recycling. Waste is shipped off annually to landfills from our facilities in Connecticut, California, Georgia, Nevada, Ohio, Oregon and, New Hampshire.

Today, primarily metal and some of our waxes are recycled. The problem with recycling other materials is that we don't know who would potentially want our remaining wax, ceramic, metals, and other waste streams. The ideal scenario would be to find sources who could use these materials as an incoming raw material stream. Should that not be possible, the next best thing would be to find a source capable of recycling the material. Either approach would achieve the ultimate goal which is to avoid materials ending up in landfills.

PCC would like to spend 3.0 Million dollars in funding to look at our entire waste stream. This funding would be used for characterization, investigations into possible use, and exploration of

potential leads. Learning could be leveraged among several facilities and best practices communicated between facilities.

Has this project received federal appropriations funding in past fiscal years?: No

If yes, please provide fiscal year, Department, Account, and funding amount of any previous funding: N/A

Federal agency and account from which funds are requested (Please be specific –e.g. Department of Housing and Urban Development, Economic Development Initiatives account): USAF RDT&E, Manufacturing Technologies, PE # 0603680F

What is the purpose of the project? Why is it a valuable use of taxpayer funds? How will the project support efforts to improve the economy and create jobs in Oregon?:

The project is aimed at preventing unnecessary waste of materials. Its' goal is to recycle the hundreds of thousands of pounds of waste generated by the investment casting process so that it does not end up in landfills. The project has enormous environmental and conservation benefits.

The work would also provide a benefit to Oregon in these down economic times by preserving jobs until primary markets return to their historic levels. Once a program is fully developed and in place we would expect that it would create jobs in Oregon as well as throughout the United States wherever our facilities have a need including: Connecticut, California, Georgia, Nevada, Ohio, Oregon and, New Hampshire.

Have you requested funding for this project from other Members of Congress?

If so, who?

Congressman Steven LaTourette

Funding Details

I. Total project cost (all funding sources and all years): \$3.0M

II. Amount being requested for this project in Fiscal Year 2010: \$3.0M

III. What other funding sources (local, regional, state) are contributing to this project or activity? (Please provide specific dollar amount or percentage.):

None

IV. Do you expect to request federal funding in future years for this project?

If the project is fully funded we do not expect to request federal funding in future years for this project.

V. Breakdown/budget of the amount you are requesting for this project in FY 2010. (e.g. salary \$40,000; computer \$3,000):

90% of the funding will be used to study the waste system and pursue innovative leads for recycling and innovation, paying the salaries for PCC employees. 10% of the funds will be used to provide government oversight and program management.

VI. Please list public or private organizations that have supported/endorsed this project:

USAF

Dr. Howard Sizek

AFRL/RXMP

Ph: 937-904-4389

Howard.Sizek@wpafb.af.mil

VII. Is this project scalable? (i.e. if partial funding is awarded, will the recipient organization be able to use the funds in FY 2010?):

Yes