

## Solicitations (Issue 188)

4/7/09

Greetings – Here is Issue 188.

The RFPs (that I noticed) created or supplemented as a result of the American Recovery and Reinvestment Act (Recovery) are identified in the RFP titles.

The Recovery homepage (<http://www.recovery.gov/>) has links to State-level Recovery sites where you may be able to track down some sub-grantee opportunities. Washington State's Recovery site does an outstanding job showing where WA Recovery funds are going and who to contact for more info. Here's a link to all of the State sites: <http://www.recovery.gov/?q=content/state-recovery-page>.

A huge thanks to the Washington State University Extension Energy Program for distributing these newsletters through their listserv. WSU has provided this service to funding newsletter subscribers for over 11 years.

Please pass this newsletter on to those contacts in your state, region, or elsewhere who you think may be interested.

If anyone you know would like to sign up to receive these funding newsletters, follow the subscription instructions at the bottom of this email, or send a subscription request to [laurie.e.brown@comcast.net](mailto:laurie.e.brown@comcast.net). Include subscriber's email address in the body of the message.

If you would like to announce an RFP in one of these newsletters, forward a summary to me at the email address listed above.

There are 30 funding notices included in this issue.

### **1) \$3 Billion for Energy Efficiency and Conservation Block Grants - Recovery**

The U.S. Department of Energy request proposals for Energy Efficiency and Conservation Block Grants (EECBG). This program will provide financial assistance to eligible states, cities, counties and Indian Tribes to create and implement strategies to reduce energy use and fossil fuel emissions, and improve efficiency in the building, transportation, and other appropriate sectors. Areas of interest include, are not limited to: Development of efficiency and conservation strategies and programs for buildings and transportation, technical consultant services; building energy audits; energy efficiency retrofits; building codes programs; reduction and capture of methane and greenhouse gases; traffic signals and street lighting; and renewable energy technologies on government buildings. \$3.1 billion expected to be available. Applications from States due 5/26/09. Applications from Local Governments and Tribes due 6/25/09. For more info, contact Lisa Kuzniar at [lkuzni@netl.doe.gov](mailto:lkuzni@netl.doe.gov) or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46340>. Refer to Sol# DE-FOA-0000013. (Grants.gov 3/26/09)

### **2) Green Jobs Training- Recovery**

The U.S. Department of Labor announces its intent to request proposals for Recovery Act Competitive Grant Opportunities. DOL anticipates \$500 million will be targeted at research, labor exchange, and job training projects that prepare workers for careers in energy efficiency and renewable energy as defined in the Green Jobs Act: Energy efficient building, construction, and retrofitting; renewable electric power; energy efficient and advanced drive train vehicles; biofuels; deconstruction and materials use; energy efficiency assessment for residential, commercial, or industrial sector, and manufacturing of sustainable products using sustainable processes. \$250 million will be targeted at other high growth and emerging

industry sectors. DOL intends to post the RFPs no later than 6/30/09. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46337>. (Grants.gov 3/26/09)

### **3) Clean Energy Application Centers**

The U.S. Department of Energy requests proposals for Clean Energy Application Centers. Through this RFP, DOE seeks to establish Centers that will support technology transfer of Combined Heat and Power, District Energy, Waste Heat Recovery, and other clean energy systems, along with support for evaluating the economic and environmental value of proposed systems based on these technologies. \$3 million expected to be available, up to 8 awards anticipated. Responses due 4/30/09. For more info, contact Juliana Heynes at [heynes@netl.doe.gov](mailto:heynes@netl.doe.gov) or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46189>. Refer to Sol# DE-FOA-0000048. (Grants.gov 3/20/09)

### **4) Tribal Weatherization Training**

The U.S. Department of Energy requests proposals for First Steps Toward Tribal Weatherization - Human Capacity Development. Through this RFP, DOE seeks to support Tribes in the establishment of Tribal weatherization programs, building weatherization skills and capabilities, and positioning them to provide weatherization services to their Tribal members and potentially neighboring Tribes. \$1 million expected to be available, up to 5 awards anticipated. Responses due 5/7/09. For more info, contact Pamela Brodie at [pamela.brodie@go.doe.gov](mailto:pamela.brodie@go.doe.gov) or go to: <https://e-center2.doe.gov/iips/faopor.nsf/UNID/B7B0C10960EB756B8525757B00786FAE?OpenDocument>. Refer to Sol# DE-PS36-09GO99022. (Grants.gov 3/16/09)

### **5) Rural Energy Audits and Renewable Energy Development - Recovery**

The U.S. Department of Agriculture requests proposals for the Rural Business Enterprise Grant Program. USDA seeks proposals from eligible entities to provide energy audits and renewable energy development assistance for agricultural producers and rural small businesses. Individual awards NTE \$100K. Responses due 6/9/09. For more info, go to: <http://www.rurdev.usda.gov/rbs/>. Refer to Sol# RDBCP-09-RBEG-ARRA. (Grants.gov 3/27/09)

### **6) High Tonnage Biomass Feedstocks**

The U.S. Department of Energy requests proposals for the Development of Supply Systems to Handle and Deliver High Tonnage Biomass Feedstocks for Cellulosic Biofuels Production. Through this initiative, DOE seeks to stimulate the design and demonstration of a comprehensive system to handle the harvesting, collection, preprocessing, transport and storage of sufficient volumes of sustainably produced feedstocks required to achieve the rapid expansion of the commercial domestic biofuels industry. \$15 million expected to be available, up to 3 awards anticipated. Responses due 5/18/09. For more info, contact Henry Eggink at [hank.eggink@go.doe.gov](mailto:hank.eggink@go.doe.gov) or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46146>. Refer to Sol# DE-FOA-0000060. (Grants.gov 3/18/09)

### **7) Transportation Electrification - Recovery**

The U.S. Department of Energy requests proposals for Transportation Electrification. This initiative will support projects to accelerate the market introduction and penetration of advanced electric drive vehicles. Areas of interest include: Electric Drive Vehicle Demonstration and Evaluation; Transportation Sector Electrification; and Advanced Electric Drive Vehicle Education Programs. \$378 million expected to be available, more than 34 awards anticipated. Responses due 5/13/09. For more info, contact Raymond Jarr at [rjarr@netl.doe.gov](mailto:rjarr@netl.doe.gov) or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46161>. Refer to Sol# DE-FOA-0000028. (Grants.gov 3/19/09)

### **8) Electric Drive Vehicle Battery and Component Manufacturing - Recovery**

The U.S. Department of Energy requests proposals for the Electric Drive Vehicle Battery and Component Manufacturing Initiative. This initiative will support the construction (including production capacity increase of current plants) of U.S. based manufacturing plants to produce batteries and electric drive components. Areas of interest include, but are not limited to: cell and battery manufacturing facilities; advanced battery supplier manufacturing facilities; advanced lithium ion battery recycling facilities; and electric drive component and subcomponent manufacturing facilities. \$2 billion expected to be available, more than 37 awards anticipated. Responses due 5/19/09. For more info, contact Kelly McDonald at [kelly.mcdonald@netl.doe.gov](mailto:kelly.mcdonald@netl.doe.gov) or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46164>. Refer to Sol# DE-FOA-0000026. (Grants.gov 3/19/09)

### **9) Public Participation in Public Transportation Planning**

The Federal Transit Administration requests proposals for Participation Related to Public Transportation Planning. This initiative seeks to support the R&D of innovative approaches to enhance the quality and level of public participation in public transportation planning. Areas of interest include, but are not limited to: Contracting with stakeholders to focus on the delivery of transportation plans and programs; measuring and reporting on the annual performance of the transportation systems; and improving data collection analysis. \$750K expected to be available, up to 10 awards anticipated. Responses due 5/15/09. For more info, go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46140>. Refer to Sol# FTA-09006-PTPP-TPE. (Grants.gov 3/18/09)

### **10) Renewables - California**

The City of Palo Alto seeks up to 150 GWh/year (average 17 MW) from eligible renewable resources for up to 30 years. Responses due 4/14/09. For more info, contactCarolynn Bissett at [carolynn.bissett@cityofpaloalto.org](mailto:carolynn.bissett@cityofpaloalto.org) or go to:

[http://www.cityofpaloalto.org/depts/asd/current\\_solicitations.asp](http://www.cityofpaloalto.org/depts/asd/current_solicitations.asp). Refer to RFP #130699. (Green Power Network 4/3/09)

### **11) Renewables - California**

Los Angeles Power and Light seeks ~1,000 GWh/year of eligible renewable energy resources to meet RPS goals. Responses accepted continuously to 3/11/10. For more info, contact [Renewables@ladwp.com](mailto:Renewables@ladwp.com) or go to: <http://www.ladwp.com/ladwp/cms/ladwp011767.jsp>. Refer to No. RFP253-09. (Green Power Network 4/3/09)

### **12) Renewables - Arizona**

The Arizona Public Service Company seeks 45,000 MWh (10,000 MWh from solar) from eligible renewable energy resources to meet the requirements of APS's Small Generation Pilot Program. Notice of intend to bid due 4/30/09, final bid due 6/4/09. For more info, contact [RenewableRFP@aps.com](mailto:RenewableRFP@aps.com) or go to: <http://www.aps.com/aps/rfp/renewable2009/default.html>. (Green Power Network 4/3/09)

### **13) Renewable Assessment – New Mexico**

The U.S. Department of Interior requests bids to Prepare an Assessment Report for Renewable Energy on Bureau of Land Management New Mexico Public Land. The report will consist of a preliminary site suitability analysis to identify potential renewable energy development sites using existing BLM and other agency data and information. Responses due 4/13/09. For more info, contact Vicki Snow at

[vicki\\_snow@nm.blm.gov](mailto:vicki_snow@nm.blm.gov) or go to:

[https://www.fbo.gov/index?s=opportunity&mode=form&id=c756914a5f8ab62489bd510a04af7588&tab=core&\\_cvview=0&ccck=1&au=&ck=](https://www.fbo.gov/index?s=opportunity&mode=form&id=c756914a5f8ab62489bd510a04af7588&tab=core&_cvview=0&ccck=1&au=&ck=). Refer to Sol# L09PS00191. (FBO 3/21/09)

#### **14) Solar Roofs – Buckley AFB**

The U.S. Department of the Army requests bids to install PV panels on a number of buildings at Buckley Air Force Base, Aurora, CO. Work to include design and construct second generation roof top photovoltaic system to include solar panels; dc inverter; wiring; distribution; net metering system; and all other components necessary to provide complete and viable solar generation renewable energy systems on roofs of buildings. Estimated cost range \$1 to \$3 million. Responses due 5/1/09. For more info, contact Bill Perez at [guillermo.perez@cobuck.ang.af.mil](mailto:guillermo.perez@cobuck.ang.af.mil) or go to:

[https://www.fbo.gov/index?s=opportunity&mode=form&id=48c9fea8d73da916512d2490f595d8fb&tab=core&\\_cvview=0&ccck=1&au=&ck=](https://www.fbo.gov/index?s=opportunity&mode=form&id=48c9fea8d73da916512d2490f595d8fb&tab=core&_cvview=0&ccck=1&au=&ck=). Refer to Sol# W912LC-09-T-5004. (FBO 4/3/09)

#### **15) Rural Business Opportunity Grants**

The U.S. Department of Agriculture requests proposals for Rural Business Opportunity Grants. This program supports projects that improve the economic conditions of rural areas, which may include technical assistance for business development and economic development planning. \$2.48 million expected to be available, up to 49 awards anticipated. Responses due 4/30/09. For more info, including state level contacts, go to:

<http://www.grants.gov/search/synopsis.do;jsessionid=gbMnJhZFvkJ3nGDT5590bCRJtwS7m5l6V4KB586bzdQpC2TqLhk1!1092905380>. Refer to Sol# RDBCP-2009-RBOG. (Grants.gov 3/18/09)

#### **16) Conservation Innovation Program – The Pacific Islands, North Dakota, Iowa, Kansas, Pennsylvania, Utah, Vermont, New Hampshire, Colorado, New Mexico, Oregon**

The U.S. Department of Agriculture requests proposals for the Conservation Innovation Program in the Pacific Islands, ND, IA, KS, PA, UT, VT, NH, CO, NM, and OR. CIG seeks to stimulate innovative conservation approaches and technologies, in conjunction with agricultural production. Areas of interest vary by state priorities but may include areas such as transitioning to organic production, farm energy conservation, and carbon sequestration in soil.

**1) Pacific Islands:** \$300K expected to be available, up to 5 awards anticipated. Responses due 5/15/09. Projects must take place in HI, American Samoa, Guam or the Northern Marianas Islands. For more info, contact Stephen [stephen.case@hi.usda.gov](mailto:stephen.case@hi.usda.gov) or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46549>. Refer to Sol# USDA-NRCS-HI-09-01. (Grants.gov 4/2/09)

**2) ND:** \$230K expected to be available, up to 5 awards anticipated. Responses due 5/15/09. For more info, contact Jennifer Heglund at: [jennifer.heglund@nd.usda.gov](mailto:jennifer.heglund@nd.usda.gov) or go to:

[http://www.nd.nrcs.usda.gov/programs/CIG/CIG\\_index\\_09.html](http://www.nd.nrcs.usda.gov/programs/CIG/CIG_index_09.html). Refer to Sol# USDA-NRCS-ND-09-01. (Grants.gov 3/19/09)

**3) IA:** \$300K expected to be available, individual wards NTE \$75K. Responses due 5/15/09. For more info, contact Roy Campbell at [roy.campbell@ia.usda.gov](mailto:roy.campbell@ia.usda.gov) or go to:

<http://www.ia.nrcs.usda.gov/programs/CIG.html>. Refer to Sol# USDA-NRCS-IA-09-01. (Grants.gov 3/16/09)

**4) KS:** \$200K expected to be available, up to 4 awards anticipated. Responses due 4/24/09. For more info, contact Paul Gallagher at [paul.gallagher@ks.usda.gov](mailto:paul.gallagher@ks.usda.gov) or go to:

<http://www.ks.nrcs.usda.gov/programs/cig/index.html>. Refer to Sol# USDA-NRCS-KS-09-01. (Grants.gov 3/23/09)

**5) PA:** Individual awards NTE \$75K, up to 5 awards anticipated. Responses due 5/4/09. For more info, contact Noel Soto at [Noel.Soto@pa.usda.gov](mailto:Noel.Soto@pa.usda.gov) or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46369>. Refer to Sol# NRCS-PA-09-0001. (Grants.gov 3/27/09)

**6) UT:** \$350K expected to be available, up to 5 awards anticipated. Responses due 5/4/09. For more info, contact Lisa Coverdale at [lisa.coverdale@ut.usda.gov](mailto:lisa.coverdale@ut.usda.gov) or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46223>. Refer to Sol# USDA-NRCS-UTAH-CIG-FY09. (Grants.gov 3/23/09)

**7) VT:** \$192K expected to be available, up to 5 awards anticipated. Responses due 5/11/09. For more info, contact Patricia Pickett at [pat.pickett@vt.usda.gov](mailto:pat.pickett@vt.usda.gov) or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46333>. Refer to Sol# USDANRCSVT0901. (Grants.gov 3/26/09)

**8) NH:** \$168K expected to be available, up to 5 awards anticipated. Responses due 5/29/09. For more info, contact Betty Anderson at [betty.anderson@nh.usda.gov](mailto:betty.anderson@nh.usda.gov) or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46372>. Refer to Sol# USDANRCSNH0901. (Grants.gov 3/27/09)

**9) CO:** \$1 million expected to be available, up to 15 awards anticipated. Responses due 5/18/09. For more info, contact Tim Carney at [tim.carney@co.usda.gov](mailto:tim.carney@co.usda.gov) or go to:

<http://www.co.nrcs.usda.gov/programs/CIG/cig.htm>. Refer to Sol# USDA-NRCS-CO-09-01. (Grants.gov 3/26/09)

**10) NM:** \$150K expected to be available, individual awards NTE \$75K. Responses due 5/15/09. For more info, contact Seth Fiedler at [seth.fiedler@nm.usda.gov](mailto:seth.fiedler@nm.usda.gov) or go to:

<http://www.nm.nrcs.usda.gov/programs/cig/cig.html>. Refer to Sol# USDA-NRCS-NM-09-01. (Grants.gov 3/19/09)

**11) OR:** Up to \$500K expected to be available, individual awards NTE \$75K. Responses due 5/8/09. For more info, contact Todd Peplin at [todd.peplin@or.usda.gov](mailto:todd.peplin@or.usda.gov) or go to:

[http://www.or.nrcs.usda.gov/programs/cig/cig-2009/2009\\_Oregon\\_CIG.html](http://www.or.nrcs.usda.gov/programs/cig/cig-2009/2009_Oregon_CIG.html). Refer to Sol# NRCS-OR-09-01. (Grants.gov 3/20/09)

### **17) Effects of Global Change UV on Crops, Forests, and Rangelands**

The U.S. Department of Agriculture requests proposals for the Global Change Ultraviolet Radiation Monitoring Program. This program supports research that provides climatological data on ultraviolet radiation (UV-B) reaching the Earth's surface and assess the combined impact of UV-B and other stressors on crops, forests, and rangelands. \$1.5 million expected to be available, up to 4 awards anticipated. Responses due 5/5/09. For more info, contact Daniel Schmoltdt at [dschmoltdt@csrees.usda.gov](mailto:dschmoltdt@csrees.usda.gov) or go to: [http://www.csrees.usda.gov/funding/rfas/ultraviolet\\_rfa.html](http://www.csrees.usda.gov/funding/rfas/ultraviolet_rfa.html). Refer to Sol# USDA-CSREES-SRGP-002194. (Grants.gov 4/6/09)

### **18) Regional Climate Modeling**

The U.S. Department of Energy requests proposals for Climate Modeling: Simulating Climate at Regional Scale. This initiative will support development of climate models for getting high fidelity simulations of regional climate. High risk, high pay-off research ideas that explore innovative new directions are encouraged. \$2.5 million expected to be available, individual awards NTE \$350K. Pre-applications requested but not required and are due mid-April. Final proposals due 4/27/09. For more info, contact Anjali Bamzai at [anjali.bamzai@science.doe.gov](mailto:anjali.bamzai@science.doe.gov) or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/C79BF482242DD90E852575850070467E?OpenDocument>. Refer to Sol# DE-PS02-09ER09-15. (Grants.gov 3/26/09)

### **19) Carbon Sequestration in Geologic Formations**

The U.S. Department of Energy requests proposals for Innovative and Advanced Technologies and Protocols for Monitoring/Verification/Accounting, Simulation, and Risk Assessment of Carbon Dioxide Sequestration in Geologic Formations. Results will help address the future CO2 management needs of

coal based electric power generating facilities. \$24 million expected to be available, up to 24 awards anticipated. Responses due 5/12/09. For more info, contact Juliana Heynes at [heynes@netl.doe.gov](mailto:heynes@netl.doe.gov) or go to:

<http://www07.grants.gov/search/search.do?jsessionid=3hK5JYWKNMhBW21QpnDmjckC11CyyRwKnyG4ZHk72S2wSNn4K2Zx!-802466050?mode=VIEWREVISIONS&revNum=0>. Refer to Sol# DE-FOA-0000023. (Grants.gov 3/23/09)

## **20) Tribal Education & Outreach on Lead Poisoning**

The U.S. Environmental Protection Agency requests proposals for Tribal Educational Outreach on Lead Poisoning and Baseline Assessment of Tribal Children's Existing and Potential Exposure and Risks Associated with Lead. Through this initiative, EPA seeks Tribal educational outreach and baseline assessments of Tribal children's existing and potential exposure to lead based paint and related lead-based paint hazards. \$500K expected to be available up to 6 awards anticipated. Responses due 4/30/09. for more info, contact Darlene Watford at [watford.darlene@epa.gov](mailto:watford.darlene@epa.gov) or go to:

<http://epa.gov/lead/pubs/grantmap.htm>. Refer to Sol# EPA-HQ-OPPT-09-03. (Grants.gov 3/18/09)

## **21) Pollution Prevention Information Network**

The U.S. Environmental Protection Agency requests proposals for the Pollution Prevention Information Network (PPIN) Grants Program. This program supports grantees that have collaboratively created a national network which promotes pollution prevention information tools and services. \$800K expected to be available, up to 8 awards anticipated. Responses due 5/1/09. For more info, contact Beth Anderson at [Anderson.Beth@epa.gov](mailto:Anderson.Beth@epa.gov) or go to: <http://www.epa.gov/p2/pubs/grants/ppin/ppin09.html>. Refer to Sol# EPA-HQ-OPPT-09-04. (Grants.gov 3/18/09)

## **22) Healthy Communities – Region I**

The U.S. Environmental Protection Agency, Region 1, requests proposals for the Healthy Communities Grant Program. This program supports projects that target resources to benefit communities at risk, and sensitive populations; builds institutional and community capacity to understand and solve environment and human health problems; and achieves measurable environmental and human health benefits. Projects must take place in CT, ME, MA, NH, RI or VT. \$300K expected to be available, up to 20 awards anticipated. Responses due 5/8/09. For more info, contact Jennifer Padula at [Padula.Jennifer@epa.gov](mailto:Padula.Jennifer@epa.gov) or go to: [http://epa.gov/region1/eco/uep/grants\\_2009hc.html](http://epa.gov/region1/eco/uep/grants_2009hc.html). Refer to Sol# EPA-R1-HC-2009. (Grants.gov 3/27/09)

## **23) National Research Priorities - Recovery**

The National Institute of Standards and Technology requests proposals for the Technology Innovation Recovery Act Measurement Science and Engineering Research Grants Program: Providing the Technology Infrastructure to Address National Priorities. Priority research areas include, but are not limited to: Energy, environment and climate change; manufacturing; and physical infrastructure. \$35 million expected to be available, up to 60 awards anticipated. Responses accepted on a continuous basis. For more info, contact Christopher Hunton at [christopher.hunton@nist.gov](mailto:christopher.hunton@nist.gov) or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46063>. Refer to Sol# 2009-NIST-ARRA-MSE-RESEARCH-01. (Grants.gov 3/16/09)

## **24) Technology Innovation Program**

The National Institute of Standards and Technology requests proposals for the Technology Innovation Program. This program seeks to support, promote, and accelerate innovation in the U.S. through high-risk, high-reward research in areas of critical national need. Areas of interest include: 1) Civil Infrastructure: Advanced Sensing Technologies and Advanced Repair Materials for the Infrastructure: Water Systems, Dams, Levees, Bridges, Roads, and Highways, and 2) Manufacturing: To provide

manufacturers and end users improved access to adequate quantities of advanced materials at competitive costs that allow evaluation and utilization of these materials in innovative ways. Materials performance is often a critical consideration and controlling factor in the innovation process. For example, high strength alloys, aluminum, and magnesium are used to build stronger, lighter and safer vehicles; superalloys are used to make higher efficiency gas turbines; composites make larger, more efficient wind turbine blades; and nanomaterials are finding their way into better performing batteries, energy storage devices, and high voltage transmission lines. \$25 million expected to be available, up to 25 awards anticipated. Responses due 6/23/09. For more info, contact Christopher Hunton at [christopher.hunton@nist.gov](mailto:christopher.hunton@nist.gov) or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46348>. Refer to Sol# 2009-TIP-01. (Grants.gov 3/26/09)

### **25) Environmental Implications of Emerging Technologies**

The National Science Foundation requests proposals for Environmental Implications of Emerging Technologies, for research to develop and test the environmental effects of new technologies. Areas of interest include, but are not limited to: The development and refinement of sensors and sensor network technologies; innovative production processes, waste reduction, recycling, and industrial ecology technologies; and evaluation of the effect of increased usage of renewable resources on water supply and land use. Individuals awards generally NTE \$80K each. Responses due 9/15/09. For more info, contact Paul Bishop at [pbishop@nsf.gov](mailto:pbishop@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=501030](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501030). Refer to Sol# PD-09-1179. (Grants.gov 3/23/09)

### **26) Engineering Design and Innovation**

The National Science Foundation requests proposals for Engineering Design and Innovation. This program funds advances in basic design theory including design for the environment and for manufacturability. Responses due 10/1/09. For more info, contact Christina Bloebaum at [cbloebau@nsf.gov](mailto:cbloebau@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13340](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13340). Refer to Sol# PD-08-1464. (Grants.gov 3/23/09)

### **27) Materials Processing and Manufacturing**

The National Science Foundation requests proposals for Materials Processing and Manufacturing. This program supports research on the interrelationship of materials processing, structure, performance and process control. Emphasis is placed on environmentally benign manufacturing and virtual manufacturing. \$300K expected to be available. Responses due 10/1/09. For more info, contact Joycelyn Harrison at [j-harris@nsf.gov](mailto:j-harris@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13344](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13344). Refer to Sol# PD-08-1467. (Grants.gov 3/23/09)

### **28) Structural Materials and Mechanics**

The National Science Foundation requests proposals for Structural Materials and Mechanics. This program supports research on the behavior of civil infrastructure materials and the mechanics of structural components in the built environment. Of particular interest is research on structural components consisting of natural and synthetic materials, and their impact on life-cycle performance and sustainable development of the civil infrastructure. Responses due 10/1/09. For more info, contact Lawrence Bank at [lbank@nsf.gov](mailto:lbank@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13357](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13357). Refer to Sol# PD-08-1635. (Grants.gov 3/23/09)

### **29) Sensors and Sensing Systems**

The National Science Foundation requests proposals for Sensors and Sensing Systems. This program supports research on methods to acquire and use sensor data on civil, mechanical, and manufacturing systems. Responses due 10/1/09. For more info, contact Shih Liu at [shihliu@nsf.gov](mailto:shihliu@nsf.gov) or go to:

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13349](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13349). Refer to Sol# PD-08-1639. (Grants.gov 3/23/09)

### **30) Greenways**

The Conservation Fund, in partnership with Eastman Kodak and the National Geographic Society requests proposals for Greenways Grants. In general, grants can be used for all appropriate expenses needed to complete, expand, or improve a greenway project, including planning, technical assistance, legal, and other costs. Individual grants NTE \$2.5K. Responses due 6/30/09. For more info, go to: [http://foundationcenter.org/pnd/rfp/rfp\\_item.jhtml?id=247900024](http://foundationcenter.org/pnd/rfp/rfp_item.jhtml?id=247900024). (RFP Bulletin 4/3/09)