

Solicitations (Issue 206)  
11/22/2010

Greetings Subscribers – Here is Issue 206.

Feel free to pass this newsletter on to colleagues that 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 the email message this document was attached to, or send a subscription request to [laurie.e.brown@comcast.net](mailto:laurie.e.brown@comcast.net).

If you stop receiving these newsletters every ~ 4 weeks, your email system/server may be blocking delivery, assuming it's spam. Let me know - I can always sign you up w/ a different email address.

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

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 12 years.

There are 29 funding notices included in this issue.

### **1) Deepwater Horizon Disaster Health Impacts**

The National Institute of Health requests proposals for the Deepwater Horizon Disaster Research Consortia: Health Impacts and Community Resiliency. The intent of this RFP is to create one or more consortia of university-community partnerships to: Address health issues of concern to the residents of the Gulf States affected by the DWH disaster; enhance capacity to respond to potential future disasters and to prevent or minimize adverse health effects arising from them. The release of millions of gallons of crude oil following the DWH disaster poses unpredictable risk to people living along the Gulf Coast. To date there have been very limited studies on the human health effects of oil spills. Studies have primarily evaluated acute physical and psychological effects and alterations in specific physiological functions of workers, community volunteers involved with cleanup, and the general population. There is experimental and epidemiological evidence suggesting that components of crude oil, namely volatile organic compounds (VOCs), polyaromatic hydrocarbons (PAHs), and heavy metals can have long-term harmful effects on human health. In particular, concern has been raised that the recent confluence of natural and man-made disasters along the Gulf Coast may impact mental health and behavior. This RFP will focus on the health impacts of the DWH disaster on the general population residing in the Gulf Coast regions most affected by the DWH disaster. NIEHS is conducting a separate cohort study focused on the potential health effects in clean-up and recovery workers (<http://www.niehs.nih.gov/about/od/programs/gulfworkerstudy.cfm>). \$5.3 million expected to be available, individual awards NTE \$1.2 million. Letters of Intent due 12/21/10, final proposals due 1/21/11. For more info, including contact info, go to: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-11-006.html>. Refer to Sol# RFA-ES-11-006. (Grants.gov 10/29/10)

### **2) National Clean Diesel Funding**

The U.S. Environmental Protection Agency requests proposals for the National Clean Diesel Funding Assistance Program. This RFP will support projects that achieve significant reductions in diesel emissions in terms of tons of pollution produced and diesel emissions exposure, particularly from fleets operating in areas designated by the Administrator as poor air quality areas. Eligible diesel emission reduction solutions include, but are not limited to: Retrofit devices, cleaner fuels, and vehicle or equipment replacement. \$32 million expected to be available, up to 50 awards anticipated. Responses due 1/13/11. For more info, including Regional contacts, go to: [http://www.epa.gov/air/grants\\_funding.html](http://www.epa.gov/air/grants_funding.html). Refer to Sol# EPA-OAR-OTAQ-11-01. (Grants.gov 11/2/10)

### **3) Clean Diesel Emerging Technologies**

The U.S. Environmental Protection Agency requests proposals for the Clean Diesel Emerging Technologies Funding Assistance Program. This RFP will support projects that achieve significant reductions in diesel emissions in terms of tons of pollution produced and diesel emissions exposure, particularly from fleets operating in areas designated by the Administrator as poor air quality areas. Eligible diesel emission reduction solutions are listed on the Emerging Technologies List at: <http://www.epa.gov/otaq/diesel/prgemerglist.htm>. \$4 million expected to be available, up to 8 awards anticipated. Responses due 1/27/11. For more info, contact Michael Wolfe at [wolfe.michael@epa.gov](mailto:wolfe.michael@epa.gov) or go to: [http://www.epa.gov/air/grants\\_funding.html](http://www.epa.gov/air/grants_funding.html). Refer to Sol# EPA-OAR-OTAQ-11-02. (Grants.gov 11/17/10)

### **4) Plant Feedstock Genomics for Bioenergy**

The U.S. Department of Energy and the U.S. Department of Agriculture request proposals for Plant Feedstock Genomics for Bioenergy: A Joint Research Funding Opportunity Announcement USDA, DOE. This RFP will support research that will lead to the improved use of biomass and plant feedstocks for the production of fuels such as ethanol or renewable chemical feedstocks. \$6 million expected to be available, up to 25 awards anticipated. Pre-applications are required and are due 12/17/10, final proposals due 2/25/11. For more info, contact Catherine Ronning at [Catherine.ronning@science.doe.gov](mailto:Catherine.ronning@science.doe.gov) or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000417&agency=DOE>. Refer to Sol# DE-FOA-0000417. (Grants.gov 11/1/10)

### **5) Assessment of Greenhouse Gases and Climate Impacts**

The U.S. Environmental Protection Agency requests proposals for Integrated Assessment of Greenhouse Gases and Climate Impacts. This RFP will support comprehensive, integrated modeling and assessment of multiple greenhouse gases (GHGs) and air pollutants, and the enhancement of understanding of climate change impacts and their economic implications to assist decision makers and the public to effectively respond to the challenges and opportunities posed by climate change. \$2 million expected to be available, up to 3 awards anticipated. Responses due 1/7/11. For more info, contact Lesley Jantarasami at [integratedassessmentrfp@epa.gov](mailto:integratedassessmentrfp@epa.gov) or go to: [http://www.epa.gov/air/grants\\_funding.html](http://www.epa.gov/air/grants_funding.html). Refer to Sol# EPA-OAR-CCD-10-13. (Grants.gov 11/9/10)

### **6) GHG Mitigation of Coal-Fired Power Plants**

The U.S. Environmental Protection Agency announces its intent to request proposals for a Retrofitability Assessment of Greenhouse Gas (GHG) Mitigation for coal fired power plants. The objective this project is to evaluate the technical feasibility of retrofitting GHG technologies to coal-fired power plants and to provide quantitative assessment of space requirement, parasitic energy

consumption, boiler modification, heat integration, cooling tower load, flue gas purification, waste handling, and secondary emissions of the most promising GHG mitigation technologies. The RFP will open on or about 11/30/10. For more info, contact Katie Rechenberg at [rechenberg.kathleen@epa.gov](mailto:rechenberg.kathleen@epa.gov) or go to:

[https://www.fbo.gov/?s=opportunity&mode=form&id=d9bcce461c24589851df6f24dba4cfe9&tab=core&\\_cvview=0](https://www.fbo.gov/?s=opportunity&mode=form&id=d9bcce461c24589851df6f24dba4cfe9&tab=core&_cvview=0). Refer to Sol# SOL-CI-11-00007. (FBO 11/19/10)

### **7) Renewable Energy Microfinance and Microenterprise**

The U.S. Agency for International Development requests proposals for the Renewable Energy Microfinance and Microenterprise Program (REMMP). This purpose of this program is to improve access to modern energy services in underserved communities. This will be achieved by focusing on household and community scale renewable technologies and promoting activities that foster an enterprise based approach to increasing energy access. \$5.6 million expected to be available, 1 award anticipated. Responses due 12/8/10. For more info, contact [remmp@usaid.gov](mailto:remmp@usaid.gov) or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=58708>. Refer to Sol# RFA-OAA-11-000002. (Grants.gov 11/9/10)

### **8) U.S. - Mexico Border Environmental Education**

The U.S. Environmental Protection Agency requests proposals for the U.S. - Mexico Border Environmental Education, Outreach and Support Program. This RFP will support the creation and management of environmental education outreach programs in the U.S. section of the U.S. - Mexico Border region designed to reach K-12, undergraduate, and graduate students and provide training to assist them in pursuing careers in air quality management, and increase their awareness and understanding of environmental risks stemming from air pollution and related environmental justice concerns. \$1.25 million expected to be available, up to 2 awards anticipated. Responses due 1/10/11. For more info, contact Shani Harmon a [harmon.shani@epa.gov](mailto:harmon.shani@epa.gov) or go to:

[http://www.epa.gov/air/grants\\_funding.html](http://www.epa.gov/air/grants_funding.html). Refer to Sol# EPA-OAR-IO-10-13. (Grants.gov 10/19/10)

### **9) Water & Wastewater TA**

The U.S. Department of Agriculture requests proposals for the Technical Assistance and Training Grant Program. This RFP will fund projects that assist communities with water or wastewater systems through free technical assistance and/or training provided by the grant recipients. \$17 million expected to be available, up to 6 awards anticipated. Responses due 12/31/10. For more info, contact Anita O'Brien at [anita.obrien@wdc.usda.gov](mailto:anita.obrien@wdc.usda.gov) or go to: <http://www.usda.gov/rus/water/tatg.htm>. Refer to Sol# RDUP-TAT-FY11. (Grants.gov 10/1/10)

### **10) Solid Waste Management**

The U.S. Department of Agriculture requests proposals for the Solid Waste Management Grant Program. This program supports projects that assist communities through free technical assistance and/or training geared towards reducing or eliminating pollution of water resources in rural areas, and improve planning and management of solid waste sites in rural areas. \$3.5 million expected to be available, up to 35 awards anticipated. Responses due 12/31/10. For more info, contact LaVonda Pernell at [lavonda.pernell@wdc.usda.gov](mailto:lavonda.pernell@wdc.usda.gov) or go to: <http://www.usda.gov/rus/water/SWMG.htm>. Refer to Sol# RDUP-SWMGRANT-100110-FY11. (Grants.gov 10/1/10)

### **11) U.S. DOE Office of Science**

The U.S. Department of Energy, Office of Science, announces its continuing interest in receiving New and Renewal-Supplemental Applications for the Office of Science Grants and Cooperative Agreements. Areas of interest include, but area not limited to: Basic Energy Sciences, Biological and Environmental Research, and Advanced Scientific Computing. Subtopics include, but are not limited to: Materials Science, Solar Photochemistry, and Climate and Environmental Sciences. \$800 million expected to be available. Proposals accepted through 9/30/11. For more info on new grants, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000411&agency=DOE>. Refer to Sol# DE-FOA-0000411. For more info on Renewal-Supplemental grants, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000412&agency=DOE>. Refer to Sol# DE-FOA-0000412. (Grants.gov 9/30/10)

## **12) U.S. Navy Energy Conservation Projects**

The Naval Surface Warfare Center has issued a Broad Agency Announcement for White Papers that address Energy Conservation Applications for the U.S. Navy. This BAA solicits innovative concepts for Navy shipboard energy conservation and carbon footprint reduction with the potential for rapid transition to Fleet operation. The target segment of the Fleet is the ships operated by Military Sealift Command. Responses accepted to 10/31/12. The selection of one or more sources for full proposals and potential contract award will be based on responses to the BAA and the peer review process. For more info, contact Jamie Mattern at james.g.mattern1@navy.mil or go to: [https://www.fbo.gov/?s=opportunity&mode=form&id=f4ea9da536f0413f20b80d9f02707b7e&tab=core&\\_cview=0](https://www.fbo.gov/?s=opportunity&mode=form&id=f4ea9da536f0413f20b80d9f02707b7e&tab=core&_cview=0). Refer to BAA# N00167-11-BAA-01. (FBO 11/3/10)

## **13) 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. The program supports fundamental research on advanced actuators, sensors, wireless sensor networks, new materials and concepts for sensing applications, power generation and energy supply for sensors and sensing systems. Also of interest is research on the strategic incorporation of sensors into both natural and engineered systems to achieve effective data acquisition and on processing and transmission of sensor data. Responses due 2/15/11. For more info, contact Shih Liu at [sliu@nsf.gov](mailto:sliu@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-10-1639. (Grants.gov 10/22/10)

## **14) Control Systems**

The National Science Foundation requests proposals for Control Systems. This program supports innovative research on control theory and control technology driven by real life applications. Program emphasis is on paradigm-shifting ideas for control strategies that may be inspired by nature, unconventional applications, and the combined role of feedback and uncertainty in systems that incorporate large numbers of sensors and actuators. Responses due 2/15/11. For more info, contact Eduardo Misawa at [emisawa@nsf.gov](mailto:emisawa@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13575](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13575). Refer to Sol# PD-10-1632. (Grants.10/18/10)

## **15) Manufacturing Enterprise Systems**

The National Science Foundation requests proposals for Manufacturing Enterprise Systems. This program supports research on design, planning, and control of operations in manufacturing enterprises. Research projects addressing energy efficiency, renewable energy and the power grid have been

awarded in 2010. Responses due 2/15/11. For more info, contact Russell Barton at [rbarton@nsf.gov](mailto:rbarton@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13342](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13342). Refer to Sol# PD-10-1786. (Grants.gov 10/25/10)

#### **16) Materials and Surface Engineering**

The National Science Foundation requests proposals for Materials and Surface Engineering. This program supports fundamental research leading to a better understanding of the effect of microstructure, surfaces, and coatings on the properties and performance of engineering materials; and the ultimate control of these properties through material design. Responses due 2/15/11. For more info, contact Clark Cooper at [ccooper@nsf.gov](mailto:ccooper@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13356](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13356). Refer to Sol# PD-10-1633. (Grants.gov 10/18/10)

#### **17) Structural Materials and Mechanics**

The National Science Foundation requests proposals for Structural Materials and Mechanics. This program supports fundamental 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, their response to mechanical, hydrothermal, and time-dependent loads, and their impact on life-cycle performance and sustainable development of the civil infrastructure. Responses due 2/15/11. For more info, contact Clark Cooper at [ccooper@nsf.gov](mailto:ccooper@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-10-1635. (Grants.gov 10/18/10)

#### **18) Mechanics of Materials**

The National Science Foundation requests proposals for Mechanics of Materials. This program supports fundamental research on solid mechanics including theoretical, analytical, and computational approaches, model-based simulation, and the development of constitutive models. Responses due 2/15/11. For more info, contact Glaucio Paulino at [gpaulino@nsf.gov](mailto:gpaulino@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13355](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13355). Refer to Sol# PD-10-1630. (Grants.gov 10/18/10)

#### **19) Materials Processing and Manufacturing**

The National Science Foundation requests proposals for Materials Processing and Manufacturing. This program supports fundamental research on the interrelationship of materials processing, structure, performance and process control. Responses due 2/15/11. For more info, contact Mary Toney at [mtoney@nsf.gov](mailto:mtoney@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-10-1467. (Grants.gov 10/18/10)

#### **20) Manufacturing and Construction Machines and Equipment**

The National Science Foundation requests proposals for Manufacturing and Construction Machines and Equipment. This program supports fundamental research leading to improved machines and applications for both manufacturing and construction. Key goals are to advance the transition of these industries from skill-based to knowledge-based activities and to develop them as activities with minimal environmental and societal impact. Responses due 2/15/11. For more info, contact George Hazelrigg at [ghazelri@nsf.gov](mailto:ghazelri@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13346](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13346). Refer to Sol# PD-10-1468. (Grants.gov 10/18/10)

## **21) Solar Energy Systems Installation - Oregon**

The City of Portland, OR, seek a variety of materials and services enabling the City to acquire, design, engineer and install PV Systems on City property and/or provide alternative financing models for the acquisition of PV Systems. Responses due 12/3/2010. For more info, go to: <http://cityofportland.ebidsystems.com/public/solicitationdetail.asp?solicitation=112161>. Refer to Sol# 112161.

## **22) Natural Gas Plants for CO<sup>2</sup> Capture and Storage - California**

The California Energy Commission requests proposals for an Assessment of Natural Gas Combined Cycle Plants for Carbon Dioxide Capture and Storage in a Gas-Dominated Electricity Market. Tasks include, but not be limited to: Compile and perform a basic evaluation of CO<sup>2</sup> capture technology options for use on NGCC plants, and preliminary design for a pilot-scale CO<sub>2</sub> capture, compression/dehydration, and injection well test facility. \$1.4 million expected to be available, 1 award anticipated. Responses due 12/1/10. For more info, contact Rachel Grant at [rgrant@energy.state.ca.us](mailto:rgrant@energy.state.ca.us) or go to: [http://www.energy.ca.gov/contracts/pier.html#RFP\\_500-10-502](http://www.energy.ca.gov/contracts/pier.html#RFP_500-10-502). Refer to RFP# 500-10-502.

## **23) WaterSMART - California**

The U.S. Department of the Interior, Bureau of Reclamation - Mid-Pacific Region, requests proposals for WaterSMART: California Bay-Delta Agricultural Water Conservation and Efficiency Projects. Through this RFP, the Bureau seeks projects that save water, improve water management, create new supplies for agricultural irrigation, improve energy efficiency, and benefit endangered species. Projects should also increase the capability or success rate of on-farm water conservation or water use efficiency projects that can be undertaken by farmers and ranchers through irrigation system improvements and irrigation efficiency enhancements. Projects must be located within the CALFED solution area. \$5 million expected to be available, up to 7 awards anticipated. Responses due 1/31/11. For more info, contact Mary Sims at [msims@usbr.gov](mailto:msims@usbr.gov) or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=58759>. Refer to Sol# R11AF20006. (Grants.gov 11/15/10)

## **24) Research for Utility-Scale Renewable Energy - California**

The California Energy Commission requests proposals for Research Needs for Utility-Scale Renewable Energy. This RFP will support RD&D related to more rapid and environmentally responsible deployment of Utility-Scale Renewable Energy to the California electricity grid. Critical objectives include, but are not limited to: Development of new applications of mixed (hybrid and/or integrated) renewable energy technologies; development and demonstration of innovative cost-effective designs; and development of mitigation approaches that result in reduced environmental impacts. \$7.368 million expected to be available, responses due 12/21/10. For more info, contact Rachel Grant at [rgrant@energy.state.ca.us](mailto:rgrant@energy.state.ca.us) or go to: [http://www.energy.ca.gov/contracts/pier.html#RFP\\_500-10-503](http://www.energy.ca.gov/contracts/pier.html#RFP_500-10-503). Refer to RFP 500-10-503.

## **25) Short Term Renewables - Nevada**

NV Energy seeks short-term renewable energy resources that can be delivered on or after 1/1/11, and for a period of one month to three years, to meet Nevada RPS requirements. Responses due 12/15/10. For more info contact ShortTermRFP@NVEnergy.com or go to: <http://www.nvenergy.com/company/doingbusiness/rfps/shorttermRfp.cfm>. (Green Power Network 11/15/10)

## **26) DG as CHP - New York**

The New York State Energy Research and Development Authority requests proposals for Distributed Generation as Combined Heat and Power (DG-CHP). This RFP will support the installation and demonstration of Combined Heat and Power systems at facilities in NY. The CHP systems installed under this program are intended to produce both electricity and useful thermal energy throughout the design life of the installed equipment. \$17 million expected to be available. Responses due 12/23/10. For more info, contact Edward Kear at [ebk@nyserda.org](mailto:ebk@nyserda.org) or go to: <http://www.nyserda.org/funding/1931pon.asp>. Refer to PON# 1931.

## **27) Feasibility Study for Waste-To-Energy Plant - Columbia**

The U.S. Trade and Development Agency requests proposals from U.S. firms to develop a feasibility study to determine the technical, economic and financial viability of a 20 MW waste-to-energy plant near the city of Medellin in the Colombian Department of Antioquia. \$573K available. Responses due 12/7/10. For more info, go to:

[https://www.fbo.gov/?s=opportunity&mode=form&id=dc518d00690b6b444cd439062be24b63&tab=core&\\_cview=0](https://www.fbo.gov/?s=opportunity&mode=form&id=dc518d00690b6b444cd439062be24b63&tab=core&_cview=0). Refer to Sol# 2010-51036A. (FBO 10/20/10)

## **28) Switzer Environmental Fellowships**

The Robert and Patricia Switzer Foundation request proposals for the Switzer Environmental Fellowship Program. This program provides fellowships to graduate students in New England and California whose studies are directed toward improving environmental quality and who demonstrate the potential for leadership in their field. Awards have been made to students pursuing environmental policy, economics, land and water conservation, public health, journalism, architecture, environmental justice, business, and law as well as the more traditional sciences of biology, chemistry, and engineering. 20 fellowships of \$15K each anticipated, as well as networking and leadership support. Responses due 1/15/11. For more info, go to: <http://www.switzernetwork.org/grant-programs/fellowship-program>. (Foundation Center RFP Bulletin 10/1/10)

## **29) International Young Eco-Hero Awards**

Action For Nature invites applications for the International Young Eco-Hero Awards, to recognize the individual accomplishments of young people, ages 8 to 16, for their outstanding accomplishments in environmental advocacy, environmental health, research, or protection of the natural world.

Winners will receive public recognition, cash prizes, and certificates for their outstanding efforts to help protect and preserve the environment. Responses due 2/28/11. For more info, go to:

<http://www.actionfornature.org/>. (Foundation Center RFP Bulletin 10/1/10)