

Solicitations (Issue 203)
8/6/2010

Greetings Subscribers – Here is Issue 203:

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.

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 32 funding notices included in this issue.

1) Market-Based GHG Reduction

The U.S. Environmental Protection Agency requests proposals for Market-Based Approaches to Reducing Greenhouse Gas Emissions Through Energy Efficiency in Homes and Buildings. Proposals must demonstrate the potential to create a sustainable change in the market for energy efficient products, services, and best practices. Areas of interest include, but are not limited to: Improving energy performance in the residential and commercial/government market through increased use of high-efficiency products; Increasing supply/market share for high efficiency products through retail, internet sales (e- tail), and other sales outlets; and Combined Heat and Power's contribution as an energy efficiency measure and its capacity to reduce GHG emissions. \$5.360 million expected to be available, up to 14 awards anticipated. Responses due 9/2/10. For more info, contact Hewan Tomlinson at tomlinson.hewan@epa.gov or go to: http://www.epa.gov/air/grants_funding.html. Refer to Sol# EPA-OAR-CPPD-10-11. (Grants.gov 7/14/10)

2) Hydrogen Storage, Delivery and Biodiesel Fuels

The U.S. Department of Energy requests proposals for Offices of Fuel Cell Technologies and Biomass, FY2010 Energy and Water Appropriations Act, RD&D Projects. Areas of interest include: 1) Liquid Carrier Technology for Hydrogen Storage or Delivery, and 2) Biodiesel Fuels from Low-Impact Crops. \$1 million expected to be available, 2 awards anticipated. Responses due 8/16/10. For more info, contact Stephanie Carabajal at stephanie.carabajal@go.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000380&agency=DOE>. Refer to Sol# DE-FOA-0000380. (Grants.gov 7/12/10)

3) Green Building Self-Assessment Tool

The U.S. Department of Veterans Affairs requests proposals for data processing, hosting, and other related services necessary to access a sustainability building assessment tool for up to 173 VA sites. The self-assessment tool shall be compatible with the third-party existing green building rating systems developed by an ANSI-accredited organization. Responses due 8/27/10. For more info, go to:

<https://www.fbo.gov/?s=opportunity&mode=form&id=752b7b6ec03ce2c89e95b8755959ac42&tab=core&cvview=0>. Refer to Sol# VA70110RP0167. (FBO 7/8/10)

4) Climate Change and Health

The U.S. Department of Health & Human Services requests proposals for Climate Change and Health: Assessing and Modeling Population Vulnerability to Climate Change. This RFP encourages research of risk factors of populations that lead to or are associated with increased vulnerability to exposures, diseases, and other adverse health outcomes related to climate change. For more info, including funding and program contacts, go to: <http://grants.nih.gov/grants/guide/pa-files/PAR-10-235.html>. Refer to Sol# PAR-10-235. (Grants.gov 7/21/10)

5) Climate Data Record Program

The U.S. Department of Commerce, NOAA, requests proposals for the Climate Data Record Program. This program seeks to support the development and stewardship of Climate Data Records for the atmosphere, cryosphere, oceans, and land surface. \$2.5 million expected to be available, up to 15 awards anticipated. Letters of Interest due 9/15/10, final proposals due 11/10/10. For more info, contact Linda Statler at Linda.S.Statler-at-noaa.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=56019>. Refer to Sol# NOAA-NESDIS-NESDISPO-2011-2002566. (Grants.gov 11/10/10)

6) NOAA Climate Programs

The U.S. Department of Commerce, NOAA, requests proposals for the Climate Program Office. Sixteen areas of interest identified, including but not limited to: Advances in Regional-Scale Climate Predictions and Projections; The Global Carbon Cycle; Aerosols, Atmospheric Chemistry, and Climate; and Urban Water Resource Planning. \$21 million expected to be available. Responses due 9/10/10. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=55993>. Refer to Sol# NOAA-OAR-CPO-2011-2002561. (Grants.gov 7/20/10)

7) K-12 Environmental Literacy

The U.S. Department of Commerce, NOAA, requests proposals for Environmental Literacy Grants for Formal K-12 Education. This RFP will support K-12 education projects that advance inquiry-based Earth System Science learning and stewardship directly tied to the school curriculum, with a particular interest in increasing climate literacy. \$8 million expected to be available, up to 10 awards anticipated. Responses due 1/12/11. For more info, contact Carrie McDougall at oad.grants@noaa.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=56016>. Refer to Sol# NOAA-SEC-OED-2011-2002608. (Grants.gov 7/20/10).

8) Regional Pollution Prevention Centers

The U.S. Environmental Protection Agency requests proposals for Coordination of Regional Pollution Prevention Information Network Centers. Through this RFP, EPA expects to fund a coordinator for the national network of eight regional pollution prevention information centers. \$190K expected to be available, 1 award anticipated. Responses due 9/20/10. For more info, contact Beth Anderson at Anderson.Beth@epa.gov or go to: <http://www.epa.gov/p2/pubs/grants/index.htm>. Refer to Sol# EPA-HQ-OPPT-10-06. (Grants.gov 7/22/10)

9) Photovoltaic Manufacturing Initiative

The U.S. Department of Energy requests proposals for the PV Manufacturing Initiative (PVMI). The goal of this initiative is to support the creation of a robust U.S. PV manufacturing base, develop a highly trained workforce with the critical required skills, and speed the implementation of new cutting edge

technologies. Areas of interest include: 1) University-Focused: Designed to allow Universities to conduct industry-relevant R&D projects related to PV manufacturing; and 2) Industry-Focused: Designed to allow Industry to accelerate the development and implementation of PV manufacturing-related technologies through both collaborative and non-collaborative models. \$125 million expected to be available, up to 5 awards anticipated. Responses due 10/5/10. For more info, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000259&agency=DOE>. Refer to Sol# DE-FOA-0000259. (Grants.gov 7/30/10)

10) Basic and Scientific Research

The U.S. Army Research Office has issued a Broad Agency Announcement for basic and scientific research in mechanical sciences, environmental sciences, mathematical and computer sciences, electronics, computational and information sciences, physics, chemistry, life sciences, and materials science. Responses due 9/30/11. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=41952>. Refer to Sol# W911NF-07-R-0003-04. (Grants.gov 8/4/10)

11) Centers for Chemical Innovation

The National Science Foundation requests proposals for the Centers for Chemical Innovation Program, Phase I and II. This program supports research centers focused on major, long-term fundamental chemical research challenges. Up to \$12 million expected to be available, up to 6 awards anticipated. Phase I Preliminary proposals due 10/12/10, Phase II full proposals due 10/11/10. For more info, contact Katharine Covert at kcovert@nsf.gov or go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf10585. Refer to Sol# 10-585. (Grants.gov 7/12/10)

12) Solid State and Materials Chemistry

The National Science Foundation requests proposals for Solid State and Materials Chemistry. This program supports basic research in solid state and materials chemistry comprising the elucidation of the atomic and molecular basis for material development and properties in the solid state from the nanoscale to the bulk. Development of new organic solid state materials, environmentally-safe and sustainable materials, and fundamental studies of novel material and material systems for efficient energy harvesting, conversion and storage are encouraged. Responses due 10/31/10. For more info, contact Linda Sapochak at lsapocha@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5356. Refer to Sol# PD-09-1762. (Grants.gov 7/13/10)

13) 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 10/1/10. For more info, contact Clark Cooper at ccooper@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13356. Refer to Sol# PD-10-1633. (Grants.gov 8/4/10)

14) 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 10/1/10. For more info, contact Lawrence Bank at lbank@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13357. Refer to Sol# PD-10-1635. (Grants.gov 8/4/10)

15) Civil Infrastructure Systems

The National Science Foundation requests proposals for Civil Infrastructure Systems. This program supports research leading to the intelligent engineering of distributed infrastructure systems. Areas of interest include intra- and inter-dependencies in infrastructure design and operation for resilience and sustainability, infrastructure protection, and advanced information technologies for health monitoring, condition assessment, deterioration and asset management. Responses due 10/1/10. For more info, contact Dennis Wenger at dwenger@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13352. Refer to Sol# PD-10-1631. (Grants.gov 8/4/10)

16) 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 10/1/10. For more info, contact Shih Liu at sliu@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13349. Refer to Sol# PD-10-1639. (Grants.gov 8/4/10)

17) Renewables & GHG Reductions – Developing Countries

The U.S. Agency for International Development requests applications for the Energy Efficiency and Renewable Energy Program (EEREP). Through this program, USAID anticipates awarding Leaders with Associate (LWA) Cooperative Agreements. The LWAs will be under two themes: 1) Increasing Energy Efficiency, which will focus on increasing energy efficiency to reduce GHG emissions in developing country economies, and 2) Increasing Adoption of Renewable Energy, which seeks to assist developing countries with promoting and establishing an expanded supply of renewable energy systems. \$5 million expected to be available, 2 awards anticipated. Responses due 9/10/10. For more info, contact eereplwa@usaid.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=56249>. Refer to Sol# RFA-OAA-10-000009. (Grants.gov 7/30/10)

18) Biomass Cogeneration - Pakistan

The U.S. Trade and Development Agency requests proposals for Pakistan - Biomass Cogeneration at Bulleh Shah Paper Mill. Through this RFP, USTDA seeks a feasibility study to determine the best option to utilize various paper and agricultural wastes from a recently built paper mill for purposes of biomass cogeneration. Responses due 9/15/10. For more info, contact Nina Patel at npatel@ustda.gov or go to: <https://www.fbo.gov/?s=opportunity&mode=form&id=4a7de14c0b3a8068505955cc9839ed4a&tab=core&cvview=0>. Refer to Sol# 2010-31049A. (FBO 7/13/10)

19) School PV Systems - Pakistan

The U.S. Trade and Development Agency requests proposals for Pakistan - Beaconhouse Schools Solar Photovoltaic Power Systems. Through this RFP, USTDA seeks a feasibility study for the Beaconhouse School System to demonstrate the commercial viability of installing solar photovoltaic power systems at approximately 400 private schools owned or operated by the largest private educational company in

Pakistan. Responses due 9/1/10. For more info, go to:

https://www.fbo.gov/?s=opportunity&mode=form&id=86ae0d395a36e7c03c22bbd6802a29c6&tab=core&_cview=0. Refer to Sol# 2010-31044A. (FBO 7/17/10)

20) Renewable Energy Transmission - California

The California Energy Commission requests proposals for the Support of the Renewable Energy Transmission Initiative (RETI). The purpose of this RFP is to select a qualified contractor to provide support services to RETI stakeholders that include coordinating and facilitating meetings, seeking consensus decisions from stakeholders and participants, and preparing reports and other documents on actions and decisions reached by stakeholders. \$750K expected to be available, one award anticipated. Responses due 9/14/10. For more info, contact Andrew Ferrin at aferrin@energy.state.ca.us or go to: <http://www.energy.ca.gov/contracts/index.html>. Refer to RFP #700-09-701.

21) Renewables - California

Southern California Edison Co. seeks up to 250 MW renewable energy contracts (including energy, green attributes, capacity attributes and resource adequacy benefits) from generation owners with qualifying in-state facilities of 20 MW or less in size. Responses due 9/8/10. For more info, contact George Wiltsee at george.wiltsee@sce.com or go to: <http://www.sce.com/EnergyProcurement/renewables/renewables-standard-contracts.htm>. (Green Power Network 8/5/10)

22) PV - Colorado

Holy Cross Energy RFP seeks 1 MW of photovoltaic resources and the environmental attributes to be located in its Colorado service territory. Responses due 9/30/10. For more info, contact Chris Hildred at childred@holycross.com or go to: <http://www.holycross.com/green-programs/pv-rfp>. (Green Power Network 7/6/10)

23) Landfill Gas - Louisiana

St. Landry Parish Solid Waste Disposal District requests proposals from qualified developers to implement a turnkey landfill gas utilization project at the St. Landry Parish Landfill. Proposals should provide for installation, construction, and operation. Responses due 9/3/10. For more info, contact Jason Tournillon at rfpinfo@gtenvfin.com or go to: <http://www.gtenvfin.com/rfp.html>. (Green Power Network 8/5/10)

24) Net Zero Energy Test Facility - Maryland

The U.S. Department of Commerce, National Institute of Standards and Technology (NIST), requests proposals for the construction of a net zero energy test facility at the NIST, Gaithersburg, MD campus. Responses due 9/7/10. For more info, contact Robin Jeffries at robin.jeffries@nist.gov or go to: https://www.fbo.gov/?s=opportunity&mode=form&tab=core&id=c8c232f9e554c8f6c604f36d4e6cb6c7&_cview=0. Refer to Sol# SB1341-10-RP-0099. (FBO 8/5/10)

25) Cogeneration - Michigan

The U.S. Department of Veterans Affairs requests proposals for the design and construction a Renewably Fueled Co-Generation Energy System at the Battle Creek Veterans Affairs Medical Center, Battle Creek, MI. Responses due 8/30/10. For more info, go to: https://www.fbo.gov/?s=opportunity&mode=form&id=abf3a695c756a6b0ecd87017c1ab2233&tab=core&_cview=0. Refer to Sol# VA70110RP0183. (FBO 7/10/10)

26) Wind Turbines - Michigan

Detroit Edison has initiated a pre-qualification process to procure wind turbine generation equipment for one or more wind farms in MI with a total generating capacity of approximately 100-200 MW by 2014. Only qualified respondents will be considered for inclusion in a planned RFP that Detroit Edison expects to issue within the next 6-12 months. Responses due 9/3/10. For more info, contact

RenewSuppliers@dteenergy.com or go to:

<http://www.dteenergy.com/dteEnergyCompany/environment/renewableEnergy/suppliers.html>. (Green Power Network 8/5/10)

27) Renewables - Nevada

NV Energy requests eligible renewable energy certificates (RECs) from qualified renewable energy generators to meet the Nevada RPS requirements. Minimum bid size is 450 kilowatts. Responses due 9/22/10. For more info, contact Mark Severts at MSeverts@NVEnergy.com or go to:

<http://www.nvenergy.com/company/doingbusiness/rfps/renewableRFO.cfm>. (Green Power Network 8/5/10)

28) Green Jobs: Training and Implementation Contractor - New York

The New York State Energy Research and Development Authority requests proposals for a Green Jobs Green New York (GJGNY) Training and Implementation Contractor. GJGNY is a statewide program to promote energy efficiency and the installation of clean technologies to reduce energy costs and reduce greenhouse gas emissions. Successful applicant will be responsible for areas including, but not limited to, providing structured training, coordination, and communication for Constituency Based Organizations (CBOs). \$500K expected to be available. Responses due 9/2/10. For more info, contact Susan Andrews at sta@nyserda.org or go to: <http://www.nyserda.org/funding/2080rfp.asp>. Refer to RFP #2080.

29) Green Jobs: Curriculum Inventory, Assessment and Updates - New York

The New York State Energy Research and Development Authority requests proposals for work to conduct a Curriculum Inventory, Contractor Needs Assessment and Curriculum Updates. In support of Green Jobs Green New York, NYSERDA seeks proposals that address the following: 1) Conduct a comprehensive training curriculum inventory of existing energy efficiency training available in NY State, 2) Conduct a needs assessment survey of businesses/contractors to identify current skills gaps in available energy efficiency training curricula, and 3) Update existing residential auditing and other training curriculum to be administered through the Center for Energy Efficiency and Building Science, and other licensees of NYSERDA curriculum. Responses due 8/31/10. For more info, contact Rebecca Sterling at rjs@nyserda.org or go to: <http://www.nyserda.org/funding/2034rfp.asp>. Refer to RFP# 2034.

30) Environmental Policy - New York

The New York State Energy Research and Development Authority requests proposals for Environmental R&D: Enhanced Program Outreach and Science-Policy Integration. Through this RFP, NYSERDA seeks assistance in providing policymakers with scientifically credible and objective information on the environmental effects of energy production and use to aid in the development of cost-effective and equitable policies to protect public health and the environment in NY. \$700K expected to be available, responses due 8/30/10. For more info, contact Amanda Stevens at ads@nyserda.org or go to: <http://www.nyserda.org/funding/1958rfp.asp>. Refer to RFP# 1958.

31) Smart Grid Resiliency - New York

The New York State Energy Research and Development Authority requests proposals for Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency. The objective of

this RFP is to develop an up-to-date, actionable Plan that the State can utilize to enhance the robustness and resiliency of its energy systems and improve responsiveness and recovery to disruptions and outages. \$500K expected to be available, proposals due 8/23/10. For more info, contact Andrew Kasius at ask@nyserda.org or go to: <http://www.nyserda.org/funding/2062rfp.asp>. Refer to RFP# 2062.

32) Smart Growth - California

The Silicon Valley Community Foundation requests proposals for Regional Planning: Building Sustainable Land Use and Transportation Plans to Secure the Future of Silicon Valley and its Residents. This initiative will support projects from organizations serving San Mateo and Santa Clara counties that focus on the ways in which local and regional land use and transportation plans can contribute to smart growth. Individual awards NTE \$100K. Responses due 8/19/10. For more info, go to: <http://www.siliconvalleycf.org/>. (Foundation Center RFP Bulletin 7/23/10)