Solicitations (Issue 213)
7/11/2011

Greetings Subscribers – Here is Issue 213:

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 with a different e-mail 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 39 funding notices included in this issue.

1) Clean Fuel Buses and Facilities
The U.S. Department of Transportation requests proposals for the Clean Fuels/Bus and Bus Facilities Program. This program will support: 1) The purchase or leasing of clean fuel buses, including buses that employ a lightweight composite structure, 2) Construction or leasing of clean fuel bus facilities or electrical recharging facilities and related equipment, and 3) Projects relating to clean fuel, biodiesel, hybrid electric, or zero emissions technology buses that exhibit equivalent or superior emissions reductions to existing clean fuel or hybrid electric technologies. $51.5 million expected to be available. Responses due 8/23/11. For more info, contact Vanessa Williams at Vanessa.williams@dot.gov or go to:
http://www.grants.gov/search/search.do?mode=VIEW&oppId=101474. Refer to Sol# FTA-2011-019-CLNF. (Grants.gov 6/24/11)

2) Transit, GHG, and Energy Reduction
The U.S. Department of Transportation requests proposals for Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER). This program supports: 1) Capital investments that will assist in reducing the energy consumption of transit systems, and 2) Capital investments that will reduce GHG emissions in public transportation systems. $49.9 million expected to be available, individual awards NTE $15 million. Responses due 8/23/11. For more info, contact Walter Kulyk at walter.kulyk@dot.gov or go to:
http://www.grants.gov/search/search.do?mode=VIEW&oppId=101453. Refer to Sol# FTA-2011-018-TIGGER. (Grants.gov 6/24/11)

3) Rooftop Solar Challenge
The U.S. Department of Energy requests proposals for the SunShot Initiative: Rooftop Solar Challenge to Induce Market Transformation. Through this initiative, DOE seeks improvements in market conditions for rooftop photovoltaics across the U.S. Areas of interest include: Permitting and Interconnection Processes; Net Metering and Interconnection Standards; Financing Options; and Planning and Zoning. $12.5 million expected to be available, up to 25 awards anticipated. Letters of Intent are required, and are due 7/29/11, final proposals due 8/31/11. For more info, contact solarchallenge@go.doe.gov or go to: https://eere-exchange.energy.gov/. Refer to Sol# DE-FOA-0000549. (Grants.gov 6/1/11)

4) Smart Grid and Electric Vehicles
The U.S. Department of Energy requests proposals for Smart Grid Capable Electric Vehicle Supply Equipment. This initiative will support the development of electric vehicle supply equipment capable of implementing smart charging of electric vehicles. $12 million expected to be available, up to 6 awards anticipated. Responses due 7/18/11. For more info contact Carla Winaught at carla.winaught@netl.doe.gov or go to: https://www.fedconnect.net/fedconnect/?doc=DE-FOA-0000554&agency=DOE. Refer to Sol# DE-FOA-0000554. (Grants.gov 6/3/11)

5) Smart Grid Panel
The U.S. Department of Commerce, National Institute of Standards and Technology (NIST), requests proposals for the Smart Grid Panel. NIST has a primary responsibility to coordinate development of protocols and model standards to achieve interoperability of Smart Grid devices and systems. NIST implemented a three-phase approach to fulfill its responsibility: Phase 1- To recognize a set of initial existing consensus standards and develop a roadmap to fill gaps; Phase 2 - To establish a Smart Grid Interoperability Panel to provide ongoing recommendations for new/revised standards; and Phase 3 - To establish a conformity framework that includes testing and certification. NIST requests quotes to maintain Phases 2 and 3. Responses due 7/27/11. For more info, contact Willie Lu at willie.lu@nist.gov or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=e266a6a14cf5d1407852c64cf9a47127&tab=core&_cview=0. (FBO 7/10/11)

6) Atmospheric System Research
The U.S. Department of Energy requests proposals for Atmospheric System Research. This RFP will support clouds, aerosol, and radiative transfer research that has the potential to improve the accuracy of regional and global climate models. $3 million expected to be available, up to 25 awards anticipated. Pre-applications are required, and are due 7/15/11, final proposals due 9/6/11. For more info, contact Ashley Williamson at Ashley.Williamson@science.doe.gov or go to: https://www.fedconnect.net/fedconnect/?doc=DE-FOA-0000556&agency=DOE. Refer to Sol# DE-FOA-0000556. (Grants.gov 6/10/11)

7) NOAA Climate Programs
The U.S. Department of Commerce, National Oceanic and Atmospheric Administration, requests proposals for the Climate Program Office. Areas of interest include, but are not limited to: Climate Impacts on Water Resources; Coasts and Climate Resilience; Sustainability of Marine Ecosystems; Changes in Extremes of Weather and Climate; and Information for Mitigating Climate Change. $15.5 million expected to be available, up to 60 awards anticipated. Letters of Intent are required, and are due 7/26/11, final proposals due 10/3/11. For more info, contact Diane Brown at diane.brown@noaa.gov or go to: http://www.grants.gov/search/search.do?mode=VIEW&oppId=103313. Refer to Sol# NOAA-OAR-CPO-2012-2003041. (Grants.gov 7/6/11)

8) Coastal Climate Adaptation
The U.S. Department of Commerce, National Oceanic and Atmospheric Administration, requests proposals for the Sea Grant Community Climate Adaptation Initiative 2011. This initiative will fund climate adaptation efforts as part of an overall plan to enhance climate adaptation in coastal communities. $1 million expected to be available, individual awards NTE $100K. Responses due 11/22/11. For more info, contact oar.hq.sg.competitions@noaa.gov or go to: http://www.grants.gov/search/search.do?mode=VIEW&oppId=103673. Refer to Sol# NOAA-OAR-SG-2011-2002930. (Grants.gov 7/7/11)

9) Water Sustainability and Climate
The National Science Foundation requests proposals for Water Sustainability and Climate. This RFP will support research to understand and predict the interactions between the water system and climate change, land use, the built environment, and ecosystem function and services through place-based research and integrative models. $31 million expected to be available, up to 26 awards anticipated. Responses due 10/19/11. For more info, contact Enriqueta Barrera at ebarrera@nsf.gov or go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf11551. Refer to Sol# 11-551. (Grants.gov 6/17/11)

10) WaterSMART: Southern Rockies
The U.S. Department of Interior, Bureau of Reclamation, requests proposals for WaterSMART Applied Science Grants for the Southern Rockies Landscape Conservation Cooperative. This will include analyzing the impacts of climate change and other landscape scale stressors on natural or cultural resources that affect or are affected by water resources management, and developing tools to assess and adapt to those impacts within the boundaries of the Southern Rockies LCC. 10 awards anticipated, individual awards NTE $200K. Responses due 8/4/11. For more info, contact Michelle Maher at mmaher@usbr.gov or go to: http://www.grants.gov/search/search.do?mode=VIEW&oppId=99613. Refer to Sol# R11SF81306. (Grants.gov 6/15/11)

11) WaterSMART: Desert Landscapes
The U.S. Department of Interior, Bureau of Reclamation, requests proposals for WaterSMART Applied Science Grants for the Desert Landscape Conservation Cooperative. This initiative will support the analysis of impacts of climate change and other landscape scale stressors on natural or cultural resources that affect or are affected by water resources management, and developing

tools to assess and adapt to those impacts within the boundaries of the Desert LCC. $1 million expected to be available, up to 10 awards anticipated. Responses due 8/4/11. For more info, contact Michelle Maher at mmaher@usbr.gov or go to: http://www.grants.gov/search/search.do?mode=VIEW&oppId=99615. Refer to Sol# R11SF81307. (Grants.gov 6/15/11)

12) Water Conservation – Lower Colorado

The U.S. Department of Interior, Bureau of Reclamation, requests proposals for Water Conservation Field Services Program - Phoenix Area Office. This program will support projects to assess the potential for water management improvements and identify specific ways to implement those improvements. $200K expected to be available, up to 7 awards anticipated. Responses due 8/8/11. For more info, contact Linda Howell at lhowell@usbr.gov or go to: http://www.grants.gov/search/search.do?mode=VIEW&oppId=102994. Refer to Sol# R11SF320002. (Grants.gov 7/1/11)

13) State Energy Program

The U.S. Department of Energy requests proposals for the State Energy Program. This program provides formula grants to State and Territorial energy offices to design and carry out renewable energy and energy efficiency priorities. $39 million expected to be available, up to 56 awards anticipated. Due dates based on state/territorial program years. For more info, contact Sheldon Funk at sheldon.funk@netl.doe.gov or go to: https://www.fedconnect.net/fedconnect/?doc=DE-FOA-0000507&agency=DOE. Refer to Sol# DE-FOA-0000507. (Grants.gov 6/23/11)

14) HOPE VI

The U.S. Department of Housing and Urban Development requests proposals for the HOPE VI Main Street Program. This program provide grants to small communities to assist in the rejuvenation of an historic or traditional central business district or "Main Street" area by replacing unused commercial space in buildings with affordable housing units. HUD encourages activities that actively promote sustainability through enhancing energy efficient measures. $500K expected to be available, 1 award anticipated. Responses due 8/22/11. For more info, contact Lawrence Gnessin at lawrence.gnessin@hud.gov or go to: http://www.grants.gov/search/search.do?mode=VIEW&oppId=100915. Refer to Sol# FR-5500-N-18. (Grants.gov 6/22/11)

15) Rural Housing Preservation Grants

The U.S. Department of Agriculture requests proposals for Housing Preservation Grants. HPG provides grants to organizations to assist very low and low-income homeowners in repairing and rehabilitating homes in rural areas. In addition, the HPG program assists rental property owners and cooperative housing complexes in repair and rehabilitation if they agree to make such units available to low and very low-income persons. $9.8 million expected to be available, up to 160 awards anticipated. Responses due 8/22/11. For more info, contact Bonnie Edwards-Jackson at bonnie.edwards@wdc.usda.gov or go to: http://www.grants.gov/search/search.do?mode=VIEW&oppId=103613. Refer to Sol# USDA-RD-HCFP-HPG-2011. (Grants.gov 7/7/11)

16) Rural Business Opportunity Grant
The U.S. Department of Agriculture requests proposals for Rural Business Opportunity Grants. This program supports sustainable economic development in rural communities with exceptional needs through provision of training and technical assistance for business development, entrepreneurs, and economic development officials and to assist with economic development planning. $2.5 million expected to be available, up to 27 awards anticipated. Responses due 8/1/11. For more info, including state contacts, go to: http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=102914. Refer to Sol# RDBCP-11-04-RBOG. (Grants.gov 7/1/11)

17) Tribal Solid Waste Management
The U.S. Environmental Protection Agency requests proposals for the Tribal Solid Waste Management Assistance Project. This RFP will support projects in areas including, but not limited to: 1) Development of integrated waste management plans and tribal codes and regulations, 2) Development/implementation of alternative solid waste management activities and facilities in Indian Country. $500K expected to be available, up to 10 awards anticipated. Responses due 7/22/11. For more info, contact Tonya Hawkins at hawkins.tonya@epa.gov or go to: http://www.grants.gov/search/search.do?mode=VIEW&oppId=98439. Refer to Sol# EPA-OSWER-ORCR-11-04. (Grants.gov 6/8/11)

18) Industrial Assessment Centers
The U.S. Department of Energy requests proposals for Industrial Assessment Centers**.** Each IAC will provide extensive training for undergraduate and graduate engineering students in industrial processes, energy assessment procedures, and energy management principles. $2 million expected to be available, up to 30 awards anticipated. Letters of Intent are requested, but are not required, and are due 7/19/11, final proposals due 8/2/11. For more info, go to: https://www.fedconnect.net/fedconnect/?doc=DE-FOA-0000490&agency=DOE. Refer to Sol# DE-FOA-0000490. (Grants.gov 6/14/11)

19) Innovative Manufacturing
The U.S. Department of Energy requests proposals for the Innovative Manufacturing Initiative. This RFP will support manufacturing processes and materials to advance the clean energy economy. $120 million expected to be available, up to 50 awards anticipated. Letters of Intent are required, and are due 8/1/11, final proposals due 8/25/11. For more info, contact IMIFOA@go.doe.gov or go to: https://eere-exchange.energy.gov/. Refer to Sol# DE-FOA-0000560. (Grants.gov 6/24/11)

20) Brownfield Economic Development
The U.S. Department of Housing & Urban Development requests proposals for the Brownfield Economic Development Initiative. This initiative is designed to help local governments redevelop abandoned, idled, or underutilized real property, including industrial and commercial facilities, where expansion or redevelopment is complicated by the presence or potential presence of environmental contamination. $17.3 million expected to be available, up to 10 awards anticipated. Responses due 7/14/11. For more info, contact David Kaminsky at david.kaminsky@hud.gov or go to:

http://www.grants.gov/search/search.do?mode=VIEW&oppId=99195. Refer to Sol# FR-5415-N-40. (Grants.gov 6/13/11)

21) Centers for Chemical Innovation

The National Science Foundation requests proposals for Centers for Chemical Innovation. For the FY 2012 Phase I competition, only projects addressing sustainable chemistry will be considered. Areas of interest include, but are not limited to: Developing clean, safe, and economical alternatives to traditional chemical products and practices; Exploring alternatives to petroleum as a source of feedstock chemicals, including biorenewables; Exploring earth-abundant, inexpensive and benign alternatives to rare, expensive and toxic chemicals; and Developing efficient recognition/sequestration and recycling of key elements essential for sustainability, for example phosphorus and rare earth elements. $15 million expected to be available, up to 7 awards anticipated. Responses due 10/25/11. For more info, contact Katharine Covert at kcovert@nsf.gov or go to:
http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf11552. Refer to Sol# 11-552. (Grants.gov 6/22/11)

22) Biosensing

The National Science Foundation requests proposals for Biosensing. This program supports innovative, transformative, and insightful investigations of fundamental problems with broad long term impact and applications that require novel use of bio-inspired engineering principles and sophisticated devices to meet the engineering and technology needs of the nation. $7.6 million expected to be available, up to 78 awards anticipated. Responses due 9/15/11. For more info, contact Alex Simonian at asimonia@nsf.gov or go to:
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503353. Refer to Sol# PD-12-7909. (Grants.gov 6/8/11)

23) Biotechnology, Biochemical, and Biomass Engineering

The National Science Foundation requests proposals for Biotechnology, Biochemical, and Biomass Engineering. This program addresses fundamental problems involved in the processing and manufacturing of products of economic importance by effectively utilizing renewable resources of biological origin and bioinformatics originating from genomic and proteomic information. $8.2 million expected to be available, up to 34 awards anticipated. Responses due 9/15/11. For more info, contact Theresa Good at tgood@nsf.gov or go to:
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501024. Refer to Sol# PD-12-1491. (Grants.gov 6/8/11)

24) Environmental Engineering

The National Science Foundation requests proposals for Environmental Engineering. The goal of this program is to encourage transformative research which applies scientific principles to minimize solid, liquid, and gaseous discharges into land, inland and coastal waters, and air that result from human activity, and to evaluate adverse impacts of these discharges on human health and environmental quality. $9.4 million expected to be available, up to 44 awards anticipated. Responses due 2/17/12. For more info, contact Paul Bishop at pbishop@nsf.gov or go to:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501029. Refer to Sol# PD-12-1440. (Grants.gov 6/8/11)

25) Thermal Transport
The National Science Foundation requests proposals for Thermal Transport Processes. This program supports engineering research aimed at gaining a basic understanding of the microscopic and macroscopic levels of thermal transport phenomena. $10.1 million expected to be available, up to 32 awards anticipated. Responses due 2/17/12. For more info, contact Sumanta Acharya at sacharya@nsf.gov or go to:
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13367. Refer to Sol# PD-12-1406. (Grants.gov 6/8/11)

26) Energy for Sustainability
The National Science Foundation requests proposals for Energy for Sustainability. This program supports fundamental research and education in energy production, conversion, and storage and is focused on energy sources that are environmentally friendly and renewable. Sources of sustainable energy include: Sunlight, Wind/Wave, Biomass, and Geothermal. $9.2 million expected to be available, up to 42 awards anticipated. Responses due 2/17/12. For more info, contact Gregory Rorrer at grorrer@nsf.gov or go to:
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501026. Refer to Sol# PD-12-7644. (Grants.gov 6/8/11)

27) Environmental Sustainability
The National Science Foundation requests proposals for Environmental Sustainability. This program supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and that are also compatible with sustaining natural systems. $5.4 million expected to be available, up to 45 awards anticipated. Responses due 2/17/12. For more info, contact Bruce Hamilton at bhamilto@nsf.gov or go to:
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501027. Refer to Sol# PD-12-7643. (Grants.gov 6/8/11)

28) Methane to Markets Evaluation
The U.S. Department of State, Bureau of Oceans and International Environmental and Scientific Affairs (OES) and the Office of Global Change (EGC) requests proposals for an Outcome Evaluation of the Methane to Markets (M2M) Partnership Relative to the Office of Global Change Funding, FY2006-FY2010. Recognizing the role of methane in global warming and its potential use as a clean energy source, 14 countries came together in 2004 to launch the M2M Partnership. The M2M program is a component of U.S. strategy to address climate change and promote cost-effective, near-term methane recovery internationally through a partnership between developed and developing countries and with strong participation from private sector, development banks, and other governmental and non-government organizations. The primary purpose of the subject evaluation study is to document and evaluate programmatic activities and outcomes relative to the contributions of OES/EGC funding to the M2M Partnership for the fiscal years 2006-2010. $250K expected to be available, 1 award anticipated. Responses due 8/4/11. For more info, contact Nancy Ahson at AhsonNL@state.gov or go to:

http://www.grants.gov/search/search.do?mode=VIEW&oppId=104453. Refer to Sol# OES-OCC-11-004. (Grants.gov 7/11/11)

29) Renewable Energy Credits – Federal Purchase
The Defense Logistics Agency seeks 573,302 MWh of eligible renewable energy certificates (RECs) for ultimate transfer to Federal Agencies and National Laboratories. Responses due 7/18/11. For more info, contact Bryan Simmons at bryan.simmons@dla.mil or go to: https://www.fbo.gov/index?s=opportunity&mode=form&id=659cfa3af75d35d7676a546fca24c813&tab=core&_cview=0. Refer to Sol# SP0600-11-R-0438. (FBO 6/26/11)

30) Advanced Transportation Technologies - New York
The New York State Energy Research and Development Authority requests proposals for Advanced Transportation Technologies. This initiative will support the development, demonstration, and commercialization of innovative transportation products, systems and services. $3.5 million expected to be available. Responses due 9/8/11. For more info, contact Joe Wagner at jrw@nyserda.org or go to: http://www.nyserda.org/funding/2271pon.asp. Refer to PON# 2271.

31) Deep Residential Energy Retrofits - New York
The New York State Energy Research and Development Authority requests proposals for Building Envelope Strategies for Advancing Deep Energy Retrofits. This RFP will support projects to develop, investigate and implement design strategies that will provide deep energy retrofit solutions to existing residential building envelopes. $1.5 million expected to be available, individual awards NTE $300K. For more info, contact Greg Pedrick at gap@nyserda.org or go to: http://www.nyserda.org/funding/2254pon.asp. Refer to PON# 2254.

32) Renewables - California
The City of Roseville, Electric Department, seeks to procure eligible renewable energy resources from renewable electrical generation facilities. Responses due 7/26/11. For more info, go to: http://www.roseville.ca.us/rfps/offers.asp. (Green Power Network 6/28/11)

33) PV and Wind System - Vermont
The General Services Administration seeks quotes for the Design-Build of a Solar Photovoltaic and Wind Turbine System at the Burlington Federal Office Building in Burlington, VT. Responses due 8/26/11. For more info, contact Kathleen Brock at kathleen.brock@gsa.gov or go to:
https://www.fbo.gov/?s=opportunity&mode=form&id=2dce464df3c2847723aee2e5c898e033&tab=core&_cview=0. Refer to Sol# 1PME-11-0045. (FBO 7/8/11)

34) Clean Energy Program - Columbia
The U.S. Agency for International Development requests proposals for the Columbia Clean Energy Program. This RFP will support increased access to renewable energy sources and energy efficient practices in Colombia through a combination of project development support,

technical assistance, and enabling environment reforms. Responses due 8/2/11. For more info, contact Manuel Omar Trigo at otrigo@usaid.gov at https://www.fbo.gov/?s=opportunity&mode=form&id=68b398592b52fd70e2b65bf34938e2b6&tab=core&_cview=0. Refer to Sol# 514-11-000003. (FBO 6/23/11)

35) PV System - Curacao

The U.S. Army announces its intent to request proposals for construction of a grid tied 100kW photovoltaic solar system in Cooperative Security Location – Curacao. The Army anticipated posting the RFP on or about 6/29/11, however it did not appear to have been posted as of 7/10/11. For more info, contact Hubert Cacho at Hubert.cacho@us.army.mil or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=ecc6a0764531d6e1e45bb71c4abe30bc&tab=core&_cview=0. Refer to Sol# W912CL11R0046. (FBO 6/11/11)

36) Alaska Native Fund - Alaska

The Alaska Conservation Foundation requests proposals for the Alaska Native Fund. The Fund seeks to advance Alaska Native priorities for protecting land and sustaining ways of life. The 2011 priority issues include: Climate Change, Food Security, Sustainable Economies, Energy, and Holistic Wellness. $100K expected to ber available, individual awards NTE $20K. Letters of Inquiry are required, and are due 7/25/11, final proposals due 10/15/11. For more info, go to: http://alaskaconservation.org/grant-opportunities/alaska-native-fund/. (Tribal Climate Change Newsletter 6/2011)

37) Grassroots Environmental Campaigns

Patagonia corporate headquarters and retail stores request proposals for Grassroots Environmental Campaigns. This program supports small, grassroots activist organizations that have provocative direct action agendas, and are working on multi-pronged campaigns to preserve and protect the environment. Grant range generally $3K - $8K each. Corporate grant applications due 8/31/11, retail store applications accepted year round. For more info, go to: http://www.patagonia.com/us/patagonia.go?assetid=2942. (Foundation Center RFP Bulletin 6/24/11)

38) Grassroots Environmental Fund - New England

The New England Grassroots Environment Fund requests proposals from New England organizations for the Small Grants Program. The Fund supports long-term civic engagement in local initiatives that create and maintain healthy, just, safe, and environmentally sustainable communities. Grant range generally $500 to $2.5K. Responses due 9/15/11. For more info, go to: http://grassrootsfund.org/grants/small_grants/. (Foundation Center RFP Bulletin 6/24/11)

39) Energy Efficient Affordable Housing - Maine to Florida

The TD Charitable Foundation, TD Bank, requests proposals for the "Building for the Future" competition, in support of affordable housing initiatives. This competition focuses on areas including but not limited to: Energy efficiency, including weatherization initiatives, HVAC improvements, or implementation of alternative or renewable energy sources. 25 awards of $100K each are anticipated. Responses due 9/2/11. For more info, go to:

http://www.tdbank.com/community/housing_grant_competition.html. (Foundation Center RFP Bulletin 7/8/11)