Online Webinar  
July 29th 2:15 - 3:45 PM EDT  
The Security and Sustainability Forum  
www.securityandsustainabilityforum.org

GSA’s 2011 Green Building Priorities  
*Learn the Top Ten Opportunities— from procurement to technology*

*Sponsored By:*

**Consolidated Green Services (CGS) LLC**, headquartered in Bethesda, Maryland, is a leading sustainability systems integrator offering customers fully integrated energy savings and efficiency solutions that lower operating expenses, improve financial performance and reduce environmental impact. [www.justsmartgreen.com](http://www.justsmartgreen.com)

**Noblis**, headquartered in Fairfax, Virginia, is a not-for-profit technology firm with a unique mission to use the best of science, technology and strategy to serve the public good. [www.noblis.org](http://www.noblis.org)

**The Spectrum Group** is a dynamic alliance of individuals from diverse military, political and professional backgrounds united to provide a full range of client services. [www.spectrumgrp.com](http://www.spectrumgrp.com)
Agenda

• Introduction

• Panel Presentations

• Panel Discussion

• Audience Q&As

• Summary

• Thank you
Welcome to SSF July’s Webinar
GSA’s 2011 Green Building Priorities
July 29, 2010 2:15 - 3:45 PM EDT

Panel Member: Kevin Kampschroer, Director, Office of Federal High-Performance Green Buildings, GSA

Panel Member: Darlene Pope, Managing Director at Consolidated Green Services. Expert in technology solutions for buildings

Panel Member: Bob Wassmann, Senior Manager, Noblis. Contractor to GSA’s Carbon Footprint tool

Moderator: Karla Perri, Principal, The Spectrum Group. Former Assistant Deputy Undersecretary of Defense for Environment
Moderator: Karla Perri, Principal, The Spectrum Group

Mrs. Perri served as Assistant Deputy Undersecretary of Defense for Environment. During her public service she had worldwide responsibility for the Defense Departments Base Realignment and Closure (BRAC) program. Currently she co-manages Spectrum's homeland security division and works on varied energy, environmental and biodefense issues.
GSA’s Green Building Priorities

Kevin Kampschroer, Director, Office of Federal High-Performance Green Buildings, GSA

Mr. Kampschroer has been leading GSA's activities in response to the 2005 and 2007 Energy Bills & Executive Order on the Environment, Sustainability & Energy Conservation. He is creating a new Office within GSA intended to consolidate and coordinate Federal efforts in the broad realm of building sustainability, influence and accelerate industry capability and adoption of sustainable principles across all aspects of asset creation, operation, maintenance and disposal. He created the framework for GSA to respond to the challenges of the American Recovery and Reinvestment Act's mandate to move the GSA Federal building inventory toward high-performance green building.
American Recovery & Reinvestment Act

- $5.5 Billion
- $4.5 Billion for Existing Buildings
- 261 Projects; 50 States, 2 Territories & DC
- Jobs
- High-Performance Green Buildings
<table>
<thead>
<tr>
<th>GSA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recovery Act Performance Results</strong></td>
</tr>
<tr>
<td>• Standard Specifications &amp; Scopes</td>
</tr>
<tr>
<td>• Performance Results</td>
</tr>
<tr>
<td>• Metering &amp; Sub-Metering by Sub-System</td>
</tr>
<tr>
<td>• Change to Tenant Sub-Metering?</td>
</tr>
<tr>
<td>• Commitments Are Visible  (<em>Transparency</em>)</td>
</tr>
<tr>
<td>• Performance Will Be Tracked &amp; Published</td>
</tr>
<tr>
<td>• “Proving Ground”</td>
</tr>
</tbody>
</table>
Example: ARRA Project

Broad Range of Opportunities and Challenges

- 1975 Federal Building
- Never Upgraded

Plan:
- Updating Cutting Edge ‘Green’ Design
- $133 M from Recovery Act
- Full Building Modernization
- High Aims for Sustainability and Curb Appeal
- Construction procurement underway

Portland, OR
Historic 1917 Building
Last Upgraded in 1935

Plan:
- Modernization with Infill
- $161 M from Recovery Act, as Phase I
- Must Redesign for Energy Goal
- Future Funding Needed for Phase II

Examples: “Shovel Ready” Projects

Washington, D.C.
After Just Over One Year…

Total Obligations (Contract Awards) as of 7/28/10:

$4 billion, 420 million
Recovery Act Lessons = Changed GSA Processes

- Speed: 4 Times as Much Work Placed
- Streamlining: “Speed Dating”; Fast Decisions
- Integrated Design/Delivery
- Innovation Acceptance
- Brokering Connections: How To Get Vendors with Products & Technologies Into Major Construction Projects
- **Not** Returning To “Business As Before”
Proving Ground

• Incorporating Emerging Or Under-used Energy and Resource Effective Technologies into Building Renovation and New Construction

• Measuring And Publishing the Results:
  • Chilled beams,
  • Natural ventilation,
  • Demand-side ventilation control
  • O&M training
  • Vermiculture
  • Solar hybrid lighting
  • Piezoelectric

– New Forms of Contracting
– Process Changes Needed Of Make The New Technologies Successful
– “Smart Buildings" Controls Integration
E.g., Planted Roofs
Standard Specs & Criteria

For:

- Lighting w/ & w/o Ceiling Replacement
- LEDs for Garages and Parking Lots
- Exit Stairway Lighting
- PV & PV Integrated Membrane Roof
- Planted Roof, Cool Roof
- Performance Criteria for Whole and Partial Building Modernization
- Lighting Controls
- Commissioning; Energy Audits
- Meters & Data Feeds from Meters
- Improvements to Existing Engineering Design, Generally

ALL Available on the Whole Building Design Guide
Contact & Sources

• Kevin Kampschroer, Director
  Office of Federal High-Performance Green Buildings, US GSA
  kevin.kampschroer@gsa.gov

• gsa.gov/recovery

• wbdg.org

• For doing business with the government: IndustryRelations@gsa.gov
Standards and Trends in Green Building Methods and Approaches

Darlene Pope, Managing Director at Consolidated Green Services (CGS)

CGS is a full-service integrator focusing on energy efficient, intelligent building technologies for buildings. Prior to joining CGS, Ms. Pope was Co-Founder and Principal of CoR Advisors, an independent consulting firm specializing in research and education of technology solutions for buildings. In addition, she served four years as Managing Partner at Realcomm, a private research and education group focusing on the use of technology in the built environment.
About CGS

- Energy management and sustainability solutions company
- Technology and vendor neutral
- Focus on: Energy Solutions, Smart Buildings, Sustainability, Waste & Recycling
- Led by executives with over 30 years of industry experience
- Thousands of customers, including Fortune 500 companies, government, educational institutions, small business
- Over 400 employees and contractors
- Wide range of solutions and resources to deliver customers the highest level of service for the greatest value
- ESCO financing and performance based contracting options
Discussion Points

• What does “green” mean to you?  
  - Environmental benefits or financial benefits?

• Why now? Perfect storm of:  
  - depressed real estate market  
  - advances in technology  
  - social and political “green” focus
Green Building Benefits

- Reduced dependence on natural resources
- Environmental stewardship
- Lower operating expenses = higher net operating income
- Higher occupancy, higher rents, better tenant retention
- Healthy building reduces risk and liability to owner
- More enjoyable building experience
- Higher asset valuation
Major Paradigm Shift in Building Operations

In the past, building technologies were installed and managed one system and one building at a time. Engineers had traditional MEP background.

Now, with complex technology and new operating concepts, the Information Technology (IT) professional is leading the building operations team.

* Requires new skill sets and training
A single building network provides the infrastructure to integrate building systems onto a common platform for maximum efficiency.
“If you can’t measure it, you can’t manage it.”

**Energy Management Plan:**

1. Benchmark current energy consumption
2. Conduct energy assessment to evaluate current systems and operating procedures
3. Develop short and long term energy reduction strategies
4. Install real time energy metering, monitoring and reporting solutions
5. Upgrade systems and procedures for highest efficiency
6. Continuous commissioning and monitoring to ensure ongoing efficient operations
The Bottom Line

- **$ Value**
  - Energy Procurement
  - Demand Response
  - Advanced Metering
  - Building Automation Systems
  - Energy Conservation Measures
  - smartBUILDING Solutions

- **Time**
  - 20-30% Savings
  - 15-20% Savings
  - 10-15% Savings
  - 5 - 10% Savings
  - 2 - 5% Savings
An Energy Management Program is custom designed for each project facility. Each project phase of the overall EMP is deployed through a similar process and follows similar time frames. Exact timelines are determined on a per-project basis.
Sample Scope of Work

**Continuous Commissioning (CCx)**
A CCx program will be implemented to optimize how the facility operates.

**Advanced Lighting Solutions**
Lighting systems will be retrofit to high efficiency fixtures to reduce consumption, without an effect on lumen output.

**Mechanical Equipment Optimization**
Capacitors sized to the specific load and installed at the load will reduce distribution losses and correct harmonic distortion.

**Electrical Efficiency Solutions**
Distribution loss solutions and harmonic distortion correction.

**Digital Media Systems**
Digital signage displays sharing real-time energy consumption data will be dispersed throughout the building.

**HVAC Equipment Optimization**
Including cooling tower non-chemical water treatment and chiller polarized refrigerant oil additives.

**Advanced Sub-metering & Sensing**
The larger loads and main utility meters in the facility will be sub-metered or sensed for data feeds to the EEMS.

**Energy Management System**
Conversion to an Enterprise Energy Management System in Phase II with the integration of additional sites.

**High Performance Transformers**
Transformers will be evaluated for potential replacements with high efficiency units.

**Waste Water Treatment Solution**
Treat wastewater onsite reduce pollutant concentrations which reduce quality charges.
Sample Energy Management Dashboards
Environmental Dashboard

Carbon savings today – 3.5 tons
(each ½ ton = 1 tree)

Energy Consumption

1200 PC’s, Servers and other IT equipment

Energy Savings Month to Date

I.T. Systems: 17.2 tons
Lighting: 9.4 tons
Air Conditioning: 12.2 tons
Proactive Real Time Point Trending: By starting the HVAC later, how much is saved?

There is about 800 kWh per day savings from the AC at 5 am vs 1 am.
CB RICHARD ELLIS, BROOKFIELD PROPERTIES AND ING CLARION PARTNERS SET NEW BENCHMARK FOR ENERGY MANAGEMENT

Climate Week NYC Event Achieves 9.2% Energy Consumption Reduction Across 41.3 Million Sq. Ft. Portfolio

Los Angeles, September 23, 2009 – CB Richard Ellis Group, Inc (CBRE) has joined with Brookfield Properties and ING Clarion Partners to execute a targeted energy management event that has yielded a 9.2% reduction in energy consumption across 43 million sq. ft. of commercial buildings.
How did they do it?

- CBRE, Brookfield and ING Clarion Partners collaborated to develop and employ a one-day energy reduction program across an 75-building national office property portfolio.
- CBRE used an energy-related software solution to track the day’s energy use in each building and compared it against historical data.
- That analysis reported that the program yielded an overall 9.2% reduction in energy use, and saved 137.95 tons of carbon emissions and more than $26,500 in energy costs.
- Over a typical year, these numbers would translate into savings of more than 36,000 tons of carbon emissions and $6.9 million in energy costs.
Brookfield Properties

take the smart ENERGY Challenge!

(you’ve got the power!) brain

In celebration of Climate Week NYC, our building is getting smart about energy savings. Combined with smart utility usage technology, our goal is to reduce energy consumption by at least 5%. We’ll be measuring specific usage on Monday, Sept. 21, then reporting what we saved the very next day. So be SMART on Sept. 21 – and get in the habit of fixing your power every day of the year!

THE SMART ENERGY CHALLENGE:

S - Shut off
Shut off the lights when departing a conference room or unused space.

M - Machine off
Shut off your computer during off hours or before leaving the office.

A - Amp down
Power down all of your non-essential electronic devices.

R - Remove plugs
Unplug equipment that is not critical or being actively used.

T - Take it in!
Use natural light whenever possible, such as near windows.

THE CLIMATE GROUP  Brookfield  MACH

[ R = \alpha \int ] = [ r(t) + r_e e^{-\alpha t} ]

Brookfield Properties

just got a whole lot smarter.

Smart people conserve energy. Smart technology regulates energy use. So here’s a brilliant idea: combine the intelligent forces of both, creating a total approach to energy that’s more efficient, less expensive and puts our building ahead of the world in smarter energy usage.

Building management has already begun the process, installing Mach Energy technology to measure and drive our energy efficiency efforts. Now it’s time for the other half to click in. Start by taking the “Smart Energy Challenge.” Just keep in mind two simple things during the day, like turning off lights and powering down your equipment.

For all of the tips, plus creative ways to further reduce your energy usage, use the Climate Week NYC signage or simply visit climateday.com/sustainably. It’s not rocket science... it’s just being environmental.

THE CLIMATE GROUP  Brookfield  MACH
The New York Times

October 7, 2009

So Who Left the Lights on? This System Knows

By ALEC APPELBAUM

New York City’s biggest commercial landlord is making it easier for some of its key tenants to cut their energy costs.

Vornado Realty Trust, which controls 17.5 million square feet of office space in 23 Manhattan skyscrapers, is attaching a series of small sensors to the meters in these tenants’ offices, and the sensors are feeding data on energy use to a private Web site every 15 minutes. The tenants can then organize the data by floor.

The new setup serves a critical class of tenants, those who take so much space that they maintain their own meters. Though landlords pay for the equipment that receives energy from the grid, “submetered” tenants pay their own bills for their share of a building’s energy. Vornado is hoping that this service, which it developed at a relatively low cost, will help it win high loyalty from these tenants.

Vornado has installed the system in 16 buildings with roughly 250 tenants, said David Greenbaum, head of the company’s New York office division. For Vornado executives, the project represents a flexible way to address the roughly two-thirds of energy use in buildings that they cannot control. “This ultimately improves the efficiency of our buildings and overall desirability of our properties,” Mr. Greenbaum said.

Vornado is installing what its executives described as a commercially available sensor in submetered tenants’ facilities rooms — the rooms that are visited when a computer has frozen or the heat is too high. Vornado said it spent less than $500,000 to buy these boxes and used its employees to create the Web site. The savings that tenants will realize, executives said, dwarfs that.
Performance Based Contracting

Before Improvements

- Maintenance Costs
- Energy Costs

After Improvements

- Maintenance Costs
- Energy Costs
- Savings, Repay Improvements
Case Study: The State of Missouri Enterprise Sustainability Solution
Utility bill management gives executives and building managers access to the necessary data, at all levels of detail, to properly manage and maintain their buildings in the most energy efficient manner possible.
Using enterprise energy management tools, facility operators can quickly view the performance of their assets and highlight the parts of the facilities operating outside their expected norms.

Evaluate and compare with weather and time period normalized data.
Lewis and Clark
• Sq Ft: 122,000
• Full Time Employees: 400
• Cost to build: $17.5 M
• Green Design Elements – Daylighting, HE-HVAC, Recycling, Water Conservation, Native Materials

Harry S. Truman
• Sq Ft: 753,138
• Full Time Employees: 2800
• Built in 1983
• Performance Contract: 2005

Wainwright
• Sq Ft: 234,599
• Full Time Employees: 693
• Built in 1891
• Performance Contract: 1981

Benefits

- FY06 12.1 KWhs/SF
- FY08 11.6 KWhs/SF
- CY10 10.9 KWhs/SF
- 9.0 % Reduction

- FY06 26.7 KWhs/SF
- FY08 21.7 KWhs/SF
- CY10 19.2 KWhs/SF
- 28.0 % Reduction

- FY06 25.2 KWhs/SF
- FY08 24.0 KWhs/SF
- CY10 19.3 KWhs/SF
- 23.4 % Reduction
Project Summary

- Over 1,000 public buildings = 28 million s.f. of space
- Multitude of different building control systems
- Used existing infrastructure and installed an interoperability layer
- Integrated with maintenance, security, energy and supply chain business applications
- Aggregated 9,000 utility bills
- Saved between $0.27 - $1.00 s.f. per year across the portfolio
- ROI within 18 Months
- $20M savings per year purely on ENERGY
- ESCO - Project funded from energy savings
Bob Wassmann, Senior Manager, Noblis

At Noblis Mr. Wassmann is responsible for Noblis' greening the government initiative as well as leading the corporations' internal green initiative. He has worked extensively with the Office of the Secretary of Defense supporting the development of the first DoD Strategic Sustainability Performance Plan as required by Executive Order 13514. Mr. Wassmann leads the Noblis team developing the GSA Carbon Footprint tool, as well as assisting in the effort where national and international sustainability experts are being made available to other federal government agencies as they complete the initial drafting of the SSPP and look towards implementation.
The GSA Carbon Footprint Tool

A Tool Specifically Designed for a Bottom-Up, Comprehensive GHG Inventory

GSA has developed the GSA Carbon Footprint and Green Procurement Tool to assist agencies in managing their GHGs as required by Executive Order (EO) 13514 and recent energy laws. The tool can address a broad range of tasks including:

- Calculation of an agency’s GHG baseline, broken down by different scopes
- Assistance with setting GHG reduction targets
- Compilation of a building-by-building GHG emissions inventory
- Preparation for reporting emissions to the Department of Energy’s GHG Reporting Portal

Product Highlights

Bottom-Up Calculations
This tool can assist agencies in compiling their GHG emissions inventory using a bottom-up calculation on facility level data with the capability of rolling up to annual agency aggregate level data. This allows an agency to create detailed baseline GHG data to enable the development of reduction targets in the future.

Pre-population of Aggregate Data
With permission from your agency’s Senior Sustainability Officer (SSO), GSA will pre-populate the tool with agency-specific data available from GSA business programs. This data includes building energy usage data from GSAs Public Building Service, fuel usage data from GSA’s Fleet Program and air business travel data for those agencies using the GSA Travel Management Information Service.

Enterprise Dashboard
The tool provides an enhanced, visualized key metrics using 3D charts and sliders where agencies can analyze and forecast emissions by adjusting for specific agencies.

Private Sector Home Page – www.green.noblis.org
Senior Management Dashboard

Easy way for senior managers to visualize Agency GHG emissions:

“Sliders” let you see impact of using different technologies (server virtualization) or business processes (telework) to reduce footprint.

- Increased Telecommuting Participation from 44% to 73%
  Effect: 93.3 ton reduction in CO2e emissions
- Increased Server Virtualization from 0% to 50%
  Effect: 27.3 ton reduction in CO2e emissions

Net Effect: 120.7 ton reduction in CO2e emissions.
Noblis is working with GSA to develop a public-facing online tool to support decision-making regarding sustainable building principles, materials, and systems for Federal agencies in acquiring world-class work environments.

The GSA Sustainable Facilities Online Environment is designed to:

- Provide information and resources regarding sustainable building principles
- Enhance skill sets to assess lease submittals and architect/design team deliverables
- Promote the use of energy efficient and environmentally preferable materials in renovations, alterations, and leases
- Provide sustainable design support for workplace initiatives
- Support green practices that can be used throughout the life of a Federal facility
Government Acquisition – Navigating the Maze

Contractor Take-Aways

- Understand the process
- Get known - relationships
- Respond to the RFP
- Focus on basis for award
  - Best value
  - Low cost technically acceptable

Source: http://www.canadainternational.gc.ca
Government Acquisition Risk Sharing

Government Risk Types

- Pre-Award
  - Large response
  - Protest
  - Process compromised
- Post Award or Execution
  - Transition
  - Technological

Contractor Risk Drivers

- Contract type
- Acceptance criteria
- Scope creep

Common Risks

- Quality
- Schedule
- Cost
Relationship of Government, Noblis and Industry Roles

**Government**
- System Architecture Strategy
- Cost Benefit Analysis/Decision Support
- Prototyping
- Test and Evaluation
- Procurement Support
- Product Review
- Infrastructure Analysis/Assessment
- Risk Management

**Industry**
- Contractor Monitoring Test and Evaluation
- Operational Performance Analysis/Assessment
- Risk Management

**Relative Contributions**
- Architecture/Infrastructure Analysis/Assessment
- Technology Assessment
- Business Analysis
- Strategic Planning
- Operational Concept Development

**Concept Exploration**

**Program Definition, Engineering & Development**

**Production, Fielding, Deployment & Operational Support**
Panel Discussion

Consolidated Green Services (CGS), LLC, headquartered in Bethesda, Maryland, is a leading sustainability systems integrator offering customers fully integrated energy savings and efficiency solutions that lower operating expenses, improve financial performance and reduce environmental impact. www.justsmartgreen.com

Noblis, headquartered in Fairfax, Virginia, is a not for profit technology firm with a unique mission to use the best of science, technology and strategy to serve the public good. www.noblis.org

The Spectrum Group is a dynamic alliance of individuals from diverse military, political and professional backgrounds united to provide a full range of client services. www.spectrumgrp.com
**Audience Q&A**

**Consolidated Green Services (CGS), LLC**, headquartered in Bethesda, Maryland, is a leading sustainability systems integrator offering customers fully integrated energy savings and efficiency solutions that lower operating expenses, improve financial performance and reduce environmental impact. [www.justsmartgreen.com](http://www.justsmartgreen.com)

**Noblis**, headquartered in Fairfax, Virginia, is a not for profit technology firm with a unique mission to use the best of science, technology and strategy to serve the public good. [www.noblis.org](http://www.noblis.org)

**The Spectrum Group** is a dynamic alliance of individuals from diverse military, political and professional backgrounds united to provide a full range of client services.. [www.spectrumgrp.com](http://www.spectrumgrp.com)
Summary

• GSA is not doing business as usual—they are using new forms of contracting. And asking the private sector for ideas in creative contracting—they are moving faster on decisions

• Noblis and other organizations are poised to assist and mediate these alternatives, send them suggestions

• GSA is also asking for ideas for financial incentives and increased financial risk taking from the private sector—can they step up?

• GSA’s budget is $4.5 billion for existing buildings and $5.5 billion for new buildings. And plans to make public their tracking system for contracting for this effort—you can be part of this by contacting Kevin and GSA’s industry relations office

• The private sector is organizing and the BEST consortium in Washington D.C. hopes to be at the forefront of R&D to design the next generation of green technology for buildings – join them by contacting Darlene Pope

• The private sector also needs more transparency from government and needs access to actual building metering and related energy data, as well as sustainability data to respond better to RFP’s and suggest solutions
Summary

- The government is willing to listen, but you need access. Team up with others to do this, plan on meeting with a lot of officials and before you reach success, and you will need to keep doing this for each new opportunity.

- Noblis and other organizations evaluate technology and new ideas for sustainable buildings. Get to know them and see how you can be part of the solution.

- Noblis has built tools to show benchmarking data and their format is what GSA and other federal agencies will use to analyze retrofitting technology and to design new buildings. Understand these tools, because they are the basis for future RFP’s.

- Federal contracting is a process, teaming is a great option for small and medium sized companies to learn that process.

- Jobs—there is a paradigm shift, and with complex technology the IT professional will be leading the building operations team. The government needs to add to IT professionals to the green team, retraining of contracting officials to recognize this in issuing contracts is paramount.
A few of our upcoming webinars. 
Stay in touch at www.securityandsustainabilityforum.org

Title: Navy and Air Force Officials Discuss Sustainability and Energy Goals – and what this means for your business
Date: September 2010 TBD
Description: Navy and Air Force discuss kinds of technologies they are looking at now and what they hope to achieve in terms of sustainability and energy milestones. Learn how energy security supports their missions.

Title: Counting Carbon is Better Business in the Public and Private Sector
Date: October 2010 TBD
Description: Explore the greenhouse gas (GHG) emissions initiatives in the federal marketplace and how the private sector is trend-setting with realizing savings in reducing their carbon footprint. Opportunities at every stage of the life cycle are present in both the private and public sector for both clients and service providers.

Title: Business Opportunities Arise from Innovations in Security in Supply Chain Management
Date: November 2010 TBD
Description: Learn from experts new security measures to protect the supply chain and how those initiatives are creating business opportunities. Explore federal funding priorities, where to learn about opportunities and how to better position your company with security and sustainability services in the supply chain industry.
Contacts

**Moderator:**
**Karla Perri,** Principal, The Spectrum Group, former Assistant Deputy Undersecretary of Defense for Environment. [kperri@spectrumgrp.com](mailto:kperri@spectrumgrp.com)

**Panel Member:**
**Kevin Kampschroer,** Director, Office of Federal High-Performance Green Buildings, GSA. [kevin.kampschroer@gsa.gov](mailto:kevin.kampschroer@gsa.gov)

**Panel Member:**
**Darlene Pope,** Managing Director at Consolidated Green Services. Expert in technology solutions for buildings. [dpope@justsmartgreen.com](mailto:dpope@justsmartgreen.com)

**Panel Member:**
**Bob Wassmann,** Senior Manager, Noblis. Contractor to GSA’s Carbon Footprint tool. [rwassman@noblis.org](mailto:rwassman@noblis.org)
National Association of Government Contractors (NAGC) is the nation’s largest, most respected trade association representing companies and individuals in the government procurement process. NAGC is an organization of business owners engaged or interested in contracts with government, universities and private corporations. They are dedicated to expanding contracting opportunities for small businesses and those new to the procurement process. They offer training, services and networking opportunities to get your business involved in procurement with government at all levels. Log on and use code SSF20, that will give you 20% off membership or any publication purchase on their web site.

epipipeline is the leading online source for federal contract opportunity research and business intelligence. Using state-of-the-art technology and leveraging the web and multiple databases, epipipeline is reinventing the way businesses identify, qualify, distribute and manage federal procurement opportunities.

TBI Service Group, Inc. specializes in staffing employers' needs with highly qualified and skilled personnel. We focus on sourcing your staff so you can focus on getting the job done. Additionally, TBI Service Group, Inc. is dedicated to moving people forward. We work hard to insure that your career goals and objectives are met. We offer a wide range of employment opportunities.

Innovation is alive in government
GovLoop
www.govloop.com
Online Webinar
July 29th 2:15 - 3:45 PM EDT
The Security and Sustainability Forum
www.securityandsustainabilityforum.org

GSA’s 2011 Green Building Priorities
Learn the Top Ten Opportunities—
from procurement to technology

Sponsored By:

Consolidated Green Services (CGS), LLC, headquarteried in Bethesda, Maryland, is a leading sustainability systems integrator offering customers fully integrated energy savings and efficiency solutions that lower operating expenses, improve financial performance and reduce environmental impact. www.justsmartgreen.com

Noblis, headquarteried in Fairfax, Virginia, is a not for profit technology firm with a unique mission to use the best of science, technology and strategy to serve the public good. www.noblis.org

The Spectrum Group is a dynamic alliance of individuals from diverse military, political and professional backgrounds united to provide a full range of client services. www.spectrumgrp.com