

U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Conducting Business with the NRC

**U.S. Nuclear Regulatory
Commission**

The 1st Thursday



Presentation Overview

- The NRC
- NRC Profile & Key Offices
- What NRC Buys
- Small Business Program
- Office of Information Services
- Division of Contracts
- Closing Remarks



Who We Are

- The Energy Reorganization Act of 1974 established the independent U.S. NRC to regulate commercial uses of nuclear material
- Other duties of the former Atomic Energy Commission were assigned to Department of Energy





Our Mission

To license and regulate the nation's civilian use of byproduct, source and special nuclear materials to ensure adequate protection of public health and safety, promote the common defense and security, and protect the environment.



NRC Mission Goals

- **Safety:** Ensure the protection of public health and safety and the environment
- **Security:** Ensure the secure use and management of radioactive material
- **Openness:** Ensure openness in our regulatory process
- **Effectiveness:** Ensure our actions are effective, efficient, realistic and timely
- **Management:** Ensure excellence in agency management



NRC Regulates

- **Nuclear reactors** - commercial power reactors, research and test reactors, new reactor designs
- **Nuclear materials** - nuclear reactor fuel, radioactive materials for medical, industrial and academic use
- **Nuclear waste** – transportation, storage and disposal of nuclear material and waste, decommissioning of nuclear facilities
- **Nuclear security** – physical security of nuclear facilities and materials from sabotage or attacks.



NRC Primary Functions

- Establish rules and regulations
- Issue licenses
- Provide oversight through inspection, enforcement and evaluation of operational experience
- Conduct research to provide support for regulatory decisions
- Respond to emergencies



NRC Profile

- Agency Budget \$916.6 M for FY 2008
- Agency HQ in Rockville, MD w/ four regional offices nationwide + TTC
- FY 2007 Total Contracting Expenditures – more than \$150M
- Over 3,700 employees; 2,700 at HQ
- Rated by the Small Business Administration as a “green / green” agency on their quarterly scorecard



Major program offices

- Office of Nuclear Reactor Regulation
- Office of New Reactors
- Office of Nuclear Material Safety and Safeguards
- Office of Nuclear Regulatory Research
- Office of Nuclear Security & Incident Response
- Office of Federal and State Materials and Environmental Management Programs



What NRC buys

- Information technology
- Administrative support
- Engineering support
- Technical research & assistance
- Construction
- Auditing & financial management
- Training

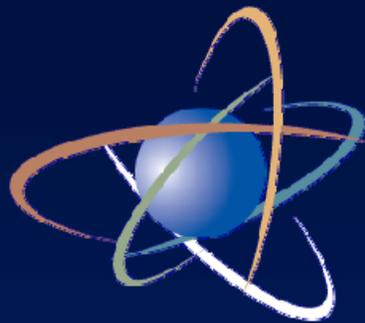
WHY ARE SMALL BUSINESSES IMPORTANT?

- Creates virtually all of the net new jobs added to the economy
- Provides 67 % of workers with their first jobs and initial on the job training in basic skills --- employs 53% of the private work force
- Accounts for 51% of private sector output
- Accounts for 47% of all sales in the country
- Produces 40% of the gross national products, and invents more than half the nation's technological innovation



WHY ARE SMALL BUSINESSES IMPORTANT?

- Accounts for 28% of jobs in high technology sectors
- Represents 96% of all U.S. exporters
- Are critical to the Nation's supplier base
- Are flexible and competitive
- Dedicate senior management to contract support and performance



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The Small Business Perspective

“the view from a small business street level storefront is not the same as the view from the executive suite of a large business”



FEDERAL LAWS & REGULATIONS

- **P.L. 95 - 507, The Small Business Act - 1978**
- **P.L. 100 - 656, The Business Opportunity Development Act**
- **Executive Order 11625, Minority Business Enterprise Program - 1978**
- **Executive Order 12138 and P.L. 103 - 355 establish the Woman-owned Business Enterprise Program, 1988, and a 5% WOB contracting goal, respectively**
- **P.L. 105 - 135, Small Business Reauthorization Act extended Small Business Competitive Demonstration Program permanently**
- **CFR part 124, Small Disadvantage Business Price Adjustment and Participation Program**
- **P.L. 105 - 135, The HUBZone Act of 1997**
- **P.L. 106 - 50, The Veterans Entrepreneurship and Small Business Developmental Act of 1999**



Small Business Contract/Business Development Support & Tools

- 8(a) Sole source & Competitive
- Service-Disabled Veteran-Owned Sole Source & Competitive
- HUBZone Sole source & Competitive and Price Adjustment
- Small Disadvantaged Business Price Adjustment
- Small Business Set-Aside
- Veteran Small Business Support
- Woman-Owned Small Business Support
- Subcontracting Programs and Plans



The NRC Small Business Program

- Implements the Federal Small Business Program at the NRC, recommending small business contract strategies and sources.
- Engages in various activities to provide maximum practicable acquisition opportunities at the prime and subcontract level for small business, including those owned by the disadvantaged, women, veterans, service-disabled veterans, and concerns located HUBZones.

ACQUISITION MILESTONE SCHEDULE

- Pre-solicitation
- Award
- Post Award



Tips for Doing Business

- Know your own market, your customers and their needs! How:
- Develop an appropriate marketing plan and strategy to accomplish business objectives
- Develop appropriate tools to implement strategy (register with databases, develop good capability statements)
- Know the rules (e.g., Federal Acquisition Regulations (FAR) NRC Acquisition Reg)
- Know conflict of interests potential issues



Tips for Doing Business

- Know your niche and company strengths
- Focus on past performance, target similar agencies
- Know your customer's agency forecast
- Work with the Small Business, Project, and Contracts offices
- Don't discount subcontracting or simplified acquisition options



Tips for Doing Business

- Present a professional image:
 - Capability statements & brochures
 - Company Web site
 - Past performance is key
- Maximize use of Federal programs:
 - Get on GSA's Federal Supply Schedule, GWAC's
 - Get certified! (8(a), SDB, HUBZone)
 - Register on FedBizOpps
- Participate in outreach activities and
Market! Market! Market!

Tips for Doing Business

- Review the Federal Register notices and OMB requirements
- Read the trade press in your industry area
- Read GAO, Inspector General reports
 - Why? Is a heavily criticized program ready for change? How could you solve the problem(s)?
- Review FPDS-NG to understand contract spending
- Read appropriation bills and follow the \$

Bidding/Proposing on Contracts

- Read the IFB/RFP completely
- Understand the SOW, evaluation criteria, special instructions, mandatory qualifying criteria, payment terms, key personnel
- Address past performance, teaming, management control, limitations on subcontracting compliance and product/service delivery

Costing Out the Bid/Proposal:

- Be consistent with technical proposal
- Be realistic
- Comply with cost accounting standards
- Be complete
- Be competitive



Costing Out the Bid/Proposal

- Reasonableness of costs
- Allocability of costs
- Allowability of costs
- Consistency of accounting treatment
- Accuracy of mathematical computations
- Sufficient detail for proposed costs is provided
- Materiality of proposed costs

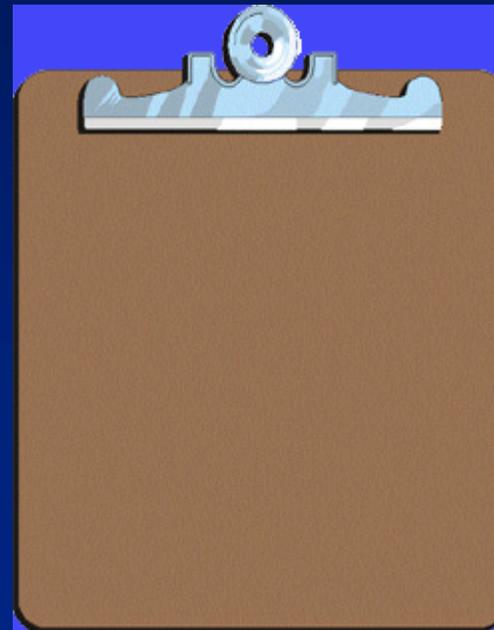


Key Sources of Assistance

- NRC SBCR Small Business Program and Division of Contracts Offices
- Small Business Administration
 - Small Business Development Centers
 - SCORE: www.score.org
 - Women’s Business Centers: www.womenbiz.gov
 - Center for Veterans Enterprise—vetbiz.gov
- Procurement Technical Assistance Programs
 - MD PTAP: www.mdptap.umd.edu
 - VA PTAP: www.vaptap.org
- Other agency Small Business Offices: www.osdbu.gov
- Minority Business Development Agency: www.mbda.gov
- State and local Government resources
- Chambers of Commerce

NRC's Office of Information Services Contract Requirements

- Planning and Pre-solicitation steps for the OIS
- Award
- Performance and Performance Evaluation





Information Technology at the NRC

The Office of Information Services (OIS), and the Computer Security Office (CSO), working with the Chief Information Officer, are responsible for the development and implementation of information technology (IT), information management (IM) and IT security plans, architecture, and policies to support the mission, goals, and priorities of the agency.

OIS Functions

- Provides oversight, advice, and support in the areas of document management, business process improvement, systems development, and enterprise architecture
- Oversees the development and implementation of IT and IM plans, architecture, and policies to support the mission, goals, and priorities of the agency
- Plans, directs, and oversees the delivery of centralized IT, infrastructure, applications, and IM services
- Provides electronic information-sharing through the web, internal networks, blackberries, workstations, network printers, and e-mail

OIS Organization

- OIS consists of four divisions:
 - Business Process Improvement and Applications Division
 - Provides comprehensive strategic, analytical, business, and technical services in support planning, acquisition, development, and management of IT investments and applications.
 - Infrastructure and Computer Operations Division
 - Responsible for the development, integration, implementation, management, operation and support of the agency's IT infrastructure, agency wide application systems and timesharing services.

OIS Organization (cont'd)

- Information and Records Services Division
 - Plans, develops, and delivers programs and services related to the storage, retrieval, protection, and preservation of NRC information in paper and electronic media.

- Program Management, Policy Development, and Analysis Staff
 - Provides focus and management attention on major programs and issues and assists in the development of OIS office policy. Provides direction and coordination of strategic planning, administrative and financial support functions for OIS and CSO.



CSO Functions

- Responsible for planning, directing, and overseeing the implementation of a comprehensive, integrated and cost-effective NRC IT Security Program
- Develops and implements policies to maintain compliance and consistency with applicable laws and regulations
- Ensures appropriate NRC-wide integration, direction and coordination of IT security planning and performance within the framework of the NRC IT Security Program and with related Office of Information Services activities
- Provides vision, leadership, and oversight in developing and promulgating an end-to-end, comprehensive IT security architecture, which is integrated with NRC's enterprise architecture



CSO Organization

- CSO consist of three teams:
 - **Cyber Situational Awareness, Analysis, and Response Team**
 - This team is the focal point for receiving, tracking, monitoring, and reporting NRC computer security incidents; monitoring NRC's IT security vulnerabilities, and maintaining an awareness of the treat to NRC's IT infrastructure.
 - Monitors NRC intrusion detection and intrusion prevention systems and conducting trend analysis of events and recommending actions to minimize or prevent releases of information.
 - **Policy, Standards, and Training Team**
 - Develops, coordinates, and maintains the NRC IT security policies (Management Directives & Handbook)
 - Develops policies in support of new requirements such as NIST, Homeland Security Presidential Directives, etc; communicates IT security policies, directives, and requirements to NRC staff
 - Develops, coordinates, and maintains comprehensive IT security awareness training and certification programs



CSO Organization (cont'd)

– FISMA Compliance and Oversight Team

- Reviews Certification and Accreditation (C&A) packages, and makes recommendations to the Designated Approving Authorities.
- Provides oversight and support for the C&A efforts across NRC; reviews and approves Security Categorization Documents; oversees and assists organizations in completing and maintaining their individual C&A programs.
- Tracks and validates Plan of Action and Milestone (POA&M) items, analyzing POA&Ms for quality of content and practicality of remediation.
- Provides advice, support, and consultation services to system owners in the area of computer security and compliance during system development and/or accreditation activities.



Changes in the last year

- Deputy Executive Director for Information Services and Chief Information Officer position was re-titled from Deputy Executive Director of Information Services to Deputy Executive Director for Corporate Management.
- Reporting relationship for the Office of Administration was realigned reporting to the Deputy Executive Director for Corporate Management/Chief Information Officer.
- Brought on board new Director & Deputy Director, Office of Information Services.
- Created a Computer Security Office, New Chief Information Security Officer and Director for the CSO brought on board.

New Organizational Structure



CIO Priorities and Challenges

- IT Security maturity (now →)
- Supporting agency growth (people/work) and new buildings
- Infrastructure modernization (now →)
- Planning and budgeting for FY2010
 - Application modernization
 - New Seat Management contract
 - ngADAMS

Contract (\$) Dollars FY08 Thru 3rd Quarter

1. Total Prime Contract Dollars (A)	\$ 15,988K	
2. Small Business (SB)	\$ 985K	6.2%
3. Small Disadvantaged Business 8(a) (B)	\$ 498K	3.1%
4. Small Disadvantaged Business other than 8(a) (B)	\$ 233K	1.5%
5. Woman-Owned SB (B)	\$ 180K	1.1%
6. Service Disabled Veteran Owned SB (B)	\$ 63K	0.4%
7. HUBZone SB (B)	\$ 314K	2.0%

Dollars and percentages are estimates as of June 30, 2008.

Explanations of (A) and (B)

- **(A)** – Includes small purchases, non-profits, educational institutions, and GSA FSS.
- **(B)** – Dollar amounts of lines 3, 4, 5, 6, and 7 are included in line 2.

Note: The major small business categories are not mutually exclusive, except the two subcategories of Small Disadvantaged Business (other than 8(a) and Small Disadvantaged Business 8(a)).

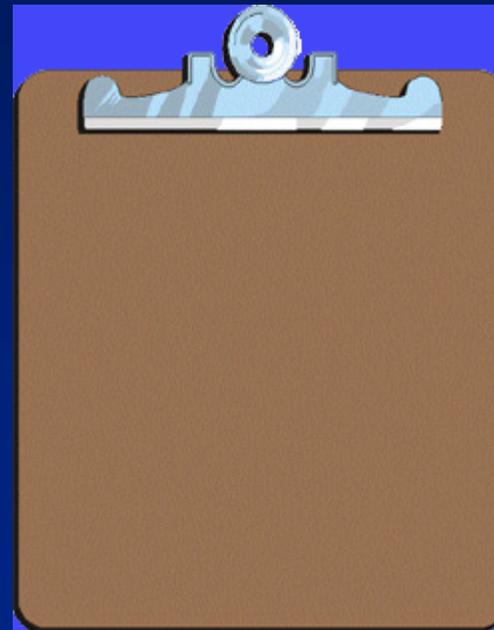


Contracting Opportunities

NAICS CODE	Description of Procurement Opportunity	Estimated \$ Value (Range)	Procurement Method	Fiscal Year Quarter	Incumbent Contract/ Contractor
541611	Forms Management and Integration of Electronic Systems	\$500,000 - \$1 million	Full	4 th	N/A
541512	Identity Management Development and Implementation	\$309,800	Full	4 th	N/A
541519	Senior Information Technology Security Officer Support Services (SITSOSS)	\$2 million - \$5 million	GSA closes 8/19/08	4 th	N/A
541512	Agency PDF Forms Management Solution – Phase II	\$100,000 - \$200,000	SA	4 th	N/A
541611	Senior FOIA Reviewer/Processor	\$200,000 - \$500,000	Full	4 th	N/A

Contracting at the NRC

- Pre-solicitation
- Award
- Post Award





Division of Contracts Organization (7/08)

Division of Contracts

Phyllis Bower, Director
Alba Sanchez, Deputy Division Director

Procurement Policy Team

Romana Moy, Leader
Carolyn Cooper, Assistant for Acquisition Training and
Competitive Sourcing

Procurement Oversight Team

Joyce Fields, Leader

Contract Management Branch No. 1

Jeff McDermott, Chief
301-492-3612

Program Offices:

- Advisory Committee on Reactor Safeguards
- Administration
- Congressional Affairs
- Commission Appellate Adjudication
- Commission offices
- Enforcement
- Executive Director for Operations
- General Counsel
- Investigations
- International Programs
- Public Affairs
- Commission Secretary

Contract Management Branch No. 2

Steve Pool, Chief
301-492-3618

Program Offices:

- Chief Financial Officer
- Inspector General
- Nuclear Security & Incident Response
- Research
- Small Business & Civil Rights

Contract Management Branch No. 3

Eleni Jernell, Chief
301-492-3626

Program Offices:

- Atomic Safety Licensing Board Panel
- Federal & State Materials and Environmental Programs
- Nuclear Material Safety & Safeguards
- Information Systems

Contract Management Branch No. 4

Donald King, Chief
301-492-3635

Program Offices:

- Human Resources
- New Reactors
- Nuclear Reactor Regulation
- Regions 1 thru 4



Contract Audits

- Needed for Cost Reimbursement Contracts, i.e. Research, Tech Assistance
- NRC uses Defense Contract Audit Agency
- Pre-award Audits, Incurred Cost Audits, Acceptable Accounting System
- DCAA.mil for contractor guidance



Organizational Conflicts of Interest (OCOI)

- Atomic Energy Act of 1954
- NRC Acquisition Regulation 2052.2009-570
www.nrc.gov/about-nrc/contracting/48cfr-ch20.html
 - Same technical area
 - Same or similar matter
 - Potential bias

DOE Lab Agreements

- 1/3 of NRC procurement dollars (9 DOE labs)
 - Energy Reorganization Act of 1974
 - Management Handbook 11.7
(NRC Electronic Reading Room)
 - Orders placed with DOE operations office overseeing DOE lab

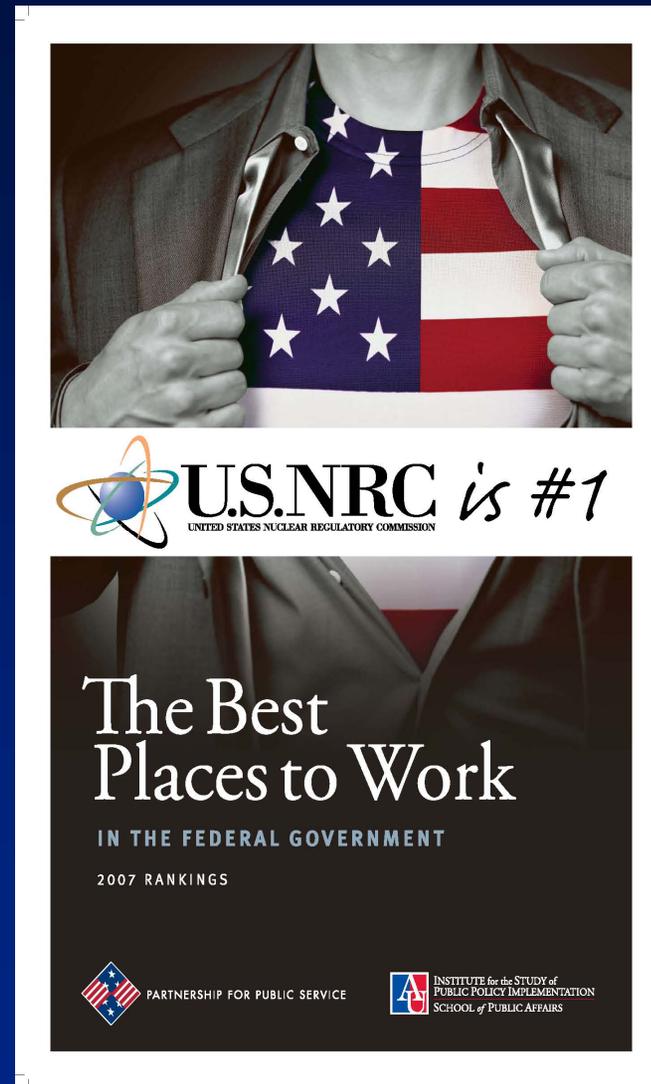


Contract Milestone Overview

[Milestone schedule-noncompetitivepresent.doc](#)

[Milestone schedule - competitivepresent.doc](#)

Awards





For further information, contact:

NRC's Small Business Office:

1.800.903.SBCR (7227)

301-415-7381

Smallbusiness@nrc.gov

www.nrc.gov/about-nrc/contracting/small-business.html

NRC's Contracting Office:

(301) 492-3600

www.nrc.gov/about-nrc/contracting/general/general.html



Questions ?