

ASCR SBIR/STTR Program

Annual Funding
Opportunity

ASCR - \$10 M
appropriation



U.S. DEPARTMENT OF
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Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR)

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SBIR/STTR Funding Opportunity Announcement (FOA)

FY 2012 Phase 1, Release 2 Now Available

The FOA was released November 28, 2011. Letters of Intent are due by December 20, 2011 and the FOA closes January 31, 2012.

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FUNDING OPPORTUNITY ANNOUNCEMENT

Announcing!



SBIR/STTR FY 2012 Phase I (Release 2)

Funding Opportunity Number: DE-FOA-0000628
Released November 28, 2011

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Supporting scientific excellence and technological innovation through the investment of federal research funds in critical American priorities to build a strong national economy... *one small business at a time.*

SBIR & STTR Information



CONTACT INFORMATION
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Technical Topics 1 & 2

- **Advanced Network Technologies and Services**
 - Extensions to perfSONAR
 - Management tools for Network Operators
 - Optical Network Support Services

- **Increasing Adoption of HPC Modeling and Simulation in the Advanced Manufacturing and Engineering Industries**
 - Turnkey HPC Solutions for manufacturing and Engineering
 - HPC Support Tools and Services
 - Hardening of R&D Code for Industry use



SBIR/STTR Program Elements

- **Created by congressional action in 1982**
- **Expect FY13 FOA to go out in Aug/Sept time frame**
- **Small Business Innovative Research (SBIR)**
 - Open to Small Business (defined by 13 CFR 121)
 - Partnership with academic institution or lab optional
- **Small Business Technology Transfer (STTR)**
 - Mandatory partnership with academic institution or lab
- **Funding levels identical for both SBIR and STTR**
 - Phase I awards, \$150K – 9 months of effort
 - Phase II awards, \$1M – 2 years of effort



Congressional Funding Levels

Percentage if ASCR program office budget set-aside

	FY11	FY12	FY13	FY14	FY15	FY16	FY17
SBIR	2.5	2.6	2.7	2.8	2.9	3.0	3.2
STTR	0.30	0.35	0.35	0.40	0.40	0.45	0.45
Total	2.80	2.95	3.05	3.20	3.30	3.45	3.65

- Examples of SBIR/STTR Funding assuming \$442 M budget
 - FY11 set-aside = \$12.4M
 - FY17 set-aside = \$16.1M

HPC Outreach Activities

- **Started engagement activities by reaching out to various communities and organizations to promote topic 2**
 - ISV community through SciDAC Outreach center
 - National Digital Engineering and Manufacturing Consortium
 - National Center for manufacturing Sciences Digital Manufacturing Special Interest Group
 - Council on Competitiveness
 - California Small Business Development Corporation Seminars
 - Rensselaer Poly and High Performance computing Consortium (HPC2)
 - Digital Manufacturing Report article
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FY12 Phase I summary

- Revised FOA, 2 major topics, 4 subtopics each
- Received 80 proposals 24 Network Tools, 56 HPC for manufacturing and engineering
- 6 proposals declined in first-step reviews
- 74 proposals peer reviewed
- 242 reviews
- 50 reviewers
- 25 recommended for funding (\$3.5M)



Planned Outreach for Network Operations

- **Continue HPC outreach activities with follow-up visits to most/all previous venues**
- **Increase awareness of Network Tools topic**
 - JT/ESCC
 - NANOG
 - ???
- **Please consider being an ASCR representative at a venue you will be attending**



What YOU need to DO!

- **Talk with your colleagues, staff, friends, family, soothsayers, and Internet prophets about**
 - Tools and services you need manage/operate your network
 - New tools and/or services
 - Upgrades/hardening of existing tools/services
 - ISV's and small businesses that
 - You know or contact you
 - Your Lab tech transfer office knows about
 - You want to start
- **Failing that, be prepared to get an email from me this fall asking you to review proposals!**

We Can Do It!



Together we can get you the tools and services you need

Otherwise, good luck dealing with those pesky scientists