



Technology Partnerships Office

**NCMA
Industry Day
14 June 2016**

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TECHNOLOGY PARTNERSHIPS OFFICE (TPO)

- **Facilitate use of Division Newport intellectual capital and assets including:**
 - **Facilities**
 - **Equipment**
 - **Expertise**
- **Execute Small Business Innovation Research (SBIR) & Small Business Technology Transfer (STTR) programs**
- **Administer S&T Broad Agency Announcements (BAAs)**

**Leveraging Partnerships and Collaborations to
Enhance Capabilities for the Warfighter**



Partnership and Collaboration Mechanisms

- **Cooperative Research and Development Agreements (CRADAs)**
- **Work for Private Party agreements**
- **Patent License agreements**

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Cooperative Research & Development Agreements (CRADAs)

- **Agreements between DIVNPT and one or more non-Federal parties to perform *cooperative & mutually beneficial R&D* consistent with the DIVNPT mission**
- **DIVNPT may provide personnel, services, facilities and equipment**
- **Non-Federal Collaborator may provide all of the above plus funds to DIVNPT**
- **Preference for small businesses and for businesses agreeing to manufacture products substantially in the U.S.**
- **Intellectual Property (IP) rights are covered in the agreements**

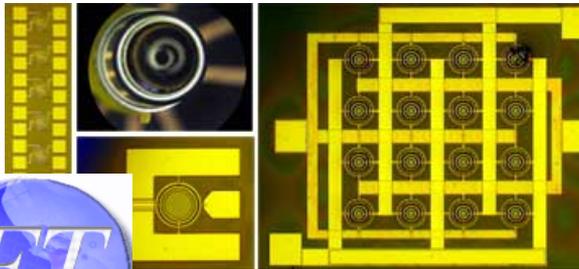


CRADA Examples

Miniaturized Gas Detectors
for Explosives and Explosive Precursors



Epitaxial Technologies, Inc.



Can be used for IRAD projects and prototype evaluation

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Navy Potential Contractor (NPC) CRADA

- Establishes “need to know” to gain clearance and access to information
- Replaces NPC program no cost contract agreements
- Company continues development of product or service and provides yearly report on progress
- Division files paperwork with DSS that starts clearance process
- Three years duration
- Up to SECRET

Supports increased competition

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NPC CRADA Topic Examples

- **Acoustic Window Materials**
- **Geospatial Information Systems**
- **Network-Centric Imagery**
- **Participation in 2016 Annual Navy Technology Exercise (ANTX)**

Broadens pool of contractors with ability to address Navy technical challenges



Work for Private Parties (WFPP)

- **Provides private party access to Government facilities and expertise**
- **Non-collaborative agreement**
- **Private parties pay the Government & must recover all costs of use of the facility and associated Government labor**
- **References for details:**
 - **10 USC 2539B (Test Services)**
 - **10 USC 2563 (Engineering Services)**
 - **10 USC 2681 (AUTEK Range Services)**
- **Cannot compete with industry – Government has to be the only source for the work/services required**

WFPP Testing Examples



Survivability Test Facility



Seneca Lake Test Facility



Acoustic Pressure Test Facility



Patent License Agreements

- Dual use commercialization leverages NUWC's R&D
- Exclusive and non-exclusive licenses available
- License agreements in conjunction with a CRADA to support transition to commercial products

**Supports economic development
and job growth**



Patent Licensing Examples



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SBIR & STTR



Program Descriptions

- **Small Business Innovation Research (SBIR)**

Set-aside program for small business concerns to engage in federal R&D -- with potential for commercialization.

(11 federal agencies required to participate)

- **Small Business Technology Transfer (STTR)**

Set-aside program to facilitate cooperative R&D between small business concerns and U.S. research institutions -- with potential for commercialization.

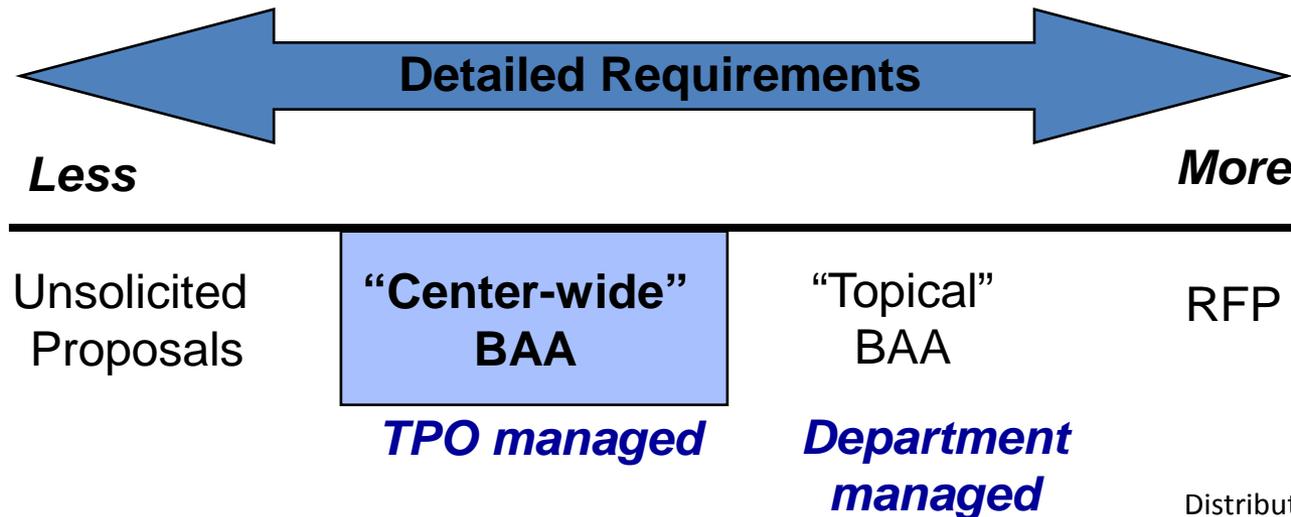
(5 federal agencies required to participate)

www.dodsbir.net

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S&T BAA

- Invitation to submit proposals
- www.fedbizopps.gov
- Solicitation Number: N66604-14-R-0241





Resources for Companies

- Commerce RI
 - Procurement Technical Assistance Center (PTAC)
 - www.riptac.org
- RI Small Business Development Center
 - <https://web.uri.edu/risbdc/>
- Polaris MEP
 - <http://polarismep.org/>
- Federal Laboratory Consortium for Technology Transfer (FLC)
 - www.federallabs.org
- DoD TechLink
 - Techlinkcenter.org



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