Proposals Selected for Negotiation of Contracts

- **Advanced Ceramics Manufacturing**
  
  7800A South Nogales Highway
  
  Tucson, AZ 85756
  
  Mark Angier (520) 547-0856

  **Villanova University**
  
  800 Lancaster Avenue
  
  Villanova, PA 19085
  
  12-2-T10.01-9724 KSC

  [Ultra High Temperature Refractory Materials](#) [1]

- **Amethyst Research Inc.**
  
  123 Case Circle
  
  Ardmore, OK 73401
  
  Robert Kuester (580) 657-2575

  **University of Oklahoma**
  
  440 West Brooks Street
  
  Norman, OK 73019
  
  12-2-T8.02-9770 JPL

  [Detectors with Improved Near-to-Mid IR Performance and Reduced Cooling Requirements](#) [2]

- **Angstrom Designs, Inc.**
  
  PO Box 2032
  
  Santa Barbara, CA 93120
  
  Timothy Halsey (805) 284-4535

  **University of California, Santa Barbara**
An LED-Based, Laboratory-Scale Solar Simulator for Advanced 3, 4, 5 & 6 Junction Space Photovoltaic Power Systems [3]

- **Aurora Flight Sciences Corporation**
  9950 Wakeman Drive
  Manassas, VA 20110
  Scott Hart (617) 500-4892

  **University of Maryland**
  3112 Lee Building
  College Park, MD 20742
  12-2-T5.01-9952 LaRC


- **CFD Research Corporation**
  701 McMillian Way Northwest, Suite D
  Huntsville, AL 35806
  Silvia Harvey (256) 726-4858

  **University of Florida**
  339 Weil Hall
  Gainesville, FL 32611
  12-2-T4.03-9945 KSC

  Particle Flow Physics Modeling for Extreme Environments [5]

- **CFD Research Corporation**
  701 McMillian Way Northwest, Suite D
  Huntsville, AL 35806
  Silvia Harvey (256) 726-4858

  **Mississippi State University**
• Creare, Inc.
P.O. Box 71
Hanover, NH 03755
Robert Kline-Schoder (603) 643-3800

Embry-Riddle Aeronautical University
600 South Clyde Morris Boulevard
Daytona Beach, FL 32114
12-2-T8.01-9837 GSFC


• Directed Vapor Technologies International, Inc
2 Boars Head Lane
Charlottesville, VA 22903
Matthew Terry (434) 296-3678

University of Pittsburgh
123 University Place
Pittsburgh, PA 15213
12-2-T12.01-9868 GRC

Advanced Deposition Capability for Oxidation & Corrosion Protection Coatings [8]

• Materials Research and Design, Inc.
300 East Swedesford Road
Wayne, PA 19087
Brian Sullivan (610) 964-6131

University of Akron
284 Polsky Building
Akron, OH 44325
12-2-T12.01-9928 GRC

Improved Foreign Object Damage Performance for 3D Woven Ceramic Matrix Composites [9]

- **MaXentric Technologies, LLC**
  2071 Lemoine Avenue, Suite 302
  Fort Lee, NJ 07024
  Houman Ghajari (858) 272-8800

The Regents of the University of California, San Diego
9500 Gilman Drive #0934
La Jolla, CA 92093
12-2-T11.01-9737 GSFC

Assimilation Dynamic Network (ADN) [10]

- **Mesh Robotics, LLC**
  142 Crescent Drive
  Pittsburgh, PA 15228
  Michael Wagner (412) 606-3842

Carnegie Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213
12-2-T4.01-9920 ARC

MeshSLAM: Robust Localization and Large-Scale Mapping in Barren Terrain [11]

- **Prioria, Inc.**
  606 Southeast Depot Ave
  Gainesville, FL 32601
  Walter Hunt (352) 505-2188

University of Florida
219 Grinter Hall
Autonomous Onboard Failsafe System to Mitigate Common Failure Modes of Experimental SUAS [12]

- Qualtech Systems, Inc.
  99 East River Drive
  East Hartford, CT 06108
  Sudipto Ghoshal (860) 761-9341

Montana State University
309 Montana Hall, P.O. Box 172470
Bozeman, MT 59717
12-2-T13.01-9887 JSC
Risk Engineering, Sciences, Computation, and Informed Decisions [13]

- Radiance Technologies, Inc.
  350 Wynn Drive
  Huntsville, AL 35805
  Brad Atkins (256) 489-8584

Louisiana Tech University
1507 Wyly Tower, P.O. Box 3092
Ruston, LA 71270
12-2-T3.01-9994 SSC
MEMS Based Solutions for an Integrated and Miniaturized Multi-Spectrum Energy Harvesting and Conservation System [14]

- RNET Technologies, Inc.
  240 West Elmwood Drive, Suite 2010
  Dayton, OH 45459
  Vaidyanathan Nagarajan (937) 433-2886

Argonne National Laboratory
9700 South Cass Avenue
Lemont, IL 60439
12-2-T11.01-9699 GSFC


- **Rolling Hills Research Corporation**
  420 North Nash Street
  El Segundo, CA 90245
  Brian Kramer (310) 640-8781

  The Board of Trustees of the University of Illinois
  1901 South First Street, Suite A
  Champaign, IL 61820
  12-2-T9.01-9754 AFRC

  Modular Electric Propulsion Test Bed Aircraft [16]

- **Scientific Systems Company, Inc.**
  500 West Cummings Park, Suite 3000
  Woburn, MA 01801
  Michael McComas (603) 860-6016

  Massachusetts Institute of Technology
  77 Mass Avenue, Building Northeast 18-901
  Cambridge, MA 02139
  12-2-T15.02-9807 LaRC

  Implementation & Flight Testing of IMPACT System for Autonomous ISR using Collaborating UAVs with Application to Wild Fire Monitoring [17]

- **Space Micro, Inc.**
  10237 Flanders Court
  San Diego, CA 92121
  David Strobel (858) 332-0700

  Arizona State University
  660 South Mil Avenue, Suite 312
Tempe, AZ 85287
12-2-T15.01-9798 JSC
Radiation Hard Monolithic SDRAM to Support DDR2 and DDR3 Architectures [18]

- Streamline Automation, LLC
  3100 Fresh Way Southwest
  Huntsville, AL 35805
  Alton Reich (256) 713-1220

Wake Forest University
501 Deacon Boulevard
Winston-Salem, NC 27105
12-2-T3.01-9840 SSC
Power Generating Coverings and Casings [19]

- Streamline Numerics, Inc.
  3221 North West 13th Street, Suite A
  Gainesville, FL 32609
  Siddharth Thakur (352) 271-8841

Mississippi State University
133 Etheridge Hall, 449 Hardy Road
Mississippi State, MS 39762
12-2-T1.01-9979 MSFC
High Performance Multiphase Combustion Tool Using Level Set-Based Primary Atomization Coupled with Flamelet Models [20]

- Systems Technology, Inc.
  13766 Hawthorne Boulevard
  Hawthorne, CA 90250
  Thomas Myers (310) 679-2281

University of Florida
339 Weil Hall
• Systima Technologies, Inc.
  10809 120th Ave Northeast
  Bothell, WA 98012
  Tom Prenzlow (425) 487-4020

**University of Washington**
Department of Aeronautics & Astronautics, Box 352250
Seattle, WA 98195
12-2-T2.01-9838 GRC

**Advanced Green Micropropulsion System** [22]

• **Wavefront, LLC**
  7 Johnston Circle
  Basking Ridge, NJ 07920
  Jie Yao (609) 558-4806

**Utah State University Research Foundation - SDL**
1695 North Research Park Way
North Logan, UT 84341
12-2-T8.03-9846 ARC

**Conjugate Etalon Spectral Imager (CESI) & Scanning Etalon Methane Mapper (SEMM)** [23]