Proposals Selected for Negotiation of Contracts

- **Argonne National Laboratory**
  9700 South Cass Ave,
  Agronne, IL 60439

  **Mohawk Innovative Technology, Inc.**
  1037 Watervliet-Shaker Road
  Albany, NY 12205
  James Walton (214) 748-3647
  04-1-T3.01-9865 GRC
  [Coatings for Fuel Cell Propulsion Compressor Bearings](#) [1]

- **Auburn University**
  215 East Thach Avenue
  Auburn, AL 36830

  **Alpha Beta Technologies, Inc.**
  3411-C Triana Blvd.
  Huntsville, AL 35805
  Douglas Morris (214) 748-3647
  04-1-T9.01-9957 SSC
  [Versatile Wireless Data Net](#) [2]

- **Brigham Young University**
  Brigham Young University
  Provo, UT 84602

  **STITechnologies, Inc.**
  , NY 00000
Timothy Nichols (214) 748-3647

04-1-T9.01-9907 SSC

Energy Based Acoustic Measurement Sensors [3]

- Brown University
  164 Angell street
  Providence, RI 02912

  Scientific Solutions, Inc.
  , MA 00000

  John Noto (214) 748-3647
  04-1-T4.02-9913 GSFC


- California Polytechnic State University Foundation
  1 Grand Avenue
  San Luis Obispo, CA 93410

  Rolling Hills Research Corporation
  , CA 00000

  Brian Kramer (214) 748-3647
  04-1-T2.02-9951 AFRC

  Optimal Thrust Vectoring for an Annular Aerospike Nozzle [5]

- Case Western Reserve University
  Adelber Hall, Rm. 4
  Cleveland, OH 44106

  Flight Landata, Inc.
  250 Clark Street
  North Andover, MA 01845

  James Baker (214) 748-3647
  04-1-T4.01-9976 GSFC

• **Cerritos College**
  11110 Alondra Blvd
  Norwalk, CA 90650

**H. D. Neubert & Associates, Inc.**
6051 Prado Street
Anaheim, CA 92807
Hans Neubert (214) 748-3647
04-1-T7.01-9880 LaRC

[Personal Air Vehicle Research Project](#) [7]

• **Clemson University**
  118 Kinard Laboratory
  Clemson, SC 29634

**Space Micro, Inc.**
, CA 00000
David Strobel (214) 748-3647
04-1-T1.02-9905 ARC

[Miniature Space Dosimeter Based on Semiconductor Oxides](#) [8]

• **Georgia Tech**
  505 Tenth Street NW
  Atlanta, GA 30332

**Global Technology Connection, Inc**
2839 Paces Ferry Road, Suite 1160
Atlanta, GA 30339
Ash Thakker (214) 748-3647
04-1-T1.01-9963 ARC

[Hierarchical Intelligent Data Fusion Architecture for System Health Management](#) [9]
• Georgia Tech Applied Research Corporation
  505 Tenth Street
  Atlanta, GA 30318

  Aerocomposites, Inc.
  49 Cambridge Heights
  Kensington, CT 06037
  Harrison Griswold (214) 748-3647
  04-1-T7.01-9955 LaRC
  Low Cost/Low Noise Variable Pitch Ducted Fan [10]

• Jet Propulsion Laboratory
  4800 Oak Grove Drive
  Pasadena, CA 91109

  IA Tech, Inc.
  10501 Kinnard Avenue
  Los Angeles, CA 90024
  Ann Tai (214) 748-3647
  04-1-T1.01-9899 ARC

• Johns Hopkins University
  3400 N. Charles Street
  Baltimore, MD 21218

  Plasma Processes, LLC.
  4914 Moores Mill Road
  Huntsville, AL 35811
  Angela Hattaway (214) 748-3647
  04-1-T8.01-9904 MSFC
  Nanostructured Tungsten Rhenium Components for Propulsion Systems [12]

• Massachusetts Institute of Technology
NEMOmetrics Company
28 Constitution Road
Boston, MA 02129
Elmer Lupton (214) 748-3647
04-1-T1.01-9919 ARC

Aerospace Systems Monitor [13]

• Mississippi State Univ
210 Carpenter Eingeering bld
Mississippi State, MS 39762

Hypercomp Engineering, Inc.
1080 North Main, Suite #2
Brigham City, UT 84302
James Patterson (214) 748-3647
04-1-T8.01-9857 MSFC

The Cyogenic Evaluation of Irradiated Composite Materials for Use in Composite Pressure Vessels [14]

• Mississippi State University
Engineering Research Center
Mississippi State, MS 39762

Tetra Research Corporation
, AL 00000
Rex Chamberlain (214) 748-3647
04-1-T8.02-9962 MSFC


• Mississippi State University
205 Research Boulevard
Starkville, MS 39759
Cook's Advanced Energy Conversion, LLC
109-A Garrard Road
Starkville, MS 39759
Robert Cook (214) 748-3647
04-1-T9.01-9980 SSC


Montana Tech of the University of Montana
1300 West Park Street
Butte, MT 59701

Qualtech Systems, Inc.
, CT 00000
Amit Mathur (214) 748-3647
04-1-T1.01-9930 ARC

Intelligent Self Evolving Prognostic Fusion [17]

North Carolina Agricultural and Technical State University
1601 E. Market St., Fort IRC Building
Greensboro, NC 27411

2020 Company, LLC
505 N Lake Shore Drive, Suite 1303
Chicago, IL 60611
Haresh Bhungalia (202) 257-4007
04-1-T2.01-9912 AFRC

Finite Element Multidisciplinary Optimization Simulation of Flight Vehicles [18]

North Carolina State University
Research Administration/SPARCS, 2701 Sullivan Drive
Raleigh, NC 27695
Kalscott Engineering, Inc.
3226 SW Timberlake Ln.
Topeka, KS 66614
Tom Sherwood (214) 748-3647
04-1-T2.02-9970 AFRC
Aerodynamic Efficiency Enhancements for Air Vehicles [19]

- Northwestern University
  2220 Campus Drive
  Evanston, IL 60208

TITECH International, Inc.
15400 Calhoun Drive, Suite 400,
CA 00000
Edward Chen (214) 748-3647
04-1-T3.01-9864 GRC
Near Net Shape Fabrication Technology for Shape Memory Alloy Components [20]

- Northwestern University
  2154 Sheridan Rd.
  Evanston, IL 60208

Cornerstone Research Group, Inc.
2750 Indian Ripple Road
Dayton, OH 45440
Patrick Hood (214) 748-3647
04-1-T4.02-9958 GSFC
Nickel-Syntactic Hybrid Mirrors [21]

- Pennsylvania State University
  110 Technology Center
  University Park, PA 16802

Intelligent Automation, Inc.
15400 Calhoun Drive, Suite 400
Rockville, MD 20855
Mark James (214) 748-3647
04-1-T2.02-9944 AFRC

A Thin Film Transistor Based Ultrasonic Sensor for Aircraft Integrity Monitoring [22]

• Purdue University, Sponsored Program Services
  Hovde Hall of Administration, 610 Purdue Mall
  West Lafayette, IN 47907

  Sierra Engineering, Inc.
  , NV 00000
  Margo Hornung (214) 748-3647
  04-1-T8.02-9925 MSFC

  Rocket Combustor Validation Data for Advanced Combustion Models [23]

• Research Foundation of SUNY
  Office of Research Services
  Stony Brook, NY 11794

  Amseta Corporation
  3604 Townehouse Drive
  Coram, NY 11727
  Manju Singh (214) 748-3647
  04-1-T8.01-9985 MSFC


• The Catholic University of America
  620 Michigan Ave., NE,
  Washington, DC 20061

  Boston Applied Technologies, Inc.
  150H New Boston St.
  Woburn, MA 01801
Kevin Zou
04-1-T5.01-9922 JSC

Polarization Imaging Apparatus for Cell and Tissue Imaging and Diagnostics [25]

- **The Pennsylvania State University**
  150 Materials Research Laboratory
  University Park, PA 16802

  **TRS Ceramics, Inc.**
  , PA 00000
  Wesley Hackenberger (214) 748-3647
  04-1-T3.01-9949 GRC

  Cost Effective Growth of High Temperature Piezoelectrics for Adaptive Flow Control Actuators [26]

- **UC Davis**
  One Shileds Ave
  Davis, CA 95616

  **Advanced Powder Solutions**
  10010 Cucklebur Circle
  Houston, TX 77095
  Dean Baker (214) 748-3647
  04-1-T8.01-9867 MSFC

  Net Shape Rapid Manufacturing Using Nano Encapsulated Powders [27]

- **Universities Space Research Association (HQ)**
  10211 Wincopin Circle, Suite 500
  Columbia, MD 21044

  **Agave BioSystems, Inc.**
  PO Box 100
  Ithaca, NY 14851
  Noe Salazar (214) 748-3647
  04-1-T5.01-9875 JSC
Inhibition of Biofilm Formation Using Novel Nanostructured Surfaces [28]

- **University of Illinois at Chicago**
  851 South Morgan St.
  Chicago, IL 60607

  **Binachip, Inc.**
  203 N Wabash, Suite 604
  Chicago, IL 60601
  Prith Banerjee (214) 748-3647
  04-1-T1.01-9991 ARC

  A System Level Tool for Translating Software to Reconfigurable Hardware [29]

- **University of Maryland**
  AV Williams Building
  College Park, MD 20742

  **TechnoVentures, LLC**
  , MD 00000
  Ari Tuchman (214) 748-3647
  04-1-T4.02-9836 GSFC

  GaN Based UV Sensors for Earth Resources Management [30]

- **University of Maryland-Baltimore County (UMBC)**
  1000 Hilltop Circle
  Baltimore, MD 21250

  **AdTech Photonics, Inc.**
  18007 Cortney Court
  Industry, CA 91748
  Eric Carlson (214) 748-3647
  04-1-T4.02-9897 GSFC

  High-Performance, Radiation-Hard, 2-D, Near-Infrared, Avalanche Photodiode Arrays [31]
• University Of Massachusetts
  Knowles Eng Bldg
  Amherst, MA 01003

Remote Sensing Solutions, Inc.
  , MA 00000
  James Carswell (214) 748-3647
  04-1-T4.01-9837 GSFC

  A Revolutionary Wind and Precipitation Scanning Radar for Unmanned Aerial Vehicles [32]

• University of Massachusetts Lowell
  Office of Research Administration, 600 Suffolk Street
  Lowell, MA 01854

Opin Technologies, Inc.
  2817 Cascade Falls Dr
  Austin, TX 78738
  Linghui Wu (214) 748-3647
  04-1-T4.01-9929 GSFC

  A Room-Temperature High-Speed Quantum Dot Infrared Photodetector with High Photodetectivity [33]

• University of Mississippi/National Center for Physical Acoustics
  Coliseum Drive
  University, MS 38677

Combustion Research and Flow Technology
  6210 Kellers Church Road
  Pipersville, PA 18947
  Paula Schachter (214) 748-3647
  04-1-T8.02-9927 MSFC

  Base Flow Model Validation [34]

• Vanderbilt University
**CFD Research Corporation**
215 Wynn Dr.
Huntsville, AL 35805
Ashok Singhal (214) 748-3647
04-1-T1.02-9977 ARC

*Improved Understanding of Space Radiation Effects on Exploration Electronics by Advanced Modeling of Nanoscale Devices and Novel Materials* [35]

- **Virginia Polytechnic and State University**
  460 Turner Street, Suite 306
  Blacksburg, VA 24060

**Luna Innovations Incorporated**
1 Riverside Circle, Suite 400
Roanoke, VA 24016
Angela Keen (214) 748-3647
04-1-T9.01-9933 SSC

*High-Speed Thermal Characterization of Cryogenic Flows* [36]

- **Virginia Polytechnic and State University**
  460 Turner Street, Suite 306
  Blacksburg, VA 24060

**Luna Innovations Incorporated**
1 Riverside Circle, Suite 400
Roanoke, VA 24016
Angela Keen (214) 748-3647
04-1-T2.02-9934 AFRC

*Transonic Flight Smart Sensor Suite* [37]

- **Virginia Polytechnic Institute and State University**
Zona Technology, Inc.

460 Turner Street, Suite 306
Blacksburg, VA 24060

Jennifer Scherr (214) 748-3647
04-1-T2.02-9923 AFRC

Nonlinear Aerodynamics-Structure Time Simulation for HALE Aircraft Design/Analysis. [38]

Virginia Tech

460 Turner Street, Mail #0170
Blacksburg, VA 24061

NextGen Aeronautics, Inc.

2780 Skypark Drive, Suite 400
Torrance, CA 90505
Jayanth Kudva (214) 748-3647
04-1-T6.01-9891 KSC

Wire Insulation Incorporating Self-Healing Polymers (WIISP) [39]

Worcester Polytechnic Institute

100 Institute Rd.
Worcester, MA 01609

NexTechnologies International Corporation

26 Preservation Way
Westford, MA 01886
Vicki Klinka (214) 748-3647
04-1-T7.01-9838 LaRC

Innovative Airworthiness Certification Concepts and Quality Assurance Processes for the PAV [40]

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