Proposals Selected for Negotiation of Contracts

- **2020 Company, LLC**
  505 N Lake Shore Drive, Suite 1303
  Chicago, IL 60611
  Haresh Bhungalia (202) 257-4007

  **North Carolina Agricultural and Technical State University**
  1601 E. Market St., Fort IRC Building
  Greensboro, NC 27411
  04-1-T2.01-9912 AFRC
  
  Finite Element Multidisciplinary Optimization Simulation of Flight Vehicles [1]

- **AdTech Photonics, Inc.**
  18007 Cortney Court
  Industry, CA 91748
  Eric Carlson (214) 748-3647

  **University of Maryland-Baltimore County (UMBC)**
  1000 Hilltop Circle
  Baltimore, MD 21250
  04-1-T4.02-9897 GSFC
  

- **Advanced Powder Solutions**
  10010 Cucklebur Circle
  Houston, TX 77095
  Dean Baker (214) 748-3647

  **UC Davis**
One Shileds Ave
Davis, CA 95616
04-1-T8.01-9867 MSFC

**Net Shape Rapid Manufacturing Using Nano Encapsulated Powders** [3]

- **Aerocomposites, Inc.**
  
  49 Cambridge Heights
  
  Kensington, CT 06037
  
  Harrison Griswold (214) 748-3647

**Georgia Tech Applied Research Corporation**

  505 Tenth Street
  
  Atlanta, GA 30318
  
  04-1-T7.01-9955 LaRC
  
  **Low Cost/Low Noise Variable Pitch Ducted Fan** [4]

- **Agave BioSystems, Inc.**
  
  PO Box 100
  
  Ithaca, NY 14851
  
  Noe Salazar (214) 748-3647

**Universities Space Research Association (HQ)**

  10211 Wincopin Circle, Suite 500
  
  Columbia, MD 21044
  
  04-1-T5.01-9875 JSC
  
  **Inhibition of Biofilm Formation Using Novel Nanostructured Surfaces** [5]

- **Alpha Beta Technologies, Inc.**
  
  3411-C Triana Blvd.
  
  Huntsville, AL 35805
  
  Douglas Morris (214) 748-3647

**Auburn University**

  215 East Thach Avenue
Auburn, AL 36830
04-1-T9.01-9957 SSC

Versatile Wireless Data Net [6]

- Amseta Corporation
  3604 Townehouse Drive
  Coram, NY 11727
  Manju Singh (214) 748-3647

  Research Foundation of SUNY
  Office of Research Services
  Stony Brook, NY 11794
  04-1-T8.01-9985 MSFC


- Binachip, Inc.
  203 N Wabash, Suite 604
  Chicago, IL 60601
  Prith Banerjee (214) 748-3647

  University of Illinois at Chicago
  851 South Morgan St.
  Chicago, IL 60607
  04-1-T1.01-9991 ARC

  A System Level Tool for Translating Software to Reconfigurable Hardware [8]

- Boston Applied Technologies, Inc.
  150H New Boston St.
  Woburn, MA 01801
  Kevin Zou

  The Catholic University of America
  620 Michigan Ave., NE,
Polarization Imaging Apparatus for Cell and Tissue Imaging and Diagnostics [9]

- **CFD Research Corporation**
  215 Wynn Dr.
  Huntsville, AL 35805
  Ashok Singhal (214) 748-3647

Vanderbilt University
110 21st Ave South
Nashville, TN 37235
04-1-T1.02-9977 ARC

Improved Understanding of Space Radiation Effects on Exploration Electronics by Advanced Modeling of Nanoscale Devices and Novel Materials [10]

- **Combustion Research and Flow Technology**
  6210 Kellers Church Road
  Pipersville, PA 18947
  Paula Schachter (214) 748-3647

University of Mississippi/National Center for Physical Acoustics
Coliseum Drive
University, MS 38677
04-1-T8.02-9927 MSFC

Base Flow Model Validation [11]

- **Cook’s Advanced Energy Conversion, LLC**
  109-A Garrard Road
  Starkville, MS 39759
  Robert Cook (214) 748-3647

Mississippi State University
205 Research Boulevard
Starkville, MS 39759
04-1-T9.01-9980 SSC


- Cornerstone Research Group, Inc.
  2750 Indian Ripple Road
  Dayton, OH 45440
  Patrick Hood (214) 748-3647

Northwestern University
  2154 Sheridan Rd.
  Evanston, IL 60208
  04-1-T4.02-9958 GSFC

Nickel-Syntactic Hybrid Mirrors [13]

- Flight Landata, Inc.
  250 Clark Street
  North Andover, MA 01845
  James Baker (214) 748-3647

Case Western Reserve University
  Adelber Hall, Rm. 4
  Cleveland, OH 44106
  04-1-T4.01-9976 GSFC

A Web-Based Airborne Remote Sensing Telemetry Server [14]

- Global Technology Connection, Inc
  2839 Paces Ferry Road, Suite 1160
  Atlanta, GA 30339
  Ash Thakker (214) 748-3647

Georgia Tech
  505 Tenth Street NW
Atlanta, GA 30332

04-1-T1.01-9963 ARC

Hierarchical Intelligent Data Fusion Architecture for System Health Management [15]

- **H. D. Neubert & Associates, Inc.**
  6051 Prado Street
  Anaheim, CA 92807
  Hans Neubert (214) 748-3647

  **Cerritos College**
  11110 Alondra Blvd
  Norwalk, CA 90650
  04-1-T7.01-9880 LaRC

  Personal Air Vehicle Research Project [16]

- **Hypercomp Engineering, Inc.**
  1080 North Main, Suite #2
  Brigham City, UT 84302
  James Patterson (214) 748-3647

  **Mississippi State Univ**
  210 Carpenter Eingeering bld
  Mississippi State, MS 39762
  04-1-T8.01-9857 MSFC

  The Cyogenic Evaluation of Irradiated Composite Materials for Use in Composite Pressure Vessels [17]

- **IA Tech, Inc.**
  10501 Kinnard Avenue
  Los Angeles, CA 90024
  Ann Tai (214) 748-3647

  **Jet Propulsion Laboratory**
  4800 Oak Grove Drive
  Pasadena, CA 91109
04-1-T1.01-9899 ARC

Component-Based QoS-Driven Synthesis of High Assurance Embedded Software [18]

• Intelligent Automation, Inc.
  15400 Calhoun Drive, Suite 400
  Rockville, MD 20855
  Mark James (214) 748-3647

Pennsylvania State University
  110 Technology Center
  University Park, PA 16802
  04-1-T2.02-9944 AFRC

A Thin Film Transistor Based Ultrasonic Sensor for Aircraft Integrity Monitoring [19]

• Kalscott Engineering, Inc.
  3226 SW Timberlake Ln.
  Topeka, KS 66614
  Tom Sherwood (214) 748-3647

North Carolina State University
  Research Administration/SPARCS, 2701 Sullivan Drive
  Raleigh, NC 27695
  04-1-T2.02-9970 AFRC

Aerodynamic Efficiency Enhancements for Air Vehicles [20]

• Luna Innovations Incorporated
  1 Riverside Circle, Suite 400
  Roanoke, VA 24016
  Angela Keen (214) 748-3647

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

  **Virginia Polytechnic and State University**
  
  460 Turner Street, Suite 306
  
  Blacksburg, VA 24060
  
  04-1-T2.02-9934 AFRC

  Transonic Flight Smart Sensor Suite [22]

• **Mohawk Innovative Technology, Inc.**
  
  1037 Watervliet-Shaker Road
  
  Albany, NY 12205
  
  James Walton (214) 748-3647

• **Argonne National Laboratory**
  
  9700 South Cass Ave,
  
  Argonne, IL 60439
  
  04-1-T3.01-9865 GRC

  Coatings for Fuel Cell Propulsion Compressor Bearings [23]

• **NEMOmetrics Company**
  
  28 Constitution Road
  
  Boston, MA 02129
  
  Elmer Lupton (214) 748-3647

**Massachusetts Institute of Technology**

  77 Massachusetts Ave.
  
  Cambridge, MA 02129
  
  04-1-T1.01-9919 ARC
- **NexTechnologies International Corporation**  
  26 Preservation Way  
  Westford, MA 01886  
  Vicki Klinka (214) 748-3647  
  
  **Worcester Polytechnic Institute**  
  100 Institute Rd.  
  Worcester, MA 01609  
  04-1-T7.01-9838 LaRC  
  
  Innovative Airworthiness Certification Concepts and Quality Assurance Processes for the PAV [25]

- **NextGen Aeronautics, Inc.**  
  2780 Skypark Drive, Suite 400  
  Torrance, CA 90505  
  Jayanth Kudva (214) 748-3647  
  
  **Virginia Tech**  
  460 Turner Street, Mail #0170  
  Blacksburg, VA 24061  
  04-1-T6.01-9891 KSC  
  
  Wire Insulation Incorporating Self-Healing Polymers (WIIISP) [26]

- **Opin Technologies, Inc.**  
  2817 Cascade Falls Dr  
  Austin, TX 78738  
  Linghui Wu (214) 748-3647  
  
  **University of Massachusetts Lowell**  
  Office of Research Administration, 600 Suffolk Street  
  Lowell, MA 01854  
  04-1-T4.01-9929 GSFC
A Room-Temperature High-Speed Quantum Dot Infrared Photodetector with High Photodetectivity [27]

- **Plasma Processes, LLC.**
  4914 Moores Mill Road
  Huntsville, AL 35811
  Angela Hattaway (214) 748-3647
  
  **Johns Hopkins University**
  3400 N. Charles Street
  Baltimore, MD 21218
  04-1-T8.01-9904 MSFC
  
  Nanostructured Tungsten Rhenium Components for Propulsion Systems [28]

- **Qualtech Systems, Inc.**
  , CT 00000
  Amit Mathur (214) 748-3647
  
  **Montana Tech of the University of Montana**
  1300 West Park Street
  Butte, MT 59701
  04-1-T1.01-9930 ARC
  
  Intelligent Self Evolving Prognostic Fusion [29]

- **Remote Sensing Solutions, Inc.**
  , MA 00000
  James Carswell (214) 748-3647
  
  **University Of Massachusetts**
  Knowles Eng Bldg
  Amherst, MA 01003
  04-1-T4.01-9837 GSFC
  
  A Revolutionary Wind and Precipitation Scanning Radar for Unmanned Aerial Vehicles [30]

- **Rolling Hills Research Corporation**
Brian Kramer (214) 748-3647

California Polytechnic State University Foundation
1 Grand Avenue
San Luis Obispo, CA 93410
04-1-T2.02-9951 AFRC
Optimal Thrust Vectoring for an Annular Aerospike Nozzle [31]

- Scientific Solutions, Inc.
  , MA 00000
  John Noto (214) 748-3647

Brown University
164 Angell street
Providence, RI 02912
04-1-T4.02-9913 GSFC

- Sierra Engineering, Inc.
  , NV 00000
  Margo Hornung (214) 748-3647

Purdue University, Sponsored Program Services
Hovde Hall of Administration, 610 Purdue Mall
West Lafayette, IN 47907
04-1-T8.02-9925 MSFC
Rocket Combustor Validation Data for Advanced Combustion Models [33]

- Space Micro, Inc.
  , CA 00000
  David Strobel (214) 748-3647

Clemson University
118 Kinard Laboratory
Clemson, SC 29634
04-1-T1.02-9905 ARC

Miniature Space Dosimeter Based on Semiconductor Oxides [34]

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

Brigham Young University
Brigham Young University
Provo, UT 84602
04-1-T9.01-9907 SSC

Energy Based Acoustic Measurement Sensors [35]

- TechnoVentures, LLC
  , MD 00000
  Ari Tuchman (214) 748-3647

University of Maryland
AV Williams Building
College Park, MD 20742
04-1-T4.02-9836 GSFC

GaN Based UV Sensors for Earth Resources Management [36]

- Tetra Research Corporation
  , AL 00000
  Rex Chamberlain (214) 748-3647

Mississippi State University
Engineering Research Center
Mississippi State, MS 39762
04-1-T8.02-9962 MSFC

Practical Multi-Disciplinary Analysis Tools for Combustion Devices [37]
• TITECH International, Inc.
  , CA 00000
  Edward Chen (214) 748-3647

  Northwestern University
  2220 Campus Drive
  Evanston, IL 60208
  04-1-T3.01-9864 GRC

  Near Net Shape Fabrication Technology for Shape Memory Alloy Components [38]

• TRS Ceramics, Inc.
  , PA 00000
  Wesley Hackenberger (214) 748-3647

  The Pennsylvania State University
  150 Materials Research Laboratory
  University Park, PA 16802
  04-1-T3.01-9949 GRC


• Zona Technology, Inc.
  , AZ 00000
  Jennifer Scherr (214) 748-3647

  Virginia Polytechnic Institute and State University
  460 Turner Street, Suite 306
  Blacksburg, VA 24060
  04-1-T2.02-9923 AFRC

  Nonlinear Aerodynamics-Structure Time Simulation for HALE Aircraft Design/Analysis [40]