Proposals Selected for Negotiation of Contracts

Expand All

- **T1 Information Technologies for System Health Management And The Study of Space Radiation Environments and Associated Health Risks (2)**

  *Impact Technologies, LLC*
  
  200 Canal View Blvd, Suite 300
  
  Rochester, NY 14623
  
  Carol Marquardt (585) 424-1990

  *Georgia Tech Research Corporation*
  
  Industry Contracting Office, 505 Tenth Street, NW
  
  Atlanta, GA 30318
  
  07-1-T1.01-9988 ARC

  [Integrating Prognostics in Automated Contingency Management Strategies for Advanced Aircraft Controls][1]

- **Qualtech Systems, Inc.**

  100 Great Meadow Road, Suite 603
  
  Wethersfield, CT 06109
  
  Sudipto Ghoshal (860) 257-8014

- **University of Connecticut**

  438 Whitney Road Ext., Unit 1133
  
  Storrs, CT 06269
  
  07-1-T1.01-9880 ARC

  [Data Reduction Techniques for Real-time Fault Detection and Diagnosis, and Multiple Fault Inference with Imperfect Tests][2]

- **T2 Atmospheric Flight Research of Advanced Technologies and Vehicle Concepts**
(3)

**Advanced Engineering Solutions**
67 Deep Woods Way
Ormond Beach, FL 32174
Maj Dean Mirmirani (310) 704-7490

**Oklahoma State University**
218 Engineering North
Stillwater, OK 74078
07-1-T2.01-9946 AFRC


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

**Cal Poly Corporation**
Building 15
San Luis Obispo, CA 93407
07-1-T2.02-9799 AFRC

*A Reusable, Oxidizer-Cooled, Hybrid Aerospike Rocket Motor for Flight Test* [4]

**ZONA Technology, Inc.**
9489 E. Ironwood Square Drive
Scottsdale, AZ 85258
Jennifer Scherr (480) 945-9988

**Arizona State University**
P.O. Box 873503
Tempe, AZ 85287
07-1-T2.02-9821 AFRC

*GVT-Based Ground Flutter Test without Wind Tunnel* [5]
• T3 Technologies for Space Exploration and Human Research (2)
  CFD Research Corporation
  215 Wynn Drive, 5th Floor
  Huntsville, AL 35805
  Silvia Harvey (256) 726-4800
  University of Pittsburgh
  219 Parkman Avenue
  Pittsburgh, PA 15260
  07-1-T3.02-9983 GRC
  An On-Chip Nano-Plasmonics Based Urine Protein Assay Cartridge [6]

  EIC Laboratories, Inc.
  111 Downey Street
  Norwood, MA 02062
  David Rauh (781) 769-9450
  Arizona Board of Regents, University of Arizona
  P.O. Box 3308
  Tucson, AZ 85722
  07-1-T3.01-9876 GRC
  Optical Downconverting Nanomaterials for Enhanced Photovoltaic Efficiency [7]

• T4 Innovative Sensors, Detectors and Instruments Technology Needs for Earth Science, Space Science and Exploration (4)
  Advanced Mechanical Technology, Inc.
  176 Waltham Street
  Watertown, MA 02472
  Bruce White (617) 926-6700
  Massachusetts Institute of Technology
  77 Massachusetts Avenue
Cambridge, MA 02139
07-1-T4.02-9935 GSFC

**Modified Collins Cryocooler for Cryo-Propellant Thermal Management** [8]

**Innosense, LLC**
2531 West 237th Street, Suite 127
Torrance, CA 90505
Latika Datta (310) 530-2011

**Case Western Reserve University**
10900 Euclid Avenue
Cleveland, OH 44106
07-1-T4.03-9948 JPL

**Highly Reflecting, Broadband Deformable Membrane Mirror for Wavefront Control Applications** [9]

**MEMtronics Corporation**
3000 Custer Road, Suite 270-400
Plano, TX 75075
Charles Goldsmith (214) 552-7055

**Lehigh University**
5 East Packer Avenue
Bethlehem, PA 18015
07-1-T4.04-9856 JPL

**High Performance Ka-band Phase Shifters for Space Telecommunications** [10]

**Sigma Space Corporation**
4801 Forbes Blvd.
Lanham, MD 20706
Tim Kirk (301) 552-6300

**University of Maryland, Baltimore County**
1000 Hilltop Circle
Baltimore, MD 21250
07-1-T4.01-9860 GSFC
Wavelength Drift Corrector for Wind Lidar Receivers [11]

- **T5 Innovative Technologies and Approaches for Space (3)**
  
  **digitROBOTICS, LLC**
  
  19 Crestview Drive
  
  South Deerfield, MA 01373
  
  Bryan Thibodeau (413) 374-3048
  
  The University of Massachusetts, Amherst
  
  c/o OGCA, Research Admin. Bldg, 70 Butterfield Terrace
  
  Amherst, MA 01003
  
  07-1-T5.02-9886 JSC
  
  Control Suite and Teleoperator Interface for Whole-Body Mobile Manipulators [12]
  
  **Metrica, Inc.**
  
  100 N.E. Loop 410, Suite 520
  
  San Antonio, TX 78216
  
  Jonathan Fast (210) 822-2310
  
  Carnegie Mellon University
  
  5000 Forbes Avenue
  
  Pittsburgh, PA 15213
  
  07-1-T5.02-9829 JSC
  
  Coordinated Mobile Manipulation for Robotics Material Handling [13]
  
  **Virtual EM, Inc.**
  
  2019 Georgetown Blvd.
  
  Ann Arbor, MI 48105
  
  Tayfun Ozdemir (734) 222-4558
  
  **Purdue University**
  
  1205 West State Street
  
  West Lafayette, IN 47907
07-1-T5.01-9790 JSC

Improved High-Rejection Filters and MEMS-Enabled Smart Reconfigurable Antennas [14]

- T6 Launch Site Technologies (3)

Applied Sensor Research & Development Corporation
1195 Baltimore-Annapolis Blvd., Unit #2
Arnold, MD 21012
Jacqueline Hines (410) 544-4664

Temple University
1601 N. Broad Street
Philadelphia, PA 19122
07-1-T6.01-9878 KSC


Mnemonics, Inc.
3900 Dow Road, Suite J
Melbourne, FL 32934
Robert Thompson (321) 254-7300

University of Central Florida
12201 Research Parkway, Suite 501
Orlando, FL 32826
07-1-T6.01-9969 KSC

Wireless, Passive Encoded Saw Sensors and Communication Links [16]

Techno-Sciences, Inc.
11750 Beltsville Drive, Suite 300
Beltsville, MD 20705
Amy Hizoune (240) 790-0609

University of Maryland
ORAA/3112 Lee Building
College Park, MD 20742
• T7 Aerospace and Atmospheric Research for Improving Quality of Life (1)

Accudyne Systems, Inc.
134 Sandy Drive
Newark, DE 19713
Mark Gruber (302) 369-5390

University of Delaware Center for Composite Materials
201 Composite Manufacturing Science Lab
Newark, DE 19716
07-1-T7.02-9866 LaRC

Generating Autoclave-Level Mechanical Properties with Out-of-Autoclave Thermoplastic Placement of Large Composite Aerospace Structures [18]

• T8 Space Exploration and Transportation (5)

Barber-Nichols, Inc.
6325 West 55th
Arvada, CO 80002
Dave Kwiatkowski (303) 421-8111

University of Alabama, Huntsville
301 Sparkman Drive
Huntsville, AL 35899
07-1-T8.02-9917 MSFC

Turbopump Design for Deep Throttling Capability [19]

CFD Research Corporation
215 Wynn Drive, 5th Floor
Huntsville, AL 35805
Silvia Harvey (256) 726-4800

**Mississippi State University**
Simulation and Design Center, 2 Research Blvd.
Starkville, MS 39759
07-1-T8.02-9982 MSFC


**Hyper-Therm High-Temperature Composites**
18411 Gothard Street, Units B&C
Huntington Beach, CA 92648
Wayne Steffier (714) 375-4085

**California State University, Long Beach**
1250 Bellflower Blvd.
Long Beach, CA 90840
07-1-T8.01-9986 MSFC

*Low Erosion Ceramic Composite Liners for Improved Performance of Ablative Rocket Thrust Chambers* [21]

**Nanohmics, Inc.**
6201 East Oltorf Street, Suite 400
Austin, TX 78741
Ken Suter (765) 494-4728

**Purdue University**
585 Purdue Mall
West Lafayette, IN 47907
07-1-T8.01-9822 MSFC

*Laser Assisted Machining of Metal Matrix Composites* [22]

**Tetra Research Corporation**
420 Park Avenue West
Princeton, IL 61356
Rex Chamberlain (815) 872-0702
Mississippi State University
Engineering Research Center
Mississippi State, MS 39762
07-1-T8.02-9812 MSFC

Multi-Phase Flow Analysis Tools for Solid Motor Applications [23]

T9 Rocket Propulsion Testing Systems (3)

Innosense, LLC
2531 West 237th Street, Suite 127
Torrance, CA 90505
Latika Datta (310) 530-2011

University of Tennessee
1534 White Avenue
Knoxville, TN 37996
07-1-T9.01-9883 SSC


MetroLaser, Inc.
8 Chrysler
Irvine, CA 92618
Christina Arnold (949) 553-0688

Vanderbilt University
110 21st Avenue South, Baker Bldg. #937
Nashville, TN 37203
07-1-T9.01-9975 SSC

Hydroxyl Tagging Velocimetry for Rocket Plumes [25]

Mississippi Ethanol, LLC
P.O. Box 186
Winona, MS 38967
William Martin (662) 574-6688

**Mississippi State University**

205 Research Blvd.

Starkville, MS 39759

07-1-T9.01-9990 SSC

**Non Intrusive, On-line, Simultaneous Multi-Species Impurity Monitor in Hydrogen** [26]