Proposals Selected for Negotiation of Contracts

- **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 [1]

- **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


- **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 [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

- 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

- 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]

- 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


- 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 [8]

- EIC Laboratories, Inc.
  111 Downey Street
  Norwood, MA 02062
  David Rauh (781) 769-9450

Arizona Board of Regents, University of Arizona
• 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 [10]

• 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


• 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 [12]

• 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


• 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 [14]

• 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 [15]

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 [16]

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 [17]

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** [18]

- **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** [19]

- **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** [20]

- **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 [21]

- 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 [22]

- 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
07-1-T6.02-9925 KSC
Adaptive Magnetorheological Isolator for Ground Support Equipment [23]

- 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 [24]

- 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 [25]

- 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 [26]