Proposals Selected for Negotiation of Contracts

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

  **University of Delaware**
  201 Composite Manufacturing Science Lab
  Newark, DE 19716
  07-2-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
  07-2-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
07-2-T4.02-9935 GSFC

Modified Collins Cryocooler for Cryo-Propellant Thermal Management [3]

Balcones Technologies LLC
10532 Grand Oak Circle
Austin, TX 78750
Joseph Beno (512) 918-1496

University of Texas - Center for Electromechanics
P.O. Box 7726
Austin, TX 78713
07-2-T6.02-9978 KSC


CFD Research Corporation
215 Wynn Drive, 5th Floor
Huntsville, AL 35805
Silvia Harvey (256) 726-4858

University of Pittsburgh
219 Parkman Avenue
Pittsburgh, PA 15260
07-2-T3.02-9983 GRC

An On-Chip Nano-Plasmonics Based Urine Protein Assay Cartridge [5]

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

California St University, Long Beach
1250 Bellflower Blvd
Long Beach, CA 90840
07-2-T8.01-9986 MSFC

Low Erosion Ceramic Composite Liners for Improved Performance of Ablative Rocket Thrust Chambers [6]

- **Impact Technologies, LLC**
  200 Canal View Blvd, Suite 300
  Rochester, NY 14623
  Carol Marquardt (585) 627-1923

  **Georgia Tech Research Corporation**
  505 Tenth Street, NW
  Atlanta, GA 30318
  07-2-T1.01-9988 ARC

  Integrating Prognostics in Automated Contingency Management Strategies for Advanced Aircraft Controls [7]

- **Metrica, Inc.**
  100 N.E. Loop 410, Suite 520
  San Antonio, TX 78216
  Bruce Dunson (210) 822-2210

  **Carnegie Mellon University**
  5000 Forbes Avenue
  Pittsburgh, PA 15213
  07-2-T5.02-9829 JSC

  Coordinated Mobile Manipulation for Robotics Material Handling [8]

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

  **Vanderbilt University**
Hydroxyl Tagging Velocimetry for Rocket Plumes [9]

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

Mississippi State University
PO Box 6156
Mississippi State, MS 39759
07-2-T9.01-9990 SSC

Non Intrusivo, On-line, Simultaneous Multi-Species Impurity Monitor in Hydrogen [10]

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

University of Central Florida
12201 Research Pkwy., Suite 501
Orlando, FL 32826
07-2-T6.01-9969 KSC


- 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
07-2-T1.01-9880 ARC

Data Reduction Techniques for Real-time Fault Detection and Diagnosis, and Multiple Fault Inference with Imperfect Tests [12]

• Rolling Hills Research Corporation
  420 N. Nash Street
  El Segundo, CA 90245
  Brian Kramer (310) 310-9578

Cal Poly Corporation
  1 Grand Ave., Bldg 38 Room 102
  San Luis Obispo, CA 93407
  07-2-T2.02-9799 AFRC

A Reusable, Oxidizer-Cooled, Hybrid Aerospike Rocket Motor for Flight Test [13]

• Sigma Research and Engineering Corp.
  4801 Forbes Blvd
  Lanham, MD 20706
  Tim Kirk (301) 552-6300

University of Maryland Baltimore County
  1000 Hilltop Circle
  Baltimore, MD 21250
  07-2-T4.01-9860 GSFC

Wavelength Drift Corrector for Wind Lidar Receivers [14]

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

University of Maryland
  Dept. of Aerospace Engineering
College Park, MD 20742
07-2-T6.02-9925 KSC

Adaptive Magnetorheological Isolator for Ground Support Equipment [15]

- Tetra Research Corporation
  420 Park Avenue West
  Princeton, IL 61356
  Rex Chamberlain (815) 815-0702

Mississippi State University
Engineering Research Center
Mississippi State, MS 39762
07-2-T8.02-9812 MSFC

Multi-Phase Flow Analysis Tools for Solid Motor Applications [16]

- Virtual EM, Inc.
  2019 Georgetown Blvd.
  Ann Arbor, MI 48105
  Tayfun Ozdemir (734) 734-4558

Purdue University
302 Wood Street, 7th Floor
West Lafayette, IN 47907
07-2-T5.01-9790 JSC

MEMS-Enabled Smart Reconfigurable Antennas [17]

- 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

07-2-T2.02-9821 AFRC

GVT-Based Ground Flutter Test without Wind Tunnel [18]