



## 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

[The Integrated Computational Environment for Airbreathing Hypersonic Flight Vehicle Modeling and Design Evaluation](#) [2]

- **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

[Active Vibration Isolation System for Mobile Launch Platform Ground Support Equipment](#) [4]

• **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**

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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**

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2301 Vanderbilt Place

Nashville, TN 37235

07-2-T9.01-9975 SSC

[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 Intrusive, 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

[Wireless, Passive Encoded Saw Sensors and Communication Links - Phase II](#) [11]

- **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]

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