



Proposals Selected for Negotiation of Contracts

Expand All

- **Alabama (1)**

- **CFD Research Corporation**

- 701 McMillian Way Northwest, Suite D

- Huntsville, AL 35806

- Silvia Harvey (256) 726-4858

- **University of Alabama**

- 152 Rose Administration Building

- Tuscaloosa, AL 35487

- 14-2-T12.04-9977 MSFC

- [Multiple High-Fidelity Modeling Tools for Metal Additive Manufacturing Process Development](#) [1]

- **Arizona (1)**

- **TIPD, LLC**

- 1430 North 6th Avenue

- Tucson, AZ 85705

- James Fountain (520) 250-4405

- **University of Arizona, College of Optical Sciences**

- 1630 E. University Blvd.

- Tucson, AZ 85721

- 14-2-T8.01-9947 JPL

- [Ultrastable and Compact Deep UV Laser Source for Raman Spectroscopy](#) [2]

- **California (4)**

ATA Engineering, Inc.

13290 Evening Creek Drive South, Suite 250

San Diego, CA 92128

Joshua Davis (858) 480-2028

University of Mississippi

P.O. Box 1848

University, MS 38677

14-2-T12.01-9989 LaRC

[Improved Models for Prediction of Locally Intense Aeroacoustic Loads and Vibration Environments](#) [3]

HJ Science & Technology, Inc.

820 Heinz Avenue

Berkeley, CA 94710

Hong Jiao (408) 464-3873

Lawrence Berkeley National Laboratory

One Cyclotron Road, 971-SP

Berkeley, CA 94720

14-2-T6.01-9951 ARC

[An End-To-End Microfluidic Platform for Engineering Life Supporting Microbes in Space Exploration Missions](#) [4]

M4 Engineering, Inc.

4020 Long Beach Boulevard

Long Beach, CA 90807

Myles Baker (562) 305-3391

Virginia Polytechnic Institute

300 Turner Street Northwest

Blacksburg, VA 24061

14-2-T4.01-9879 AFRC

[Dynamic ASE Modeling and Optimization of Aircraft with SpaRibs](#) [5]

Opto-Knowledge Systems, Inc. (OKSI)

19805 Hamilton Avenue

Torrance, CA 90502

Nahum Gat (310) 756-0520

Pacific Northwest National Laboratory (PNNL)

902 Battelle Blvd., 902 Battelle Blvd.

Richland, WA 99352

14-2-T8.01-9935 JPL

[Compact Sensor for Isotope and Trace Gas Analysis](#) [6]

• **Colorado (1)**

Extreme Diagnostics, Inc.

6960 Firerock Court

Boulder, CO 80301

Robert Owen (303) 523-8924

The Regents of the University of Michigan

3003 South State Street

Ann Arbor, MI 48109

14-2-T3.01-9987 SSC

[Compact Energy Conversion Module](#) [7]

• **Florida (1)**

Streamline Numerics, Inc.

3221 North West 13th Street, Suite A

Gainesville, FL 32609

Siddharth Thakur (352) 271-8841

Stanford University

3160 Porter Drive, Suite 100

Palo Alto, CA 94304

14-2-T1.01-9966 MSFC

[High Fidelity Tool for Turbulent Combustion in Liquid Launch Propulsion Systems Based on Spray-Flamelet](#)

[Methodology](#) [8]

- **Maryland (1)**

- **Brimrose Technology Corporation**

- P.O. Box 616, 19 Loveton Circle

- Sparks, MD 21152

- Diane Murray (936) 588-6901

- **University Of Maryland Baltimore County**

- 1000 Hilltop Circle

- Baltimore, MD 21250

- 14-2-T8.01-9937 JPL

- [Acousto-Optic Tunable Filter-Based Polarimetric Spectral Sensor With Progressive Algorithm For Material Analysis and Mapping](#) [9]

- **Massachusetts (2)**

- **Aurora Flight Sciences Corporation**

- 90 Broadway, 11th Floor

- Cambridge, MA 2142

- Scott Hart (617) 500-4892

- **University of Massachusetts - Lowell**

- 600 Suffolk Street Room 226

- Lowell, MA 1854

- 14-2-T10.02-9954 JSC

- [Automated Manufacture of Damage Detecting, Self-Healing Composite Cryogenic Pressure Vessels](#) [10]

- **Physical Sciences, Inc.**

- 20 New England Business Center

- Andover, MA 1810

- B. David Green (978) 689-0003

- **University of California, Santa Barbara**

- 342 Lagoon Road

Santa Barbara, CA 93106

14-2-T12.02-9894 GRC

[In-Situ EBCs for High Performance Composite Propulsion Components](#) [11]

- **New York (1)**

- **Honeybee Robotics, Ltd.**

- Building 3, Suite 1005 63 Flushing Avenue Unit 150

- Brooklyn, NY 11205

- Chris Chapman (626) 459-7809

- **Embry-Riddle Aeronautical University**

- 600 South Clyde Morris Boulevard

- Daytona Beach, FL 32114

- 14-2-T4.02-9941 KSC

- [Free-Flying Unmanned Robotic Spacecraft for Asteroid Resource Prospecting and Characterization](#) [12]

- **Ohio (2)**

- **Applied Optimization, Inc.**

- 714 East Monument Avenue, Suite 204

- Dayton, OH 45402

- Catherine Keenan (937) 431-5100

- **University of Tennessee Knoxville**

- 1534 White Avenue, Blount Hall

- Knoxville, TN 37996

- 14-2-T12.04-9903 MSFC

- [Physics and Statistics Based Selection of SLM and EBM Process Parameters to Mitigate Defects and to Control Deposit Microstructure](#) [13]

- **Mound Laser & Photonics Center, Inc.**

- 2941 College Drive

- Kettering, OH 45420

Kevin Hartke (937) 865-3730

Wright State University

3640 Colonel Glenn Highway

Dayton, OH 45435

14-2-T12.04-9972 MSFC

[In-Process Monitoring of Additive Manufacturing](#) [14]

• **Pennsylvania (1)**

ProtoInnovations, LLC

5453 Albemarle Avenue

Pittsburgh, PA 15217

DIMITRIOS APOSTOLOPOULOS (412) 916-8807

Massachusetts Institute of Technology

77 Massachusetts Avenue

Cambridge, MA 2139

14-2-T11.01-9869 ARC

[Advanced Algorithms and Controls for Superior Robotic All-Terrain Mobility](#) [15]

• **Tennessee (1)**

Gloyer-Taylor Laboratories, LLC

112 Mitchell Boulevard

Tullahoma, TN 37388

Paul Gloyer (931) 455-7333

University of Tennessee Space Institute

411 BH Goethert Pkwy

Tullahoma, TN 37388

14-2-T1.02-9996 MSFC

[ACE Booster](#) [16]

- **Texas (2)**

- **Lynntech, Inc.**

- 2501 Earl Rudder Freeway South

- College Station, TX 77845

- Darla Hisaw (979) 764-2200

- **University of Texas at Dallas**

- 800 West Campbell Road

- Richardson, TX 75080

- 14-2-T3.01-9927 SSC

- [Heat Harvesting by Artificial Muscles](#) [17]

- **Omega Optics, Inc.**

- 8500 Shoal Creek Boulevard, Building 4, Suite 200

- Austin, TX 78757

- Gloria Chen (512) 996-8833

- **Texas State University**

- 601 University Drive

- San Marcos, TX 78666

- 14-2-T5.01-9895 GRC

- [Fully Printed Flexible 4-bit 2D \(4x4\) 16-Element Graphene-Based Phased Array Antenna System](#) [18]

- **Virginia (3)**

- **Elder Research, Inc.**

- 300 West Main Street, Suite 301

- CHARLOTTESVILLE, VA 22903

- Jeffrey Deal (434) 973-7673

- **Southwest Research Institute**

- 6220 Culebra Road

- San Antonio, TX 78238

- 14-2-T12.02-9930 GRC

[Physics-Based Modeling Tools for Life Prediction and Durability Assessment of Advanced Materials](#) [19]

Nanosonic, Inc.

158 Wheatland Drive

Pembroke, VA 24136

Melissa Campbell (540) 626-6266

Colorado State University

Sponsored Programs

Fort Collins, CO 80523

14-2-T10.02-9884 JSC

[Multifunctional Shielding and Self-Healing HybridSil Smart Composites for Space](#) [20]

Tao of Systems Integration, Inc.

1100 Exploration Way

Hampton, VA 23666

Arun Mangalam (757) 220-5040

The Texas A&M Engineering Experiment Station

400 Harvey Mitchell Parkway South, Suite 300

College Station, TX 77845

14-2-T4.01-9909 AFRC

[Distributed, Passivity-Based, Aeroservoelastic Control \(DPASC\) of Structurally Efficient Aircraft in the Presence of Gusts](#) [21]

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