



Proposals Selected for Negotiation of Contracts

- **Angstrom Designs, Inc.**

P.O. Box 2032

Santa Barbara, CA 93120

Casey Hare (805) 876-4138

University of California, Santa Barbara

342 Lagoon Road, Mail Code 2055

Santa Barbara, CA 93106

16-2-T13.01-9746 SSC

[Modular Embedded Intelligent Sensor Network](#) [1]

- **Applied Research, LLC**

9605 Medical Center Drive, Suite 113E

Rockville, MD 20850

Chiman Kwan (240) 505-2641

University of Tennessee, Knoxville

1534 White Avenue

Knoxville, TN 37996

16-2-T8.01-9787 JPL

[High Performance Image Processing Algorithms for Current and Future Mastcam Imagers](#) [2]

- **ASTER Labs, Inc.**

155 East Owasso Lane

Shoreview, MN 55126

Suneel Sheikh (651) 484-2084

The Regents of the University of Minnesota

200 Oak Street Southeast

Minneapolis, MN 55455

16-2-T4.03-9796 JPL

[Satellite Swarm Localization and Control via Random Finite Set Statistics](#) [3]

- **Balcones Technologies, LLC**

10532 Grand Oak Circle

Austin, TX 78750

Joseph Beno (512) 924-2241

- **University of Texas Center for Electromechanics**

10100 Burnet Road, EME 133

Austin, TX 78758

16-2-T15.01-9808 GRC

[Brushless Doubly Fed Motor for Mega-Watt Class Propulsor Power Unit](#) [4]

- **CFD Research Corporation**

701 McMillian Way Northwest, Suite D

Huntsville, AL 35806

Silvia Harvey (256) 726-4858

- **Mississippi State University**

133 Etheredge Hall 449 Hardy Road, P.O. Box 6156

Mississippi State, MS 39762

16-2-T1.02-9828 MSFC

[Unified In-Space Propulsion Framework for Prediction of Plume-Induced Spacecraft Environments](#) [5]

- **Cornerstone Research Group, Inc.**

2750 Indian Ripple Road

Dayton, OH 45440

Chrysa Theodore (937) 320-1877

- **University of Dayton**

300 College Park

Dayton, OH 45469

16-2-T12.02-9788 KSC

[NONA Repair of Composite Structures](#) [6]

- **Emergent Space Technologies, Inc.**

7901 Sandy Spring Road, Suite 511

Laurel, MD 20707

Everett Cary (301) 345-1535

University of Pittsburgh

1238 Benedum Hall, 3700 O'Hara Street

Pittsburgh, PA 15261

16-2-T11.02-9713 GSFC

[DSM Autonomy System](#) [7]

- **Fibertek, Inc.**

13605 Dulles Technology Drive

Herndon, VA 20171

Tracy Perinis (703) 471-7671

Pennsylvania State University

230 Innovation Boulevard

State College, PA 16803

16-2-T9.01-9825 LaRC

[Ultra-Compact Transmitter for Space-Based Lidar](#) [8]

- **Freedom Photonics, LLC**

41 Aero Camino

Santa Barbara, CA 93117

Milan Mashanovitch (805) 967-4900

University of California, Santa Barbara

ECE Department

Santa Barbara, CA 93106

16-2-T8.02-9720 GSFC

[Integrated Optical Transmitter for Space Based Applications](#) [9]

- **Gloyer-Taylor Laboratories, LLC**

112 Mitchell Boulevard

Tullahoma, TN 37388

Paul Gloyer (931) 455-7333

Southern Research Institute

2000 Ninth Avenue

South Birmingham, AL 85205

16-2-T12.01-9846 LaRC

[Structural Nervous System](#) [10]

- **Gloyer-Taylor Laboratories, LLC**

112 Mitchell Boulevard

Tullahoma, TN 37388

Paul Gloyer (931) 455-7333

University of Tennessee

2021 Stephenson Drive

Knoxville, TN 37996

16-2-T3.01-9843 SSC

[Active Radiation Shield](#) [11]

- **Linked, Inc**

3914 Deervale Drive

Sherman Oaks, CA 91403

Scott Keller (562) 810-7503

University of California, Los Angeles

11000 Kinross Avenue, Suite 200

Los Angeles, CA 90095

16-2-T4.01-9721 AFRC

[Sensitivity Analysis for Design Optimization Integrated Software Tools](#) [12]

- **Mango Materials**

490 Lake Park Avenue

Oakland, CA 94610

Molly Morse (650) 427-0430

- **Colorado School of Mines**

1012 14th Street

Golden, CO 80401

16-2-T6.04-9723 ARC

[A Novel, Membrane-Based Bioreactor Design to Enable a Closed-Loop System on Earth and Beyond](#) [13]

- **Morningbird Media Corporation**

259 Cheswick Drive

Madison, AL 35757

Chance Glenn (256) 799-0202

- **AAMU-RISE Foundation**

4900 Meridian Street

Normal, AL 35762

16-2-T12.04-9850 MSFC

[An Additive Manufacturing Technique for the Production of Electronic Circuits](#) [14]

- **Nanohmics, Inc.**

6201 East Oltorf Street, Suite 400

Austin, TX 78741

Michael Mayo (512) 389-9990

- **University of Maryland**

7809 Regents Drive

College Park, MD 20742

16-2-T8.01-9779 LaRC

[A Cubesat Hyperspectral Imager](#) [15]

- **Nanosonic, Inc.**

158 Wheatland Drive

Pembroke, VA 24136

Melissa Campbell (540) 626-6266

Virginia Tech

302 Whittemore Hall

Blacksburg, VA 24061

16-2-T12.03-9821 LaRC

[Integrated Sensors for the Evaluation of Structural Integrity of Inflatable Habitats](#) [16]

- **Otherlab, Inc.**

3101 20th Street

San Francisco, CA 94110

James McBride (617) 453-8171

Yale universty

9 Hillhouse Road

New Haven, CT 6511

16-2-T11.01-9734 ARC

[Soft Robotic Manipulators with Enhanced Perception using Multimodal Sensory Skins](#) [17]

- **Paragon Space Development Corporation**

3481 East Michigan Street

Tucson, AZ 85714

Tracey Jaloma (520) 382-4814

Texas Tech University

911 Boston, Box 41023

Lubbock, TX 79409

16-2-T6.03-9824 JSC

[Development of the Integrated Water Recovery Assembly \(IRA\) for Recycling Habitation Wastewater](#) [18]

- **Physical Sciences, Inc.**

20 New England Business Center

Andover, MA 1810

B. David Green (978) 689-0003

Purdue University

155 South Grant Street

West Lafayette, IN 47908

16-2-T1.01-9785 AFRC

[Low-Cost, Scalable, Hybrid Launch Propulsion Technology](#) [19]

- **STF Technologies, LLC**

58 Darien Road

Newark, DE 19711

Richard Dombrowski (716) 799-5935

University of Delaware

210 Hullahen Hall

Newark, DE 19716

16-2-T6.01-9742 JSC

[Shear Thickening Fluid Enhanced Textiles for Durable, Puncture- and Cut-Resistant Environmental Protection Garments](#) [20]

- **TDA Research, Inc.**

12345 West 52nd Avenue

Wheat Ridge, CO 80033

John Wright (303) 940-2300

University of Puerto Rico - Mayaguez

Call Box 9000

Mayaguez, PR 00681

16-2-T6.04-9773 ARC

[Highly Efficient Closed-Loop CO2 Removal System for Deep-Space ECLSS](#) [21]

- **TRAC Labs, Inc.**

100 North East Loop 410, Suite 520

San Antonio, TX 78216

David Kortenkamp (281) 461-7886

- **Carnegie Mellon University, Silicon Valley**

NASA Research Park, Building 23

Moffett Field, CA 94395

16-2-T11.01-9740 ARC

[Visualizing and Comparing Exploration Plan Alternatives and Change Effects \(xPACE\)](#) [22]

- **Universal Technology Corporation**

1270 North Fairfield Road

Dayton, OH 45432

David Burton (937) 241-9403

- **University of Louisville Research Foundation, Inc.**

300 East Market Street, Suite 300

Louisville, KY 40202

16-2-T12.04-9743 MSFC

[Empirical Optimization of Additive Manufacturing](#) [23]

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