



## Proposals Selected for Negotiation of Contracts

Expand All

- **T1 Center 2011 Technology Investments (4)**

- **American GNC Corporation**

- 888 Easy Street

- Simi Valley, CA 93065

- Emily Melgarejo (805) 582-0582

- **Pennsylvania State University**

- P.O. Box 30, Mail Stop 1250J

- State College, PA 16804

- 11-1-T1.03-9808 ARC

- [Evolutionary Autonomous Health Monitoring System \(EAHMS\)](#) [1]

- **CFD Research Corporation**

- 215 Wynn Drive, 5th Floor

- Huntsville, AL 35805

- Silvia Harvey (256) 726-4858

- **Michigan Technological University**

- 1400 Townsend Drive

- Houghton, MI 49931

- 11-1-T1.02-9940 ARC

- [An Electrochemical, Point-of-Care Detector for Reagent-free, In-situ Diagnostics of Pathogens](#) [2]

- **TRAC Labs, Inc.**

- 100 North East Loop 410, Suite 520

- San Antonio, TX 78216

- David Kortenkamp (281) 461-7886

**Brigham Young University**

A-285 ASB

Provo, UT 84602

11-1-T1.03-9922 ARC

[Anytime Summarization for Remote Robot Operations](#) [3]

**Universal Bio Mining, LLC**

665 3rd Street, Suite 250

San Francisco, CA 94107

John Cumbers (401) 523-8190

**SETI Institute**

189 Bernardo Ave., Suite 100

Mountain View, CA 94043

11-1-T1.01-9899 ARC

[Biomining of regolith simulants for biological in situ resource utilization](#) [4]

• **T2 Atmospheric Flight Research and Technology Demonstration (5)**

**Exquadrum, Inc.**

12130 Rancho Road

Adelanto, CA 92301

Glen Goede (760) 246-0279

**University of Alabama, Huntsville**

5000 Technology Drive

Huntsville, AL 35899

11-1-T2.01-9811 AFRC

[Hybrid Propulsion for Upper-Stage Boosters](#) [5]

**Luna Innovations Incorporated**

1 Riverside Circle, Suite 400

Roanoke, VA 24016

Shirley Evans (540) 961-6724

**Virginia Polytechnic and State University**

1880 Pratt Drive, Suite 2006

Blacksburg, VA 24060

11-1-T2.02-9821 AFRC

[Embedded Fiber Optic Shape Sensing for Aeroelastic Wing Components](#) [6]

**Lynntech, Inc.**

2501 Earl Rudder Freeway South

College Station, TX 77845

G. Renee Hisaw (979) 764-2218

**The University of Texas at Austin**

210 East 24th Street, WRW

Austin, TX 78712

11-1-T2.01-9954 AFRC

[Dynamic Stall Flow Control Through the Use of a Novel Plasma Based Actuator Technology](#) [7]

**Prime Photonics, LC**

1116 South Main Street

Blacksburg, VA 24060

Steve Poland (540) 961-2200

**Virginia Tech**

304A Holden Hall

Blacksburg, VA 24061

11-1-T2.01-9801 AFRC

[Energy Harvesting Wireless Strain Networks](#) [8]

**Tao of Systems Integration, Inc.**

1100 Exploration Way

Hampton, VA 23666

Arun Mangalam (757) 220-5040

**California Institute of Technology**

1200 East California Boulevard, Mail Code 201-15

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Pasadena, CA 91125

11-1-T2.02-9949 AFRC

[Vorticity State Estimation For Aeroelastic Control](#) [9]

- **T3 Technologies for Space Exploration (4)**

- **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

- 11-1-T3.01-9950 GRC

- [Controlled Canfield Joint as Improved Gimbal for Flywheel Systems](#) [10]

- **Deployable Space Systems, Inc.**

- 75 Robin Hill, Building B2

- Goleta, CA 93117

- Brian Spence (805) 722-8090

- **University of California, Santa Barbara**

- Office of Research

- Santa Barbara, CA 93106

- 11-1-T3.01-9785 GRC

- [Materials and Structures Optimization / Process Development for the Mega-ROSA / ROSA Solar Array](#) [11]

- **MicroLink Devices**

- 6457 West Howard Street

- Niles, IL 60714

- Noren Pan (847) 588-3001

- **Rochester Institute of Technology**

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141 Lomb Memorial Drive

Rochester, NY 14623

11-1-T3.01-9817 GRC

[Advanced Epitaxial Lift-Off Quantum Dot Photovoltaic Devices](#) [12]

**TDA Research, Inc.**

12345 West 52nd Avenue

Wheat Ridge, CO 80033

John Wright (303) 940-2300

**University of Colorado, Boulder**

572 UCB

Boulder, CO 80309

11-1-T3.01-9864 GRC

[Solid-fueled Micro Colloid Thruster](#) [13]

• **T4 Innovative Sensors, Support Subsystems and Detectors for Small Satellite Applications (4)**

**Applied NanoFemto Technologies, LLC**

181 Stedmen Street, Unit #2

Lowell, MA 01851

Jing Chen (978) 761-4293

**University of Massachusetts Lowell**

1 University Avenue

Lowell, MA 01854

11-1-T4.01-9886 GSFC

[Photonic antenna coupled middlewave infrared photodetector and focal plane array with low noise and high quantum efficiency](#) [14]

**Arkyd Astronautics, Inc.**

1331 118th Avenue South East, Suite 100

Bellevue, WA 98005

Chris Lewicki (425) 336-2448

**Massachusetts Institute of Technology**

77 Massachusetts Avenue

Cambridge, MA 02139

11-1-T4.01-9919 GSFC

[Multi-functional Optical Subsystem Enabling Laser Communication on Small Satellites](#) [15]

**EPIR Technologies, Inc.**

590 Territorial Drive

Bolingbrook, IL 60440

Sivalingam Sivananthan (630) 771-0201

**University of California Santa Cruz**

Engineering Baskin 350A, 1156 High Street

Santa Cruz, CA 95064

11-1-T4.01-9902 GSFC

[Infrared Microspectrometer based on MEOMS Lamellar Grating Interferometer](#) [16]

**Intelligent Fiber Optic Systems Corporation**

2363 Calle Del Mundo

Santa Clara, CA 95054

Behzad Moslehi (408) 565-9004

**University of Alabama in Huntsville**

Office of the Bursar, UC Room 2`4

Huntsville, AL 35899

11-1-T4.01-9792 GSFC

[Miniaurizable, High Performance, Fiber-Optic Gyroscopes for Small Satellites](#) [17]

• **T5 Technologies for Compositional Analysis and Mapping (3)**

**Aerodyne Research, Inc.**

45 Manning Road

Billerica, MA 01821

Cameron Martin (978) 663-9500

**University of Massachusetts Amherst**

Research Administration Building, 70 Butterfield Terrace

Amherst, MA 01003

11-1-T5.01-9789 JPL

[Substrate-Enhanced Micro Laser Desorption Ionization Mass Spectrometry](#) [18]

**AGILTRON Corporation**

15 Presidential Way

Woburn, MA 01801

Sharon Tan (781) 935-1200

**Yale University**

Becton Center 309; 15 Prospect Street

New Haven, CT 06520

11-1-T5.01-9835 JPL

[Uncooled near- and mid-IR spectrometer engine.](#) [19]

**HJ Science & Technology, Inc.**

187 Saratoga Avenue

Santa Clara, CA 95050

Hong Jiao (408) 464-3873

**University of Texas, San Antonio**

One UTSA Circle

San Antonio, TX 78249

11-1-T5.01-9938 JPL

[Lab-on-a-Robot Platform for in-situ Planetary Compositional Analysis](#) [20]

• **T6 Innovative Technologies and Approaches for Space (4)**

**Poulos Air & Space, Inc**

2010 Gates Avenue, Unit A

Redondo Beach, CA 90278

Dennis Poulos (310) 594-5009

**Systems Engineering Program, USAF Academy**

12354 Fairchild Drive, Room 6H140

USAFA, CO 80840

11-1-T6.02-9807 JSC

[Active Debris Removal \(ADR\) System Architecture Analysis Tool \(SAAT\) Prototype for Orbital Debris Stabilization and Removal Architecture Development](#) [21]

**Precision Combustion, Inc.**

410 Sackett Point Road

North Haven, CT 06473

John Scanlon (203) 287-3700

**University of Hartford**

200 Bloomfield Avenue

Hartford, CT 06117

11-1-T6.01-9901 JSC

[Compact, Regenerable, Low Power Adsorber for Spacesuit CO<sub>2</sub>, Humidity, and Trace Contaminant Control](#) [22]

**TDA Research, Inc.**

12345 West 52nd Avenue

Wheat Ridge, CO 80033

John Wright (303) 940-2300

**University of Colorado at Boulder**

572 UCB

Boulder, CO 80309

11-1-T6.01-9863 JSC

[A Self-Regulating Freezable Heat Exchanger for Spacecraft](#) [23]

**VectorNav Technologies, LLC**

903 North Bowser Road, Suite 200

Richardson, TX 75081

Jeremy Davis (512) 772-3615



**Texas Engineering Experiment Station/Texas A&M University**

3141 TAMU

College Station, TX 77845

11-1-T6.02-9880 JSC

[Enabling Large-body Active Debris Removal](#) [24]

- **T7 Ground Effects of Launch Acoustics, Payload Integration, and Flexible Polymer Foam Systems (4)**

**American Aerospace Advisors, Inc**

1279 Gulph Creek Drive

Radnor, PA 19807

Keith Martin (267) 772-1518

**Drexel University**

3201 Arch Street, Suite 100

Philadelphia, PA 19104

11-1-T7.02-9773 KSC

[Integrated Vibration and Acceleration Testing to Reduce Payload Mass, Cost and Mission Risk](#) [25]

**Gordon Nelson and Associates**

2283 Hamlet Drive

Melbourne, FL 32934

Gordon Nelson (321) 255-1163

**Florida Institute of Technology**

150 West University Boulevard

Melbourne, FL 32901

11-1-T7.03-9842 KSC

[New Flexible FR Polyurethane Foams for Energy Absorption Applications](#) [26]

**Intelligent Fiber Optic Systems Corporation**

2363 Calle Del Mundo

Santa Clara, CA 95054

Behzad Moslehi (408) 565-9004

**New Mexico Tech**

801 Leroy Place

Socorro, NM 87801

11-1-T7.01-9791 KSC

[High Performance Acousto-Optic Arrays based on Fiber Bragg Gratings for Measuring Launch Acoustics](#) [27]

**Nanosonic, Inc.**

158 Wheatland Drive

Pembroke, VA 24136

Lisa Lawson (540) 626-6266

**Virginia Tech**

107 Davidson Hall

Blacksburg, VA 24061

11-1-T7.03-9884 KSC

[Highly Flexible, Fire Resistant HybridSil Foams for Next Generation Fireproofing, Insulation, and Energy Absorption NASA Applications](#) [28]

• **T8 Autonomous Systems (4)**

**Astrobotic Technology, Inc.**

4551 Forbes Avenue

Pittsburgh, PA 15213

David Gump (412) 682-3282

**Carnegie Mellon University**

5000 Forbes

Pittsburgh, PA 15213

11-1-T8.01-9780 LaRC

[Multi-Robot Systems for Subsurface Planetary Exploration](#) [29]

**Neurala LLC**

846 East 3rd Street

South Boston, MA 02127

Heather Ames Versace (510) 205-8091

**Trustees of Boston University**

881 Commonwealth Avenue

Boston, MA 02215

11-1-T8.03-9888 LaRC

[Adaptive bio-inspired navigation for planetary exploration](#) [30]

**Opto-Knowledge Systems, Inc. (OKSI)**

19805 Hamilton Avenue

Torrance, CA 90502

Nahum Gat (310) 756-0520

**John Hopkins University / Applied Physics Lab**

11100 Johns Hopkins Road Laurel

Laurel, MD 20723

11-1-T8.02-9781 LaRC

[High Fidelity Airborne Imaging System for Remote Observation of Space Launch/Reentry Systems](#) [31]

**TDC Acquisition Holdings, Inc.**

4955 Corporate Drive, Suite 101

Huntsville, AL 35805

Anthony Buszka (256) 759-0486

**University of Alabama, Huntsville**

301 Sparkman Drive

Huntsville, AL 35805

11-1-T8.01-9762 LaRC

[Autonomous Multi-Robot Exploration using UWB](#) [32]

- **T9 Technologies for Human and Robotic Space Exploration Propulsion Design and Manufacturing (4)**

**Carbon-Carbon Advanced Technologies, Inc.**

4704 Eden Road

Kennedale, TX 76060

James Thompson (817) 985-2500

**Southern Research Institute**

2000 Ninth Avenue South

Birmingham, AL 35205

11-1-T9.01-9855 MSFC

[Lyocell Based Carbon Carbon Composite for Use as a Large Exit Cone Material](#) [33]

**CFD Research Corporation**

215 Wynn Drive, 5th Floor

Huntsville, AL 35805

Silvia Harvey (256) 726-4858

**Mississippi State University**

P.O. Box 9637

Mississippi State, MS 39762

11-1-T9.01-9966 MSFC

[A Multi-disciplinary Tool for Space Launch Systems Propulsion Analysis](#) [34]

**Keystone Synergistic Enterprises, Inc.**

664 NW Enterprise Drive, Suite 118

Port Saint Lucie, FL 34986

Bryant Walker (772) 343-7544

**Mississippi State University**

P.O. Box 6156

Mississippi State University, MS 39762

11-1-T9.01-9977 MSFC

[Colosed-Loop Control of the Thermal Stir Welding Process to Enable Rapid Process/Ppart Qualification](#) [35]

**Materials Modification, Inc.**

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2809-K Merrilee Drive

Fairfax, VA 22031

Tirumalai Sudarshan (703) 560-1371

**University of Texas at El Paso**

500 W University Avenue

El Paso, TX 79968

11-1-T9.01-9764 MSFC

[Polymer Matrix Composites using Fused Deposition Modeling Technology](#) [36]

• **T10 Rocket Propulsion/Energy Conservation (4)**

**American GNC Corporation**

888 Easy Street

Simi Valley, CA 93065

Emily Melgarejo (805) 582-0582

**Louisiana Tech University**

P.O. Box 3168

Ruston, LA 71272

11-1-T10.01-9812 SSC

[Intelligent Distributed and Ubiquitous Health Management System](#) [37]

**Innovative Imaging and Research**

Building 1103, Suite 140C

Stennis Space Center, MS 39529

Mary Pagnutti (228) 688-2452

**The University of Southern Mississippi**

118 College Drive #5157

Hattiesburg, MS 39406

11-1-T10.02-9974 SSC

[Energy Efficient LED Spectrally Matched Smart Lighting](#) [38]

**PC Krause and Associates, Inc.**

3000 Kent Avenue, Suite C1-100

West Lafayette, IN 47906

Dauida Parks (765) 464-8997

**The University of Texas at Austin**

Office of Sponsored Projects

Austin, TX 78713

11-1-T10.02-9815 SSC

[Intelligent Radiative Materials](#) [39]

**Sustainable Innovations, LLC**

160 Oak Street

Glastonbury, CT 06033

Trent Molter (860) 652-9690

**University of Connecticut**

438 Whitney Road, Unit 1133

Storrs, CT 06269

11-1-T10.02-9782 SSC

[Hydrogen-Based Energy Conservation System](#) [40]

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