Proposals Selected for Negotiation of Contracts

Expand All

- **T1 Launch Propulsion Systems (2)**
  
  **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 [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 [2]

- **T3 Space Power and Energy Storage (2)**

  **Extreme Diagnostics, Inc.**
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 [3]

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 [4]

• T4 Robotics, Tele-Robotics and Autonomous Systems (3)

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

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 [6]

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 [7]

- T5 Communication and Navigation (1)
  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
- **T6 Human Health, Life Support and Habitation Systems (1)**
  
  **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](#) [9]

- **T8 Science Instruments, Observatories and Sensor Systems (3)**
  
  **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](#) [10]

  **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 [11]

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 [12]

- T10 Nanotechnology (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 [13]

  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 [14]

- **T11 Modeling, Simulation, Information Technology and Processing (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]

- **T12 Materials, Structures, Mechanical Systems and Manufacturing (6)**
  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 [16]
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 [17]

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 [18]

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]

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* [20]

**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* [21]