Proposals Selected for Negotiation of Contracts

- **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
  15-2-T13.01-9874 SSC
  Integrated Monitoring AWAREness Environment (IM-AWARE) [1]

- **Astrobotic Technology, Inc.**
  2515 Liberty Avenue
  Pittsburgh, PA 15222
  Fraser Kitchell (206) 470-9055

  **Carnegie Mellon University**
  5000 Forbes Avenue
  Pittsburgh, PA 15213
  15-2-T4.02-9888 KSC
  Subsurface Prospecting by Planetary Drones [2]

- **Bluecom Systems And Consulting, LLC**
  801 University Southeast, Suite 100
  Albuquerque, NM 87106
  Sudharman Jayaweera Kankanamge (505) 615-1807

  **The Regents of the University of New Mexico**
• **Brimrose Technology Corporation**
  P.O. Box 616, 19 Loveton Circle
  Sparks, MD 21152
  Diane Murray (936) 588-6901

  **Fisk University**
  1000 Seventeenth Avenue North
  Nashville, TN 37208
  15-2-T8.01-9959 JPL

  **Instrumentation for Multiple Radiation Detection Based On Novel Mercurous Halides for Nuclear Planetology** [4]

• **CFD Research Corporation**
  701 McMillian Way Northwest, Suite D
  Huntsville, AL 35806
  Silvia Harvey (256) 726-4858

  **University of Alabama in Huntsville**
  301 Sparkman Drive Northwest
  Huntsville, AL 35899
  15-2-T6.02-9986 GSFC

  **Improved Forecasting of Solar Particle Events and their Effects on Space Electronics** [5]

• **ChromoLogic, LLC**
  1225 South Shamrock Avenue
  Monrovia, CA 91016
  Naresh Menon (626) 381-9974

  **Caltech**
1200 East California Boulevard
Pasadena, CA 91125
15-2-T8.01-9968 JPL

Multifunctional Environmental Digital Scanning Electron Microprobe (MEDSEM) [6]

- **Garvey Spacecraft Corporation**
  389 Haines Avenue
  Long Beach, CA 90814
  John Garvey (562) 498-2984

**University of Alaska Fairbanks**
903 Koyukuk Drive
Fairbanks, AK 99775
15-2-T1.01-9963 MSFC

NLV Upper Stage Development and Flight Testing [7]

- **Honeybee Robotics, Ltd.**
  Building 128, Suite 121 63 Flushing Avenue Unit 150
  Brooklyn, NY 11205
  Kristian Mueller (626) 421-7902

**University of Central Florida**
4000 Central Florida Boulevard
Orlando, FL 32816
15-2-T4.02-9942 KSC

The World is Not Enough (WINE): Harvesting Local Resources for Eternal Exploration of Space [8]

- **Intelligent Optical Systems, Inc.**
  2520 West 237th Street
  Torrance, CA 90505
  Reuben Sandler (424) 263-6305

**University of North Texas**
1155 Union Circle, #305250
Denton, TX 76203
15-2-T6.01-9992 JSC

Advanced Gas Sensing Technology for Space Suits [9]

- Keystone Synergistic Enterprises, Inc.
  664 Northwest Enterprise Drive, Suite 118
  Port Saint Lucie, FL 34953
  Paul Nassar (772) 209-0125

University of Alabama in Huntsville
  301 Sparkman Drive
  Huntsville, AL 35899
  15-2-T12.04-9941 MSFC

Metal Digital Direct Manufacturing (MDDM) for Close-Out of Combustion Chambers and Nozzle Fabrications [10]

- M4 Engineering, Inc.
  4020 Long Beach Boulevard
  Long Beach, CA 90807
  Myles Baker (562) 305-3391

University of Washington
  4333 Brooklyn Avenue Northeast, P.O. Box 359472
  Seattle, WA 98195
  15-2-T4.01-9910 AFRC


- Materials Research and Design, Inc.
  300 East Swedesford Road
  Wayne, PA 19087
  Brian Sullivan (610) 964-6131

The Rector and Visitors of the University of Virginia
  1001 North Emmet Street, P.O. Box 400195
Charlottesville, VA 22904
15-2-T12.02-9935 GRC

_Ceramic Matrix Composite Environmental Barrier Coating Durability Model_ [12]

- **N5 Sensors, Inc.**
  9610 Medical Center Drive, #200
  Germantown, MD 20874
  Abhishek Motayed (301) 257-6756

_George Mason University_
  4400 University Drive
  Fairfax, VA 22030
  15-2-T6.01-9894 JSC

_Nanoengineered Hybrid Gas Sensors for Spacesuit Monitoring_ [13]

- **Parabilis Space Technologies, Inc.**
  1145 Linda Vista Drive
  San Marcos, CA 92078
  David Streich (855) 727-2245

_Utah State University_
  1415 Old Main Hill
  Logan, UT 84322
  15-2-T1.01-9931 AFRC

_High Performance Hybrid Upper Stage for NanoLaunch Vehicles_ [14]

- **Predictive Science, Inc.**
  9990 Mesa Rim Road, Suite 170
  San Diego, CA 92121
  Lierin Schmidt (858) 450-6494

_University of New Hampshire_
  8 College Road
Durham, NH 3824
15-2-T6.02-9936 GSFC

A Coupled System for Predicting SPE Fluxes [15]

Prime Photonics, LC
1116 South Main Street
Blacksburg, VA 24060
Steve Poland (540) 315-3649

Virginia Tech
North End Center, Suite 4200
Blacksburg, VA 24061
15-2-T12.01-9908 LaRC

Modified Acoustic Emission for Prognostic Health Monitoring [16]

Q-Peak, Inc.
135 South Road
Bedford, MA 1730
B. David Green (978) 689-0003

University of Hawaii
2440 Campus Road, Box 368
Honolulu, HI 96822
15-2-T8.01-9947 GSFC

Compact Laser for In-Situ Compositional Analysis [17]

Solid State Ceramics, Inc.
136 Catawissa Avenue, Suite 30
Williamsport, PA 17701
Cathy Brooke (570) 320-1777

Pennsylvania State University
210 Beecher Dock House
University Park, PA 16802
15-2-T3.01-9926 SSC

**Extreme Environment Ceramic Energy Harvesting/Sensors** [18]

- **TRACLabs, 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, Bldg 23
Moffett Field, CA 94305
15-2-T11.01-9943 ARC

**Adaptive Resource Estimation and Visualization for Planning Robotic Missions** [19]

- **Voxtel, Inc.**
  15985 Northwest Schendel Avenue, Suite 200
  Beaverton, OR 97006
  Debra Ozuna (971) 223-5646

**University of Dayton**

300 College Park
Dayton, OH 45469
15-2-T9.01-9898 LaRC

**Highly Sensitive Flash LADAR Camera** [20]

- **Wavefront, LLC**
  7 Johnston Circle
  Basking Ridge, NJ 7920
  Jie Yao (609) 558-4806

**Utah State University**

1415 Old Main Hill
Logan, UT 84322
15-2-T8.01-9857 LaRC

ShortWave Infrared Focal Plane Technology for Close-Range Active Mineralogy Mapping (SWIFT-CAMM) [21]