Proposals Selected for Negotiation of Contracts

- **Adelphi Technology, LLC**
  2413 Nashville Road, Suite B4
  Bowling Green, KY 42101
  Charles Gary (650) 575-4555

  **Western Kentucky University**
  1906 College Heights Boulevard
  Bowling Green, KY 42101
  20-2-T6.07-5715 KSC

  [Compact Ethylene Monitor for NASA Space Missions](#) [1]

- **ADVR, Inc.**
  2310 University Way, Building 1-1
  Bozeman, MT 59715
  Betsy Heckel (406) 522-0388

  **Lincoln Laboratory**
  244 Wood Street
  Lexington, MA 2420
  20-2-T5.04-5429 GRC

  [High-Purity, High-Rate, Photon Pair Source for Space-Based Entanglement Distribution](#) [2]

- **ADVR, Inc.**
  2310 University Way, Building 1-1
  Bozeman, MT 59715
  Betsy Heckel (406) 522-0388

  **University of Illinois at Urbana-Champaign**
1901 South First Street, Suite A
Champaign, IL 61820
20-2-T8.06-5430 GSFC

Tunable Narrow-Band Bi-Photon Source in IR Spectral Region for Calibration of High-Performance Transition-Edge Sensors [3]

- **Amethyst Research, Inc.**
  123 Case Circle
  Ardmore, OK 73401
  Jeff Enter (580) 657-2575

**University of California - Santa Barbara**
3227 Cheadle Hall, Office of Research
Santa Barbara, CA 93106
20-2-T5.04-6397 GSFC

Ultra-Efficient Integrated Photonic Quantum Transceiver for High-Speed Quantum Communications [4]

- **Combustion Research and Flow Technology**
  6210 Keller's Church Road
  Pipersville, PA 18947
  Neeraj Sinha (215) 766-1520

**UCONN**
2152 Hillside Road, Unit 3046
Storrs, CT 6269
20-2-T2.05-4812 GRC

Design of Spray Cooling Systems for Chilldown of Propellant Tanks [5]

- **Convergent Manufacturing Technologies US**
  1101 North Northlake Way, Suite 200
  Seattle, WA 98103
  Kara Jackson (425) 374-0302

**University of Washington**
4333 Brooklyn Avenue Northeast, P.O. Box 359472
Seattle, WA 98195
20-2-T12.01-4586 LaRC

Process Simulation & Optimization for Thin-Ply Composites [6]

• CubCrafters Inc.
  1918 South 16th Avenue
  Yakima, WA 98903
  Patrick Horgan (509) 895-9465

  Oklahoma State University-Main Campus
  107 Whitehurst
  Stillwater, OK 74078
  20-2-T15.04-5017 AFRC
  
  ELAS, Electric Lift Augmenting Slats [7]

• Electro Magnetic Applications
  7655 West Mississippi Avenue, Suite 300
  Lakewood, CO 80226
  Emily Hennerberg (720) 974-1215

  Board of Trustees of the University of Illinois (at Urbana-Champaign)
  SPA, 1901 South First Street, Suite A
  Champaign, IL 61820
  20-2-T5.03-5050 KSC
  
  Numerical Simulation of Fields in Cavities with Detailed Antenna Modeling [8]

• Goodman Technologies, LLC
  9551 Giddings Avenue Northeast
  Albuquerque, NM 87109
  William Goodman (505) 400-8169

  University of Hawaii at Manoa
  2500 Campus Road
Honolulu, HI 96822
20-2-T12.05-5275 JSC

Moldable and Curable Silicon Carbide Prepreg For Hypersonic Thermal Protection Systems [9]

- **Innosense, LLC**
  2531 West 237th Street, Suite 127
  Torrance, CA 90505
  Kisholoy Goswami (310) 530-2011

**Yale University**
150 Munson Street
New Haven, CT 6511
20-2-T6.06-4928 JSC

Nanomaterials Based In-Line Sensor for Ionic Silver in Spacecraft Potable Water Systems [10]

- **Interstel Technologies, Inc.**
  91-1036 Waiilikahi Street
  Ewa Beach, HI 96706
  Miguel Nunes (808) 388-1176

**University of Hawaii at Manoa**
2500 Campus Road
Honolulu, HI 96822
20-2-T4.03-5557 JPL

Cooperative Control and Localization of Multiple Spacecraft using a Multi-Agent Mission Operations System [11]

- **Little Prairie Services**
  14 Dunkin Road
  Edgewood, NM 87015
  Roger Lenard (505) 220-8029

**Massachusetts Institute of Technology**
77 Massachusetts Avenue, North East 18-901
Cambridge, MA 2139
20-2-T2.04-6118 MSFC

NTR Fuel Testing in MIT Reactor Facilities [12]

• **Nanohmics, Inc.**
  
  6201 East Oltorf Street, Suite 400
  
  Austin, TX 78741
  
  Mike Mayo (512) 389-9990

  **The University of Texas at Dallas**
  
  800 West Campbell Road
  
  Richardson, TX 75080
  
  20-2-T8.06-5681 GSFC

  On-Demand Single-Photon Sources for Correlated Calibration of Single Photon Detectors [13]

• **Orbit Logic, Inc.**
  
  7852 Walker Drive
  
  Greenbelt, MD 20770
  
  Ella Herz (301) 982-6234

  **Regents of the University of Colorado**
  
  University of Colorado
  
  Boulder, CO 80309
  
  20-2-T4.03-5760 JPL


• **Particle Matters, Inc.**
  
  2324 Venndale Avenue
  
  San Jose, CA 95124
  
  Sergey Gimelshein (818) 527-5432

  **Stanford University**
  
  3160 Porter Drive Suite 100
Palo Alto, CA 94304
20-2-T2.04-5261 MSFC


- Physical Sciences, Inc.
  20 New England Business Center
  Andover, MA 1810
  William Marinelli (978) 738-8226

Auburn University
  23 Samford Hall
  Auburn, AL 36849
  20-2-T13.01-5309 SSC

Intelligent Sensor System for Rocket Propulsion Testing [16]

- Precision Combustion, Inc.
  410 Sackett Point Road
  North Haven, CT 6473
  Anthony Anderson (203) 287-3700

UCONN
  2152 Hillside Road, Unit 3046
  Storrs, CT 6269
  20-2-T2.05-5203 GRC

Pressure and Low Temperature Tolerant, High Current Density Solid Electrolyte for Propellant Grade Reactants [17]

- QuesTek Innovations, LLC
  1820 Ridge Avenue
  Evanston, IL 60201
  Padma Kotaru (847) 425-8216

Northwestern University
  633 Clark Street
Evanston, IL 60208
20-2-T12.06-5463 JPL

Improved Part-Scale Modeling of Additive Manufacturing Processes [18]

- Systems and Proposal Engineering Company (dba SPEC Innovations)
  10440 Balls Ford Road, Suite 230
  Manassas, VA 20109
  Cynthia Mahugh-Dam (571) 485-7806

George Mason University
4400 University Drive
Fairfax, VA 22030
20-2-T11.04-5376 LaRC

Analytic Standard Operating Procedure Digital Assistant (ASOPDA) [19]

- TRACLabs, Inc.
  100 North East Loop 410, Suite 520
  San Antonio, TX 78216
  David Kortenkamp (281) 461-7886

Johns Hopkins University Applied Physics Laboratory LLC
11100 Johns Hopkins Road
Laurel, MD 21044
20-2-T4.01-5037 ARC

The BRASH Integration Toolkit for ROS2 and Flight Software Interoperability [20]