Proposals Selected for Negotiation of Contracts

- **T1 Ames Research Center (4)**
  
  Cleveland BioLabs, Inc.
  
  11000 Cedar Avenue, Suite 290
  
  Cleveland, OH 44106
  
  Jack Marhofer (216) 229-2251
  
  Cleveland Clinic Foundation
  
  9500 Euclid Avenue
  
  Cleveland, OH 44195
  
  05-1-T1.02-9719 ARC
  
  Assessment of Protective Properties of Optimized Flagellin Derivative Against Biologically Harmful Effects of Ionizing Irradiation During Space Flight [1]
  
  Kestrel Technology LLC
  
  4984 El Camino Real, #230
  
  Los Altos, CA 94022
  
  John Anton (650) 320-8888
  
  Jet Propulsion Laboratory
  
  4800 Oak Grove Dr., MS 301-270
  
  Pasadena, CA 91109
  
  05-1-T1.01-9797 ARC
  
  Mitigating Software Failures with Distributed and Recovery-Oriented Flight System Architectures [2]
  
  Pirouette Software Consulting
  
  1030 N. State St., Suite 40C
  
  Chicago, IL 60610
  
  Ouri Wolfson (312) 664-0069
Board of Trustees, University of Illinois at Chicago
MB 502, M/C 551, 809 South Marshfield Avenue
Chicago, IL 60612
05-1-T1.01-9922 ARC

**MOBI-DIC: MOBiLe Dissemination of loCal information in Peer-to-Peer Wireless Networks** [3]

Redefine Technologies
, CO 00000
Steven Wichman (720) 317-5182

The Regents of the University of Colorado
UCB 572, 3100 Marine Street, Room 481
Boulder, CO 80309
05-1-T1.01-9742 ARC

**Triple3 Redundant Spacecraft Subsystems (T3RSS)** [4]

- **T2 Dryden Flight Research Center (4)**

  **BARRON ASSOCIATES, INC.**
  1410 Sachem Place, Suite 202
  Charlottesville, VA 22901
  Connie Hoover (434) 973-1215

  **University of Virginia**
  PO Box 400195
  Charlottesville, VA 22904
  05-1-T2.02-9831 AFRC

  **Active Flow Control with Adaptive Design Techniques for Improved Aircraft Safety** [5]

  **Migma Systems, Inc.**
  1600 Providence Highway
  Walpole, MA 02081
  Bo Ling (508) 660-0328
Louisiana State University
Department of Mechanical Engineering
Baton Rouge, LA 70803
05-1-T2.02-9859 AFRC

Online Real-Time Tribology Failure Detection System [6]

Stirling Dynamics, Inc.
, WA 00000
Dennis Messenger (425) 827-7476

University of Washington
P.O. Box 352400
Seattle, WA 98195
05-1-T2.01-9887 AFRC


Tao of Systems Integration, Inc.
, VA 00000
Siva Mangalam (757) 220-5040

University of Florida
P.O. Box 116250, 231 Aerospace Building
Gainesville, FL 32611
05-1-T2.02-9796 AFRC

Integrated Sensing and Control of Aeroelastic Deformation (ISCAD) Toolbox [8]

- T3 Glenn Research Center (4)

Anvik Corporation
6 Skyline Drive
Hawthorne, NY 10532
Kanti Jain (914) 345-2442

University of Illinois at Urbana-Champaign
Highly-Integrated, Reconfigurable, Large-Area, Flexible Radar Antenna Arrays

ENTECH, Inc.
1077 Chisolm Trail
Keller, TX 76248
Mark O'Neill (817) 379-0100

Auburn University
231 Leach Center
Auburn University, AL 36849
Mark O'Neill (817) 379-0100

Invocon, Inc.
19221 I-45 South, Suite 530
Conroe, TX 77385
Mary Pate (281) 292-9903

University of Colorado
572 UCB
Boulder, CO 80309
Gregory Piefer (608) 345-3779

Phoenix Nuclear Labs
8123 Forsythia Street Suite 140
Madison, WI 53562
Gregory Piefer (608) 345-3779

University of Wisconsin-Madison
301 N. Whitney Way
Madison, WI 53706
05-1-T3.02-9700 GRC

Non-ambipolar Electron Source [12]

- T4 Goddard Space Flight Center (4)
  Advanced Powder Solutions
  10010 Cucklebur
  Houston, TX 77095
  Dean Baker (661) 373-1729

  Northwestern University
  633 Clark Street 2-545
  Evanston, IL 60208
  05-1-T4.02-9791 GSFC

  Low Cost, Light Weight Materials for Mirrors [13]

  Atlas Scientific
  1367 Camino Robles Way
  San Jose, CA 95120
  Ali Kashani (408) 507-0906

  San Francisco State University
  1600 Holloway Avenue
  San Francisco, CA 94132
  05-1-T4.02-9982 GSFC

  Integration of Superconducting Electrical and Thermal Circuits for Microscale Cooling [14]

  Decisive Analytics Corporation
  1235 South Clark Street, Suite 400
  Arlington, VA 22202
  Kelly McClelland (703) 414-5024

  Louisiana State University
  Office of Sponsored Programs, 330 Thomas Boyd Hall
  Baton Rouge, LA 70803
05-1-T4.02-9864 GSFC

Interfacing the Paramesh Computational Libraries to the Cactus Computational Framework [15]

III-N Technology, Inc.
2601 Anderson Ave, Suite 102
Manhattan, KS 66502
Jing Li (785) 341-4484

Kansas State University
2 Fairchild Hall, KSU
Manhattan, KS 66506
05-1-T4.02-9903 GSFC

AlN Based Extreme Ultraviolet (EUV) Detectors [16]

• T5 Johnson Space Center (4)
  Agave BioSystems Inc
  PO Box 100
  Ithaca, NY 14851
  Noe Salazar (512) 656-6200

  Universities Space Research Association
  10211 Wincopin Circle, Suite 500
  Columbia, MD 21044
  05-1-T5.01-9807 JSC

  Carbon Nanotube-Based Adsorbents for Ultrafine Particulate and Volatile Air Contaminants [17]

  HPN Software Consultant, Inc.
  18519 Egret Bay, Suite 1509
  Houston, TX 77058
  Heidi Nguyen (281) 333-3846

  Stanford University School of Medicine
  701A Welch Road, Suite 1128
Advanced 3D Human Simulation Components with Thermal/Haptic Feedback and Tissue Deformation [18]

Mainstream Engineering Corporation
200 Yellow Pl
Rockledge, FL 32955
Michael Rizzo (321) 631-3550

Universities Research Association
10211 Wincopin Circle, Suite 500
Columbia, MD 21044
05-1-T5.01-9896 JSC
Demonstration of Silicon/Carbon Nanostructured Electrodes in Li-Ion Batteries [19]

Mide Technology Corporation
200 Boston Avenue, Suite 1000
Medford, MA 02155
Petra Botha (781) 306-0609

Massachusetts Institute of Technology
77 Massachusetts Avenue
Cambridge, MA 02139
05-1-T5.01-9766 JSC
Shape Memory Bio-Suit [20]

T6 Kennedy Space Center (3)

Applied Sensor Research & Development Corporation
, MD 00000
Jacqueline Hines (410) 991-4345

University of Central Florida
4000 Central Florida Boulevard
Orlando, FL 32816
05-1-T6.02-9879 KSC


Applied Sensor Research & Development Corporation
, MD 00000
Jacqueline Hines (410) 991-4345

University of Central Florida
4000 University Boulevard
Orlando, FL 32816
05-1-T6.02-9878 KSC

Passive Wireless Cryogenic Liquid Level Sensors Using Orthogonal Frequency Coded Acoustic Wave Devices [22]

NVE CORPORATION
11409 Valley View Road
Eden Prairie, MN 55344
Richard George (952) 996-1602

Oregon State University
312 Kerr Administration Building
Corvallis, OR 97331
05-1-T6.02-9854 KSC

Wireless Magnetic Sensor with Orthogonal Frequency Coding [23]

- T7 Langley Research Center (4)
  Advanced Ceramics Research, Inc.
  3292 E Hemisphere Loop
  Tucson, AZ 85706
  Brett Waldo (520) 573-6300

  Arizona Board of Regents, University of Arizona
  888 North Euclid Avenue, #515
  Tucson, AZ 85719
05-1-T7.01-9727 LaRC

Dynamically Scaled Model for NASA's Next Generation Aviation Demonstrator [24]

Bossa Nova Technologies LLC
606 B Venice Blvd
Venice, CA 90291
Bruno Pouet (310) 577-8113

Boston University
110 Cummington Street
Boston, MA 02215
05-1-T7.02-9877 LaRC

Portable Light-Weight Laser Ultrasonic System for Multi-Purpose NDT [25]

James R Gloudemans
2309 Clipper Street
San Mateo, CA 94403
James Gloudemans (650) 358-9090

Georgia Tech Research Corp.
505 10th Street, NW
Atlanta, GA 30332
05-1-T7.01-9925 LaRC


Luna Innovations Incorporated
1 Riverside Circle, Suite 400
Roanoke, VA 24016
Crystal Woodruff (540) 552-5128

Virginia Polytechnic Institute and State University
460 Turner Street, Suite 306
Blacksburg, VA 24060
05-1-T7.02-9804 LaRC
A Highly Integrated Multi-Parameter Distributed Fiber-Optic Instrumentation System [27]

- T8 Marshall Space Flight Center (4)
  3TEX, Inc.
  109 MacKenan Drive
  Cary, NC 27511
  Andrew Watson (919) 481-2500

  Oak Ridge National Laboratories
  1 Bethel Valley Road
  Oak Ridge, TN 00000
  05-1-T8.01-9697 MSFC
  Gradient Interphase, 3-D Fiber Architecture CMC's [28]

  CFD Research Corporation
  215 Wynn Dr.
  Huntsville, AL 35805
  Ashok Singhal (256) 726-4858

  Mississippi State University
  Box 9637 300 Butler Hall
  Mississippi State, MS 39762
  05-1-T8.02-9812 MSFC
  Advanced Nongray Radiation Module in the LOCI Framework for Combustion CFD [29]

  HYPERCOMP ENGINEERING, INC.
  1080 North Main, Suite #2
  Brigham City, UT 84302
  Jared Noorda (435) 734-1166

  Utah State University
  1415 Old Main Hill
  Logan, UT 84322
  05-1-T8.01-9856 MSFC

Plasma Processes, LLC.
4914 Moores Mill Road
Huntsville, AL 35811
Timothy McKechnie (256) 851-7653

Florida International University
11200 SW 8th St (MARC 430)
Miami, FL 33199
05-1-T8.01-9833 MSFC

Innovative Molybdenum Alloy for Extreme Operating Conditions [31]

- T9 Stennis Space Center (4)
  2L Research
  190 Green Valley Road
  Owens Cross Roads, AL 35763
  LUIS LOPEZ (256) 656-9652

University of Alabama
Box 870104
Tuscaloosa, AL 35487
05-1-T9.01-9891 SSC

Intelligent Agents for Improved Ground-Test Operations [32]

Aurora Flight Sciences Corporation
9950 Wakeman Drive
Manassas, VA 20110
Pamela Moriarty (617) 868-8086

Massachusetts Institute of Technology
77 Massachusetts Avenue
Cambridge, MA 02139
05-1-T9.02-9918 SSC

Rule-Based Analytic Asset Management for Space Exploration Systems (RAMSES)

Cook's Advanced Energy Conversion, LLC
109-A Garrard Road
Starkville, MS 39759
Robert Cook (662) 323-2666

Mississippi State University
205 Research Park
Mississippi State, MS 39762
05-1-T9.01-9993 SSC

Hydrocarbon Rocket Engine Plume Imaging with Laser Induced Incandescence

Sierra Engineering, Inc.
, NV 00000
Margo Hornung (775) 888-8952

Purdue University, Sponsored Program Services
302 Wood St.
West Lafayette, IN 47907
05-1-T9.01-9767 SSC

Plume Diagnostics for Combustion Stability

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