

Required Services	Performance Standards	Acceptable Quality Level	Performance Measurement	Estimated Workload	Method of Surveillance
	Organize data and prepare spreadsheets and tracking reports.	Spreadsheets and reports are accurate and timely and include required data.	After initial training spreadsheets and reports require less than 2% rework.	Minimum of 10 hours per week.	Sub-COTR and government task leader review progress and products in terms of Task Order requirements and customer satisfaction.
	Complete JA Job Request Form assignments.	Completes assignments accurately within dates requested.	95% Excellent 80% Minimum	Varies: 50-75 requests would be normal. Type of requests will vary.	Spot check; customer satisfaction.
	Maintain office supply materials and stock and track utilization and cost.	Supplies and stock are maintained and utilization and cost reports are accurate and timely.	Supplies and stock are ordered within 24 hours and available as needed 95% is excellent. 80% is minimum.	Two hours per week.	Sub-COTR and government task leader review progress and products in terms of Task Order requirements and customer satisfaction.
	Screens purchase requests (PR's) for accuracy and completeness.	Screened PR's are ready for contract specialist or purchasing agent to begin procurement process.	PR's are screened within 4 working hours of receipt. 95% is excellent. 80% is minimum.	300-500 PR's per month.	Spot check with JA Branch Chiefs that performance is timely and accurate.

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<b>SOW 4.3.2 University Grants Services</b>	Process grants and cooperative agreements.	Grants processing and documentation meet requirements of the NASA Grants and Cooperative Agreement Handbook.	New awards and renewals are processed within 3-5 working days from receipt of complete purchase request package; supplements are processed within 1-3 working days from receipt of complete purchase request package.	Approximately 800 actions per year including 25% new awards and 75% renewals.	Sub-COTR and government task leader review progress and products in terms of Task Order requirements and customer satisfaction.
	Process and administer Intergovernmental Personnel Act (IPA).	Coordinate, review, and finalize IPA documentation.	New awards and renewals are processed within 2 weeks of receipt of all documentation and funds.	Approximately 25 new actions and 12 extensions annually.	Sub-COTR and government task leader review progress and products in terms of T.O. requirements and customer satisfaction.
	Grants—Follow-up on expiring grants with grant recipients and NASA Task Monitors.	Technical monitor will be contacted two months prior to expiration of grant.	95% is excellent; 80% is minimum	40-50 grants expire each month.	Contractor monthly report based on log sheet of calls. Spot check grant recipients and task monitors.

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<b>SOW 4.4.1 Minority &amp; Women- Focused Programs</b>					
<ul style="list-style-type: none"> <li>• Recruitment Program Development</li> </ul>	Develop and implement a program and process for recruitment, evaluation, and referral of minority and women candidates.	Consistent with HQ Code E, Equal Employment Opportunity (EEOC), and ARC standards, requirements, and techniques	Program/ process is documented, approved by Center management, implemented, and evaluated in terms of efficiency and effectiveness in recruitment of minority and women candidates.	Minimum of 2 full formal recruitment cycles per year.	COTR Review of progress, products, and results in terms of Task Order requirements.
	Maintain liaison with colleges and universities and local and national multicultural interest groups.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques	Program/ process is documented, approved by Center management, implemented, and evaluated in terms of efficiency and effectiveness in recruitment of minority and women candidates.	Continuing requirement involving contacts with 50 or more recruitment sources.	COTR Review of progress, products, and results in terms of Task Order requirements.

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• Special Emphasis/ Advisory Group and Committee Support	Track and prepare reports on recruitment data.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques.	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Minimum of 4 reports per year.	COTR Review of progress, products, and results in terms of Task Order requirements.
• Student Programs	Participate in meetings and provide support for various special emphasis/ advisory groups and committees including events and projects.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques.	Support is responsive to group and committee needs and reflects understanding of EEO and ARC standards, requirements, and techniques.	Minimum of 1-2 meetings per week and 12 events/projects per year.	COTR Review of progress, products, and results in terms of Task Order requirements.
	Provide support, compile data, and prepare reports of under-representation in student programs.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques.	Number of reports requested and prepared per year.	Minimum of 24 reports per year.	COTR Review of progress, products, and results in terms of Task Order requirements.

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<b>SOW 4.4.2 Statistical Analyses and Reports</b>					
<ul style="list-style-type: none"> <li>Ames Affirmative Employment and Diversity Plan (AEDP) Reports</li> </ul>	Respond to requests for data analysis and reports on workforce underrepresentation including student programs.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques.	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Minimum of 2 reports per year.	COTR Review of progress, products, and results in terms of Task Order requirements.
<ul style="list-style-type: none"> <li>Under-representation Workforce Reports</li> </ul>	Perform standard deviation and parity analyses of NASA-Ames professional, administrative, technical, and clerical workforce statistics compared to the Civilian Labor Force and prepare charts and reports.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques.	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Minimum of 8 reports per year.	COTR Review of progress, products, and results in terms of Task Order requirements.

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• Vacancy Announcement Reports	Perform statistical analyses of under-representation in Center vacancy announcements and prepare reports.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques .	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Minimum of 26 bi-weekly reports per year.	COTR Review of progress, products, and results in terms of Task Order requirements.
• Center Assessment Reports	Gather data and prepare Center Assessment reports.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques .	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Minimum of 1 report per year.	COTR Review of progress, products, and results in terms of Task Order requirements.
• Women and Minorities Reports	Gather data and prepare Women and Minorities reports.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques.	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Minimum of 24 reports per year.	COTR Review of progress, products, and results in terms of Task Order requirements.
• Workforce Profile Reports	Gather data and prepare Workforce Profile reports.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques.	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Minimum of 4 reports per year.	COTR Review of progress, products, and results in terms of Task Order requirements.

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• Hispanic Engineer Profile Report	Gather data and prepare Hispanic Engineer Profile reports.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques.	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Minimum of 1 report per year.	COTR Review of progress, products, and results in terms of Task Order requirements.
• Hispanic Workforce Profile Reports	Gather data and prepare Hispanic Workforce Profile reports.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques.	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Minimum of 2 reports per year.	COTR Review of progress, products, and results in terms of Task Order requirements.
• Miscellaneous Reports	Gather data and prepare miscellaneous routine and one-time reports.	Consistent with HQ Code E, EEOC, and ARC standards, requirements, and techniques.	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Minimum of 12 reports per year.	COTR Review of progress, products, and results in terms of Task Order requirements.
• Network Administration, Information Systems, and Equipment Planning	Plan, develop, maintain, coordinate, and report on IT systems and equipment.	Consistent with ARC programs, systems, requirements, and techniques.	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Minimum of 2 reports per year.	COTR Review of progress, products, and results in terms of Task Order requirements.
• Property Management	Plan, develop, maintain, track, and report miscellaneous assigned property.	Consistent with ARC programs, systems, requirements, and techniques.	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Minimum of 1 report per year.	COTR Review of progress, products, and results in terms of Task Order requirements.

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<b>SOW 4.5.1 Commercial Technology Office (CTO) Inreach, Outreach &amp; Training</b>					
<ul style="list-style-type: none"> <li>• Preparing manuscripts of technical reports (TOS), documents and papers for publications.</li> </ul>	Professional writing, editing, proofreading, for technical and non-technical documentation.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Support presentations, reports, articles, analytical studies, manuscripts, meeting summaries and action lists.</li> </ul>	Professional writing, editing, proofreading, and electronic page layout services for technical documentation.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Assist with all materials and documentation in support of CTO conferences and meetings.</li> </ul>	Professional writing, editing, proofreading, for technical and non-technical documentation.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Collect metrics of events, publications, awards, success stories.</li> </ul>	Professional writing, editing, proofreading, for technical and non-technical documentation.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Support all documentation needed for partnership ceremonies and award ceremonies.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Support all materials and documentation necessary for CTO program and other NASA organizations.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Support all materials and documentation necessary in the facilitation of partnerships with outside organizations.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.



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<b>SOW 4.5.2 CTO Commercialization Support</b>					
<ul style="list-style-type: none"> <li>Assist with presentations, reports, articles, analytical studies, manuscripts, meeting summaries and action lists.</li> </ul>	Professional writing, editing, proofreading, and electronic page layout services for technical documentation.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>Support presentations, white papers, reports and articles.</li> </ul>	Professional writing, editing, proofreading, for technical and non-technical documentation.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>Prepare manuscripts of technical reports, documents and papers ready for publication inside/outside community.</li> </ul>	Professional writing, editing, proofreading, for technical and non-technical documentation.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>Support all materials and documentation in the execution of commercial agreements generated through various commercial technology processes.</li> </ul>	Professional writing, editing, proofreading, for technical and non-technical documentation.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>Provide assistance with Space Act Agreements and licensing.</li> </ul>	Professional writing, editing, proofreading, for technical and non-technical documentation.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>Collect metrics/reports in support of CTO program.</li> </ul>	Professional writing, editing, proofreading, for technical and non-technical documentation.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.

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<ul style="list-style-type: none"> <li>Support all materials and documentation for CTO conferences and meetings</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<b>SOW 4.5.3 CTO Information Technology and Administrative Support</b>					
<ul style="list-style-type: none"> <li>Maintain and update the TechTracS database, recommend improvements, provide training and support.</li> </ul>	Professional writing, editing, proofreading, database and computer proficiency.	Completeness to customer satisfaction.	Customer deadlines and specifications.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>Track ODIN, refresh changes, additions.</li> </ul>	Professional writing, editing, proofreading, database and computer proficiency.	Completeness to customer satisfaction.	Customer deadlines and specifications.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>Track NASA property.</li> </ul>	Professional writing, editing, proofreading, database and computer proficiency.	Completeness to customer satisfaction.	Customer deadlines and specifications.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>Update and support the CTO Web site.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>Maintain/support spreadsheets, presentations, reports, action lists as related to resources.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>Collect metrics/reports in support of CTO program.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.

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<b>SOW 4.5.4</b>					
<b>Agreements, Contracts and Grants Administrative Support</b>					
<ul style="list-style-type: none"> <li>• Support all materials required for projects such as partnership status, required actions and agreements status.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Support all materials and documentation necessary for CTO program with other NASA organizations.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Support all materials and documentation necessary in the facilitation of partnerships with outside organizations.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Customer deadlines and specifications.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Support all materials and documentation in the execution of commercial agreements generated through the various commercial technology processes.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Customer deadlines and specifications.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Collect metrics/reports in support of CTO program.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Customer deadlines and specifications.	On-going effort.	Review by customer.
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<b>SOW 4.5.5</b>					
<b>Small Business Innovative Research (SBIR)/Small Business Technology Transfer (STTR)</b>					

**Program Support**

- Support all materials and documentation for SBIR/STTR meetings, conferences, workshops, etc.
- Facilitate/monitor SBIR/STTR reports, topics/subtopics, logs, proposals, funding requirements, milestones, etc.
- Assist with presentations, reports, meeting summaries, action lists.
- Collect metrics/reports in support of SBIR/STTR and CTO programs.

Professional writing, editing, proofreading, database and computer knowledge.

Professional writing, editing, proofreading, database and computer knowledge.

Professional writing, editing, proofreading, database and computer knowledge.

Professional writing, editing, proofreading, database and computer knowledge.

Completeness to customer satisfaction.

Completeness to customer satisfaction.

Completeness to customer satisfaction.

Completeness to customer satisfaction.

Customer deadlines and specifications.

Customer deadlines and specifications.

Customer deadlines and specifications.

Customer deadlines and specifications.

On-going effort.

On-going effort.

On-going effort.

On-going effort.

Review by customer.

Review by customer.

Review by customer.

Review by customer.

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<b>SOW 4.6.1 Public Affairs Outreach Programs</b>					
• 4.6.1.1 Visitor Center and Hangar 1 Annex.	Develop & implement a program and process for planning, displaying, coordinating, acquiring, and maintaining Ames and NASA aeronautics, space, information technology, and other exhibits at the Ames Visitor Center and Hangar 1 Annex facilities.	Consistent with NASA, Ames, government, and industry policies, standards, requirements, and techniques.	Program/ process is documented, approved by Center management, implemented, and evaluated in terms of efficiency and effectiveness in informing and educating the public.	Minimum of 30 technically diverse exhibits ranging from showcase-size to full-size aircraft. Visitor Center and Hangar 1 Annex to be operated daily from 8:00-4:30 weekdays; Hangar 1 also open on Saturday.	COTR Review of progress, products, and results in terms of Task Order requirements and public interest and acceptance.
• 4.6.1.2 Tour Program.	Plan, coordinate, schedule, book, confirm, & conduct educational and public tours from the Visitor Center and the Hangar 1 Annex facility.  Provide tour guides qualified in public contact and cognizant of historical and contemporary aerospace.	Consistent with NASA, Ames, government, and industry policies, standards, requirements, and techniques.	Services are evaluated in terms of efficiency and effectiveness in informing and educating the public.	Continuing requirement for conducting tours twice daily during the week from the Visitor Center and twice daily during the week including Saturday from the Hangar 1 Annex facility.	COTR Review of progress, products, and results in terms of Task Order requirements and public interest and acceptance.

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<ul style="list-style-type: none"> <li>• 4.6.1.3 Exhibit and Event Services.</li> </ul>	Support conceptual, design, implementation, and presentation requirements for exhibits and events.	Consistent with NASA, Ames, government, and industry policies, standards, requirements, and techniques.	Services are documented, approved by Center management, implemented, and evaluated in terms of efficiency and effectiveness in informing and educating the public.	Continuing requirement for services supporting exhibits and events selection, design, and display.	COTR Review of progress, products, and results in terms of Task Order requirements and public interest and acceptance.
<ul style="list-style-type: none"> <li>• 4.6.1.4 Other Outreach and Public Service Programs.</li> </ul>	Support full range of programs and activities involved in outreach and public service programs representing NASA research and facilities to the general public.	Consistent with NASA, Ames, government, and industry policies, standards, requirements, and techniques.	Services are documented, approved by Center management, implemented, and evaluated in terms of efficiency and effectiveness in informing and educating the public.	Continuing requirement for services supporting outreach and public service programs.	COTR Review of progress, products, and results in terms of Task Order requirements.
<b>SOW 4.6.2</b> <b>Freedom of Information Act (FOIA) Services</b>	Provide support in processing FOIA requests including electronic media. Provide expertise for web site development, maintenance and monitoring. Track and maintain database on FOIA from date of receipt through final response.	Consistent with Federal laws and regulations, NASA policies, procedures, and requirements.	Replies are timely, accurate, responsive to requested information, and conform with regulatory guidelines.	Minimum of 24 FOIA requests per year.	COTR Review of progress, products, and results in terms of Task Order requirements.

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<b>SOW 4.6.3 Media Services Support</b>					
• 4.6.3.1 Media Escorts	Provide on-site escort services for representatives from various media sources including orientation, transportation, scheduling, and conducting tours, and provision of required information, materials, and documents.	Consistent with NASA, ARC, electronic media and information industry policies, standards, requirements, and techniques.	Services and products are timely, accurate, appropriate, and responsive to task requirements.	Services are required intermittently throughout the year.	COTR Review of progress, products, and results in terms of Task Order requirements.
• 4.6.3.2 Internet Services	Coordinate and conduct all responses to external inquiries received on the Internet by the Public Affairs Office. Research, develop, and respond to such inquiries or provide existing electronic fact sheets, responses, and other information materials as appropriate. Maintain, develop, and update Public Affairs Office web site and home pages.	Consistent with NASA, ARC, electronic media and Internet protocols, standards, requirements, and techniques.	Services and products are timely, accurate, appropriate, and responsive to task requirements.	Services are required throughout the year.	COTR Review of progress, products, and results in terms of Task Order requirements..

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<ul style="list-style-type: none"> <li>4.6.3.3 Miscellaneous Writing Tasks</li> </ul>	<p>Draft written responses to inquiries, prepare pamphlets, brochures, articles, and miscellaneous presentation routine and one-time reports.</p>	<p>Consistent with NASA, Ames, government, and industry policies, standards, requirements, and techniques.</p>	<p>Services and products are timely, accurate, appropriate, and responsive to task requirements.</p>	<p>Services are required intermittently throughout the year.</p>	<p>COTR Review of progress, products, and results in terms of Task Order requirements.</p>
<ul style="list-style-type: none"> <li>4.6.3.4 Administrative Support Tasks</li> </ul>	<p>Schedule and coordinate public events with media staff schedules; facilitate resource and event activities; perform information and data gathering, documentation and report generation, database development, and related functions.</p>	<p>Consistent with ARC programs, systems, requirements and techniques.</p>	<p>Services and products are timely, accurate, appropriate, and responsive to task requirements.</p>	<p>Services are required intermittently throughout the year.</p>	<p>COTR Review of progress, products, and results in terms of Task Order requirements.</p>



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<b>Office of Chief Counsel</b> <b>SOW 4.7.1</b> <b>Library Operations</b>	<p>Library should be maintained in a professional manner and in accordance with generally accepted legal standards.</p> <p>Appropriate NASA personnel should be notified when purchases or loans are required, and the proper NASA procedures shall be followed.</p> <p>Legal reference materials shall be updated in an expeditious manner, usually NTE 30 days from time of receipt of updated materials.</p>	<p>Attorneys and customers need prompt and accurate reviews of legal material.</p> <p>Attorney/Customer satisfaction is primary criterion for acceptable performance including quick access to accurate materials in order to meet deadlines.</p>	<p>Attorney and customer deadlines and specifications.</p>	<p>Continuous monitoring of legal information and update materials.</p> <p>Law library contains approximately 10,000 volumes, including approximately 100 subscriptions and loose-leaf services.</p>	<p>Review by Office of Chief Counsel management and attorneys .</p>

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<b>SOW 4.7.2</b> <b>Legal Research</b>	<p>Legal research should be performed in a professional manner and in accordance with generally accepted legal standards. New and cost effective means of performing research should be used when appropriate.</p>	<p>Attorneys are required to provide prompt and accurate legal support and must be able to rely on material provided by the contractor. Attorney/Customer satisfaction is primary criterion for acceptable performance - including the ability to use contractor provided material to meet deadlines.</p>	<p>Attorney and customer deadlines and specifications.</p>	<p>Respond to requests for legal research or assistance as needed. Contractor should expect multiple requests during a day.</p>	<p>Review by Office of Chief Counsel management and attorneys.</p>
<b>SOW 4.7.3</b> <b>Other Administrative Support</b>	<p>Timely and accurate administrative support.</p>	<p>Attorney/Customer satisfaction in receiving prompt administrative support is primary criterion for acceptable performance.</p>	<p>Attorney and customer deadlines and specifications.</p>	<p>Respond to requests for administrative support as needed.</p>	<p>Review by Office of Chief Counsel management and attorneys.</p>

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<b>SOW 4.8</b> <b>Assistant</b> <b>Director for</b> <b>Development</b>					
<ul style="list-style-type: none"> <li>• Provide administrative support to the California Air and Space Center (CASC) and Moffett Development Function.</li> </ul>	Professional writing, editing, proofreading, database and computer proficiency.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Maintain office files and correspondence.</li> </ul>	Professional writing, editing, proofreading, database and computer proficiency.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Maintain Project Manager's Calendar.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Facilitate communication with NASA Research Park (NRP) tenants.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.

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<ul style="list-style-type: none"> <li>• Serve as a liaison between Code D and potential Resident Partners for the NRP for building conditions and related issues.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge, good communication and interpersonal skills.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Inform Code D and Resident Partners of potential structural, code violations and hazardous material concerns.</li> </ul>	Professional writing, editing, proofreading, database and computer proficiency. Knowledge of California Uniform Building, Electrical, Mechanical Plumbing and Fire Codes.	Completeness to customer satisfaction.	Timeliness, quality, technical accuracy.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Prepare and track service requirements for maintenance and repair of unassigned buildings and spaces, safety, industrial hygiene and environmental sampling and abatement needs.</li> </ul>	Professional writing, editing, proofreading, database and computer proficiency. Knowledge of California Uniform Building, Electrical, Mechanical Plumbing and Fire Codes.	Completeness to customer satisfaction.	Timeliness, quality, technical accuracy.	On-going effort.	Review by customer.

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<ul style="list-style-type: none"> <li>Assist with public relations interview/photo opportunities.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>Prepare monthly technical reports.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>Presentations, reports, articles, analytical studies, manuscripts, meeting summaries and action lists.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, cost.	On-going effort.	Review by customer.

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<ul style="list-style-type: none"> <li>• General research, information gathering in preparation of Economic Development analysis (Ames/NRP /CASC).</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, completeness, and technical accuracy.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Evaluation of partner proposals and negotiations support.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, completeness, and technical accuracy.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Prepare financial reports on transactions.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, completeness, and technical accuracy.	On-going effort.	Review by customer.
<ul style="list-style-type: none"> <li>• Special studies and analyses to support development efforts.</li> </ul>	Professional writing, editing, proofreading, database and computer knowledge.	Completeness to customer satisfaction.	Timeliness, quality, completeness, and technical accuracy.	On-going effort.	Review by customer.

Required Services	Performance Standards	Acceptable Quality Level	Performance Measurement	Estimated Workload	Method of Surveillance
<b>SOW 4.9 Bio-molecular Physics and Chemistry (BPC)/Fundamental Biology (FB) Business Mgm't</b>	Respond to requests for data analysis and reports: staffing, budget formulation, budget execution and research business practices.	Consistent with HQ Code U, and ARC standards, requirements, and techniques.	Reports are timely, accurate, responsive to requested information, and in appropriate formats.	Monthly suite of reports. Semiannual suite or reports. Annual Pop Review.	COTR Review of progress, products, and results in terms of Task Order requirements.

Required Services	Performance Standards	Acceptable Quality Level	Performance Measurement	Estimated Workload	Method of Surveillance
<ul style="list-style-type: none"> <li>Administrative and clerical services including; Travel/answering phones, receive visitors and data base support; general clerical assistance as described in SOW.</li> </ul>	<p>Schedules and coordinates meetings/telecons; answers phones and receives visitors for Director and Deputy Director of Directorate. Generate forms for signature and processing of forms (i.e., service requests, visitor requests, travel orders, store stock issue). Assembles materials for meetings/presentations and new program year.</p>	<p>Professionalism, quality, timeliness, customer service, and NRTC satisfaction are measured and consistent with Ames standard operating procedures.</p>	<p>Professionalism and accuracy will be measured by Center and NRTC standards of administrative judgment and insight, social skills, cooperation, dependability, responsibility, and service to staff, customers and partners.</p>	<p>Approx. 5 hours per week.</p>	<p>Products and services will be reviewed by Technical manager and NRTC team individually and/or by sampling as needed in response to NRTC needs and acceptance.</p>
	<p>Types correspondence and notes from written drafts.</p>	<p>Consistent with NASA Ames Correspondence Manual guidelines.</p>	<p>After initial training, correspondence will require less than 5% rework.</p>	<p>Approx. 4 hours per week.</p>	<p>Products &amp; services will be reviewed by Technical manager and NRTC team individually and/or by sampling as needed in response to NRTC needs and acceptance.</p>
	<p>Serve as key Operator for building 207 copier. Maintain paper stocks, change toner, place trouble calls.</p>	<p>Spreadsheets and reports are accurate and timely and include required data.</p>	<p>After initial training spreadsheets and reports require less than 2% rework.</p>	<p>Minimum of 8 hours per week.</p>	<p>Products and services will be reviewed by technical manager and NRTC team individually and/or by sampling as needed in response to NRTC needs and acceptance.</p>



Required Services	Performance Standards	Acceptable Quality Level	Performance Measurement	Estimated Workload	Method of Surveillance
<ul style="list-style-type: none"> <li>Interface with various Center Service personnel (e.g., travel, property, store stock, shipping/receiving, maintenance, and administrative personnel).</li> </ul>	Initiate and maintain office tickler system for reports and actions due. (Check email)	Consistent with Director/Deputy Director's and NRTC staff needs.	NRTC staff remains aware of actions 98% of the time.	Approx. 2 hours per week.	Products and services will be reviewed by Technical manager and NRTC team individually and/or by sampling as needed in response to NRTC needs and acceptance.
	Knowledge of points of contacts is required to obtain needed office services to administratively support NRTC.	Consistent with Ames standard operating procedures.	Timeliness, accurate and responsiveness to tasking 95% of the time.	Approx. 3 hours per week.	Products and services will be reviewed by Technical manager and NRTC team individually and/or by sampling as needed in response to NRTC needs and acceptance.
	Maintain office supply materials and stock and track utilization and cost.	Supplies and stock are maintained and utilization and cost reports are accurate and timely.	Supplies and stock are ordered within 24 hours and available as needed 95% of the time.	Two hours per week.	Sub-COTR and government task leader review progress and products in terms of Task Order requirements and customer satisfaction.

Required Services	Performance Standards	Acceptable Quality Level	Performance Measurement	Estimated Workload	Method of Surveillance
<p><b>SOW 4.11</b>  <b>Safety,</b>  <b>Environmental &amp;</b>  <b>Mission</b>  <b>Assurance Admin.</b>  <b>Support</b></p>	<p>Monitor the receipt, storage, organization, and disposition of centerwide management system documentation and records.</p>	<p>Completeness to customer satisfaction.</p>	<p>Records must be readily available retrievable during internal and external audits.</p>	<p>Services are required intermittently throughout the year.</p>	<p>Review by AMS Manager.</p>
<ul style="list-style-type: none"> <li>• Maintain Ames Management System (AMS) Office files.</li> </ul>	<p>Purpose of the meeting. People in attendance Review of past action items Detail of disposition. Any New action items and to whom they are assigned. Key discussion points based on agenda items. Location date and time of next meeting.</p>	<p>Completeness to customer satisfaction.</p>	<p>Provide AMS manager with and electronic copy of meeting minutes by COB the following business day.</p>	<p>Estimated three meetings to be recorded weekly.</p>	<p>Review by AMS Manager.</p>
<ul style="list-style-type: none"> <li>• Record detailed minutes of AMS meetings.</li> </ul>	<p>Accuracy, writing, editing, proofreading, database and computer knowledge.</p>	<p>Completeness to customer satisfaction.</p>	<p>Enter documents and/or data into the Center Corrective Action/Document Control database within 3 working days of request</p>	<p>Services are required intermittently throughout the year.</p>	<p>Review by AMS Corrective Action Request Coordinator.</p>
<ul style="list-style-type: none"> <li>• Enter documents and/or data into the Center Corrective Action/Document Control database.</li> </ul>					

Required Services	Performance Standards	Acceptable Quality Level	Performance Measurement	Estimated Workload	Method of Surveillance
<p>• Provide prepared correspondence, charts, graphs, spreadsheets, and briefing material.</p> <p><b>SOW 4.12.1</b>  <b>Educational Programs, Facilities, Projects &amp; Partnerships</b></p>	<p>Professional writing, editing, proofreading, database and computer knowledge.</p>	<p>Completeness to customer satisfaction.</p>	<p>Services are timely, accurate, appropriate, and responsive to task requirements.</p>	<p>Services are required intermittently throughout the year.</p>	<p>Review by AMS Manager.</p>
<p>•4.12.2            Publications Distribution Services</p>	<p>Provide assistance with the dissemination of educational publications, including answering requests from all levels of students using NASA-provided publications. Maintain publications and materials inventory. Provide mailing services for materials for workshops and symposia and related educational events.</p>	<p>Consistent with NASA and Ames policies, and primary/ secondary advanced education standards and techniques.</p>	<p>Services and products are timely, accurate, appropriate, and responsive to task requirements.</p>	<p>Continuing requirement for services supporting publication distribution.</p>	<p>COTR Review of progress, products, and results in terms of Task Order requirements.</p>

Required Services	Performance Standards	Acceptable Quality Level	Performance Measurement	Estimated Workload	Method of Surveillance
<ul style="list-style-type: none"> <li>4.12.3 Educational Technology Projects</li> </ul>	<p>Provide support in all areas of research, design, development, evaluation, dissemination and maintenance of interactive, media-rich, standards-based educational technology products and services, which integrate cutting-edge technologies. Products and services include but are not limited to: CD-ROMs, Web sites, interactive webcasts and chats, question and answer services, database mechanisms, system administration, and integration of new technologies.</p>	<p>Meets NASA and Ames policies, the NASA Implementation Plan for Education, and primary/secondary national and California science, math, technology and geography education standards. Also consistent with research-based instructional methods outlined by organizations such as AAAS Project 2061, NSTA, NCTM, ITEA and ISTE and student/teacher needs evidenced by evaluation.</p>	<p>Services and products are timely, accurate, appropriate, and responsive to task requirements.</p>	<p>Continuing requirement for services supporting educational technology products and services.</p>	<p>COTR Review of progress, products, and results in terms of Task Order requirements.</p>

Required Services	Performance Standards	Acceptable Quality Level	Performance Measurement	Estimated Workload	Method of Surveillance
• 4.12.4 University Affairs	<p>Provide technical and educational support and assistance in the daily administration of the University Affairs undergraduate, graduate, post-doctoral and faculty programs. Provide clerical support in the recruitment, marketing, selection of participants, and monitoring/tracking participants once their internship period is completed. Coordinate and assist in arranging and staffing of enrichment activities for internship participants. Provide assistance in assembling and distributing procurement packages for grants. Participate in the preparation of documentation of the status of each program as required by NASA. Headquarter and/or the Office of Education at Ames Research Center</p>	<p>Consistent with NASA and Ames policies, and primary/ secondary advanced education standards and techniques.</p>	<p>Services and products are timely, accurate, appropriate, and responsive to task requirements.</p>	<p>Services are required for varying levels of activity throughout the year.</p>	<p>COTR Review of progress, products, and results in terms of Task Order requirements.</p>

<b>Required Services</b>	<b>Performance Standards</b>	<b>Acceptable Quality Level</b>	<b>Performance Measurement</b>	<b>Estimated Workload</b>	<b>Method of Surveillance</b>
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• 4.12.5  
Reserved

Required Services	Performance Standards	Acceptable Quality Level	Performance Measurement	Estimated Workload	Method of Surveillance
•4.12.6 Ames Aerospace Encounter (Funding for this task uncertain at this time – 1/03)	Provide technical, administrative and educational support for the Ames Aerospace Encounter. Train and supervise teaching staff, conduct Encounter curriculum and educational activity development. Teach students attending the Encounter.	Consistent with NASA and Ames policies. Education activities in alignment with National and California Educational Standards.	Direct participant data to be collected using NASA's EdCats system. Services and Products to be timely, accurate, appropriate, and responsive to task requirements.	Present contractor provides similar service at approx. 2.0 FTE..	COTR review of progress, products, and results in terms of task order requirements.
•4.12.7 Educator Resource Center (Funding for this task uncertain at this time – 1/03)	Direct day-to-day operations of Ames Educator Resource Center. Staff ERC for drop-in services to educators. Support Ames Education programs for educators. Provide suitable environment for teach workshops. Provide support to regional Educator Resource Centers. Provide mail order service for the lunar sample program.	Consistent with NASA and Ames policies.	Direct participant data to be collected using NASA's EdCats system. Services and products to be timely, accurate, appropriate, and responsive to task requirements.	Present contractor provides similar service at approx. 1.0 FTE.	COTR review of progress, products, and results in terms of task order requirements.

Required Services	Performance Standards	Acceptable Quality Level	Performance Measurement	Estimated Workload	Method of Surveillance
•4.12.8 Other Educational Programs	Provide technical, administrative, and other assistance in educational programs as requested.	Consistent with NASA and Ames policies, and primary/ secondary advanced education standards and techniques.	Services and products are timely, accurate, appropriate, and responsive to task requirements.	Services are required for varying levels of activity throughout the year.	COTR Review of progress, products, and results in terms of Task Order requirements.
<b>SOW 4.13 Program/Project Management</b>					
Project/Program Management	Respond to requests for data, analysis and reports	Consistent with ARC standards, requirements, reporting guidelines, and management defined processes	Reports meet milestones as defined by project/program schedules. Reports are accurate and reflect appropriate formats	Monthly technical progress reports that reflect past and future goals.  Milestone reports that reflect project/program status and recommendations for further enhancements or directions.	COTR Review of progress and results in terms of Task Order requirements or milestones.



## Government Furnished Equipment (GFE)

The following is a representative list of used equipment that will be supplied by the Government at the start of the contract. Any new equipment necessary to complete the duties under the contract will be provided by the contractor.

SOW Function	Equip Bldg	Equip Room	Item Name	Manuf Name	Manuf Model No	Equip Cost	NASA Acq Date
4.1	200	PKLOT	TRUCK, VAN	FORD MOTOR CO T	A34K	\$13,325	3/1/1990
4.1	201	100	SCREEN, FRONT PROJECTION	CALUMET PHOTOGR	NONE	\$2,625	4/23/1976
4.1	201	100	CAMERA, TELEVISION	SONY CORP	DXC327	\$3,830	7/31/1991
4.1	201	100	VISUALIZER	WOLF AUDIO VISU	VZ10U	\$8,595	3/10/1992
4.1	201	100	PROJECTOR, VIDEO	SONY CORP	VPH1270Q	\$11,195	10/8/1991
4.1	201	100	CAMERA, TELEVISION	FUJINON INC	D18	\$1,755	4/1/1992
4.1	201	100	PROJECTOR, DATA GRAPHICS	SONY CORP	VPD-S1800Q	\$42,491	1/27/1999
4.1	201	104	ENCODER, VIDEO	LENCO INC ELECT	PCE466	\$2,596	1/14/1986
4.1	201	104	GENERATOR, SYNC, TV	LENCO INC ELECT	CSL710	\$1,320	1/14/1986
4.1	201	104	EQUALIZER	ALTEC LANSING C	1653A	\$1,335	1/29/1986
4.1	201	104	RECORDER, VIDEO CASSETTE	SONY CORP	VO5850	\$5,750	8/17/1982
4.1	201	104	AUDIO MIXING CONSOLE	TASCOM CORP	M312B	\$2,567	12/20/1989
4.1	201	104	PROJECTOR, VIDEO	EIKI INTERNATIO	LC150	\$3,245	6/14/1991
4.1	201	104	PANEL, PROJECTION	SHARP CORP	QA75	\$1,386	7/3/1991
4.1	201	104	RECORDER, VIDEO CASSETTE	SONY CORP	SV0160	\$563	8/14/1991
4.1	201	104	AUDIO PRESSBOX	OPAMP LABS INC	A182ML	\$1,974	10/24/1991
4.1	201	104	CAMERA, VIDEO	SONY CORP	CCD-TR700	\$1,599	9/8/1994
4.1	201	104	PROJECTION PAD	INFOCUS SYSTEM	LD0580	\$6,776	5/12/1996
4.1	201	104	PROJECTOR, DATA GRAPHICS	INFOCUS SYSTEM	LP580B	\$5,858	9/20/1996
4.1	201	105	DISPLAY UNIT	APPLE COMPUTER	M2942	\$982	9/20/1996
4.1	201	105	COMPUTER, MICRO	APPLE COMPUTER	M3979	\$2,437	1/16/1997
4.1	201	105	PRINTER, LASERWRITER	APPLE COMPUTER	M4238	\$1,532	3/7/1997
4.1	201		BOOTH MONITOR, TELEVISION	SONY CORP	PVM8020	\$599	11/14/1990
4.1	201		BOOTH PROJECTOR, TELEVISION	XENON CORP	750DM	\$6,314	6/13/1991
4.1	201		BOOTH PROJECTOR, SLIDE	XENON CORP	750DM	\$6,314	6/13/1991
4.1	201		BOOTH RECORDER, VIDEO CASSETTE	SONY CORP	VO5800	\$4,268	8/14/1987
4.1	201		BOOTH TEST SET, AUDIO	HEKIMIAN LABORA	41-01	\$2,233	1/28/1986
4.1	201		BOOTH MONITOR, TELEVISION	SONY CORP	PVM5300	\$1,840	8/10/1983
4.1	201		BOOTH CORRECTOR, TIME BASE	ATLA GROUP	CYGNUS	\$3,825	4/12/1989
4.1	201		BOOTH GENERATOR, SPECIAL EFFECTS	PANASONIC	WJ5600	\$5,716	9/17/1990
4.1	201		BOOTH POWER SUPPLY, CONSOLE	SOUND-CRAFT SYS	CPS150	\$1,000	10/30/1990
4.1	201		BOOTH PLAYER, COMPACT DISC	TEAC CORP	CD401	\$599	4/8/1991
4.1	201		BOOTH DISSOLVE INTERFACE UNIT	XENON CORP	MDC 200	\$1,999	7/22/1991
4.1	201		BOOTH CONTROL UNIT, CAMERA	SONY CORP	CCU-M3	\$1,170	7/31/1991
4.1	201		BOOTH RECORDER, VIDEO CASSETTE	SONY CORP	SV0160	\$563	8/14/1991
4.1	201		BOOTH CONTROL UNIT, CAMERA	SONY CORP	CCUM3	\$1,170	10/18/1991
4.1	201		BOOTH MIXER, AUDIO	SOUND-CRAFT SYS	RW1225	\$5,594	10/24/1991
4.1	201		BOOTH CONTROL UNIT, PAN/TILT	FUJINON INC	COP30	\$1,000	9/16/1992
4.1	201		BOOTH RECORDER, VIDEO CASSETTE	PANASONIC	AG5200P	\$695	11/27/1991
4.1	201		BOOTH RECORDER, PLAYER	SONY CORP	UVW1800	\$8,096	11/21/1994
4.1	201		BOOTH CONVERTER, SCAN	SONY CORP	DSC1024	\$3,805	11/5/1996
4.1	201		BOOTH COMPUTER, PORTABLE	APPLE COMPUTER	M3553	\$5,742	7/3/1997
4.1	201		MAIN LENS, PROJECTION	SONY CORP	VPDL-ZP50	\$3,885	1/27/1999
4.1	203	101	LENS, CAMERA	HASSELBLAD A B	80MM	\$1,250	7/30/1991
4.1	203	101	LENS, CAMERA	HASSELBLAD A B	50	\$1,191	6/12/1986
4.1	203	101	MOUNT, AIRCRAFT CAMERA	CONTINENTAL CAM	MK10 NASA	\$9,800	9/25/1973
4.1	203	101	RECEIVING SET, TELEVISION	NEC ELECTRONICS	PR2600S	\$775	2/5/1991
4.1	203	101	VIEWER, ELECTRONIC FILM	BBS AG INTERNAT	OPTILYSER PR	\$4,892	8/28/1991
4.1	203	101	MONITOR, TELEVISION	SONY CORP	PVM13440	\$1,010	9/26/1991
4.1	203	101	DISK DRIVE UNIT	LACIE LTD	NONE	\$1,849	11/18/1992
4.1	203	101	DISPLAY UNIT	SONY CORP	CPD17SF2	\$1,582	5/28/1996
4.1	203	101	CAMERA, BODY	HASSELBLAD VIC	503CX	\$1,355	8/25/1992
4.1	203	101	COMPUTER, MICRO	APPLE COMPUTER	M3979	\$2,437	1/16/1997
4.1	203	101	DISPLAY UNIT	SONY CORP	CPD20SF	\$725	1/16/1997
4.1	203	102	LENS, CAMERA	HASSELBLAD A B	50MM	\$1,832	10/11/1990
4.1	203	102	CAMERA, STILL PICTURE	NIKON INC	F4	\$1,424	5/30/1991
4.1	203	102	CAMERA, STILL PICTURE	HASSELBLAD VIC	503CX	\$1,355	9/14/1992
4.1	203	102	CAMERA, STILL PICTURE	HASSELBLAD A B	500C/M	\$982	7/30/1991
4.1	203	102	DISK DRIVE UNIT	LACIE LTD	TSUNAMI	\$559	6/28/1994
4.1	203	102	CAMERA, DIGITAL	KODAK CANADA LT	460C	\$26,911	10/25/1996

SOW Function	Equip Bldg	Equip Room	Item Name	Manuf Name	Manuf Model No	Equip Cost	NASA Acq Date
4.1	203	102	COMPUTER, MICRO	APPLE COMPUTER	M3979	\$2,437	1/16/1997
4.1	203	102	DISPLAY UNIT	SONY CORP	CPD20SF	\$725	1/16/1997
4.1	203	102	LIGHT, PHOTOGRAPHIC	BEAR IMAGES	KAISER PROLI	\$1,398	11/19/1997
4.1	203	102	CAMERA, DIGITAL	EASTMAN KODAK C	187-8461	\$7,010	10/10/2001
4.1	203	103	CAMERA, STILL PICTURE	HASSELBLAD A B	500CM	\$982	10/11/1990
4.1	203	103	LENS, CAMERA	HASSELBLAD A B	50MM	\$1,832	10/11/1990
4.1	203	103	CAMERA, STILL PICTURE	NIKON INC	F4	\$1,424	5/30/1991
4.1	203	103	CAMERA, DIGITAL	KODAK CANADA LT	DCS460	\$25,995	12/15/1997
4.1	203	103	CAMERA, DIGITAL	KODAK CANADA LT	DCS760	\$1,750	3/20/2002
4.1	203	105	LENS, CAMERA	HASSELBLAD A B	80MM	\$1,250	7/30/1991
4.1	203	105	LENS, CAMERA	ZEISS CARL-OPTI	50MM	\$1,495	10/3/1989
4.1	203	105	POWER PACK	DYNALITE CORP	M2000	\$1,545	7/22/1987
4.1	203	105	MICROSCOPE, BINOCULAR	LEITZ E INC	ORTHOPLAN	\$7,036	2/13/1967
4.1	203	105	CAMERA, STILL PICTURE	HASSELBLAD A B	500C/M	\$1,872	11/30/1979
4.1	203	105	LENS, CAMERA	HASSELBLAD A B	150MM	\$1,824	10/11/1990
4.1	203	105	CAMERA, 4X5 VIEW	SINAR AG	21-2201	\$4,903	8/18/1987
4.1	203	105	CAMERA, DIGITAL	BEAR IMAGES	DICOMED	\$23,354	11/19/1997
4.1	203	105	COMPUTER, MICRO	APPLE COMPUTER	M3979	\$2,532	2/11/1998
4.1	203	105	DISPLAY UNIT	SONY CORP	CPD200SF	\$695	2/11/1998
4.1	203	105	POWER SUPPLY	DYNA-LITE	M2000XL	\$1,516	5/19/1998
4.1	203	105	POWER SUPPLY, PHOTOGRAPHIC	DYNA-LITE	M800E	\$2,312	6/9/1998
4.1	203	106	COMPUTER, MICRO	APPLE COMPUTER	M3979	\$2,349	8/27/1997
4.1	203	110	POWER SUPPLY	UNILUX INC	880NAC	\$5,275	9/24/1982
4.1	203	110	RECORDER, VIDEO CASSETTE	JVC CO OF AMERI	BR-S3780	\$1,028	4/14/1993
4.1	203	114	MONITOR, TELEVISION	SONY CORP	PVM-8020	\$570	1/23/1992
4.1	203	114	CAMCORDER	SONY CORP	CCD-V801	\$1,452	10/7/1991
4.1	203	114	LENS, CAMERA, 80MM	HASSELBLAD A B	80MM	\$1,141	10/11/1990
4.1	203	114	CAMERA, STILL PICTURE	HASSELBLAD A B	903SWC	\$3,455	10/17/1990
4.1	203	114	CAMERA, STILL PICTURE	HASSELBLAD A B	2003FSW	\$2,095	9/22/1989
4.1	203	114	CAMCORDER, VIDEO	SONY CORP	CCD-V801	\$1,697	7/12/1991
4.1	203	114	CAMERA, METRIC	ROLLEIFLEX	6006	\$13,440	8/17/1988
4.1	203	114	CAMERA, METRIC	ROLLEIFLEX	6006	\$12,600	8/17/1988
4.1	203	114	CAMERA, METRIC	ROLLEIFLEX	6006	\$12,600	8/17/1988
4.1	203	114	RECORDER, VIDEO CAMERA	SONY CORP	CCDVX3	\$2,874	11/29/1994
4.1	203	114	CAMERA, 645-1000	MAMIYA CAMERA C	645	\$510	8/8/1983
4.1	203	114	CAMERA, TELEVISION	PANASONIC	AG160	\$1,449	5/5/1987
4.1	203	114	LENS, CAMERA	HASSELBLAD A B	500	\$2,525	6/12/1986
4.1	203	114	CAMERA, 70MM	HASSELBLAD A B	500EL	\$2,738	4/1/1966
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM5AMT	\$5,817	6/14/1964
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM5A	\$3,607	6/21/1965
4.1	203	114	CAMERA, DATA RECORDING 16M	PHOTO-SONICS IN	61-1100	\$7,807	12/28/1971
4.1	203	114	CONTROL PANEL, PULSE CAMER/	PHOTO-SONICS IN	NONE	\$3,100	10/22/1974
4.1	203	114	CONTROL PANEL, PULSE CAMER/	PHOTO-SONICS IN	NONE	\$3,100	10/22/1974
4.1	203	114	CONTROL PANEL, PULSE CAMER/	PHOTO-SONICS IN	NONE	\$3,100	10/22/1974
4.1	203	114	CAMERA, DATA RECORDING 16M	NOVA SYSTEMS IN	16-1 NOVA	\$5,895	1/25/1961
4.1	203	114	CAMERA, DATA RECORDING 16M	NOVA SYSTEMS IN	16-1 NOVA	\$5,554	1/25/1961
4.1	203	114	CAMERA, DATA RECORDING 16M	NOVA SYSTEMS IN	16-3 NOVA	\$9,961	12/21/1964
4.1	203	114	CAMERA, DATA RECORDING 16M	NOVA SYSTEMS IN	16-3 NOVA	\$5,082	4/6/1965
4.1	203	114	CAMERA, MOTION PICTURE 16M	ARRIFLEX CORP O	16M	\$4,228	11/19/1964
4.1	203	114	CAMERA, 8X10 VIEW	CALUMET PHOTOGR	CI	\$2,490	6/4/1965
4.1	203	114	CAMERA, 4X5 VIEW	SINAR AG	NONE	\$735	9/1/1973
4.1	203	114	CAMERA, DATA RECORDING	TELEDYNE CAMERA	DMB55	\$3,636	2/2/1996
4.1	203	114	CAMERA, 70MM	HASSELBLAD A B	500ELM	\$606	9/2/1969
4.1	203	114	CAMERA, DATA RECORDING 16M	PHOTO-SONICS IN	16MM1P/AC	\$3,925	10/25/1973
4.1	203	114	CAMERA, DATA RECORDING 16M	PHOTO-SONICS IN	16MM1P/AC	\$10,743	10/22/1974
4.1	203	114	CAMERA, DATA RECORDING 16M	PHOTO-SONICS IN	16MM1PL/DC	\$4,475	6/2/1977
4.1	203	114	CAMERA, DATA RECORDING 16M	PHOTO-SONICS IN	61-1100	\$8,775	8/9/1973
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM5BT	\$5,151	10/2/1963
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM5BE	\$4,437	2/23/1962
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM55	\$5,085	9/29/1981
4.1	203	114	CAMERA, STILL PICTURE	HASSELBLAD A B	500C/M	\$1,872	11/30/1979
4.1	203	114	CAMERA, FRAMING	CORDIN CO	350	\$13,193	3/5/1979
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM5A	\$3,655	6/21/1965
4.1	203	114	CAMERA, DATA RECORDING 16M	PHOTO-SONICS IN	16MM1P/AC	\$10,743	10/22/1974
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM5C	\$4,593	4/22/1966
4.1	203	114	CAMERA, STILL PICTURE	HASSELBLAD A B	500ELM	\$11,375	2/14/1975
4.1	203	114	CAMERA, DATA RECORDING 16M	NOVA SYSTEMS IN	16-3 NOVA	\$4,311	10/2/1964

SOW Function	Equip Bldg	Equip Room	Item Name	Manuf Name	Manuf Model No	Equip Cost	NASA Acq Date
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM5A	\$4,240	6/21/1965
4.1	203	114	CAMERA, DATA RECORDING 16M	NOVA SYSTEMS IN	16-3 NOVA	\$5,188	7/2/1964
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM55	\$5,625	1/24/1963
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM5A	\$3,590	6/21/1965
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM5A	\$3,632	6/21/1965
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM5	\$2,500	6/14/1979
4.1	203	114	ANALYZER, MOTION PICTURE	L-W INT'L F-	224A	\$2,395	11/29/1984
4.1	203	114	MONITOR, TELEVISION	PANASONIC	AG500RP	\$965	4/22/1988
4.1	203	114	CAMERA, TELEVISION	J V C NIVICO V	TK870U-CCD	\$2,040	4/28/1988
4.1	203	114	TRANSMITTER, RECEIVER	NIKON CORP	MW2	\$1,325	9/28/1988
4.1	203	114	RECEIVER, REMOTE	NIKON CORP	MW2	\$699	9/28/1988
4.1	203	114	PROJECTOR, SLIDE	EASTMAN KODAK C	EKTAGRAPHICI	\$500	11/29/1989
4.1	203	114	RECORDER-REPRODUCER SET, VI	PANASONIC	AG170	\$1,169	10/11/1989
4.1	203	114	CAMERA, MOTION PICTURE 16MM	ARRIFLEX CORP O	1A001	\$3,535	6/25/1962
4.1	203	114	CAMERA, BODY	HASSELBLAD A B	500C/M	\$982	7/30/1991
4.1	203	114	CAMERA, TELEVISION	PANASONIC	AG190U-P	\$1,066	7/31/1991
4.1	203	114	TELEVISION/VCR	PANASONIC	AG550	\$757	10/1/1991
4.1	203	114	LIGHT, PHOTOGRAPHIC	CINEMILLS CORPO	PAR 64	\$6,845	12/5/1991
4.1	203	114	CAMERA/RECORDER, TELEVISION	NAC INC	V111	\$79,218	10/19/1993
4.1	203	114	CAMERA, DATA RECORDING 16M	MILLIKEN INDUST	DBM54	\$4,680	7/1/1994
4.1	203	114	PANEL, PROJECTION	NVIEW CORP	Z215	\$6,000	9/20/1994
4.1	203	114	CAMERA, VIDEO	SHARP	VL-H400U	\$1,788	12/20/1994
4.1	203	114	CAMERA, STILL PICTURE	ROLLEI-WERKE FR	6008	\$3,245	8/16/1991
4.1	203	114	CAMERA, VIDEO	PANASONIC	WV-BP310	\$1,325	7/21/1995
4.1	203	114	LENS, 40MM	ROLLEI-WERKE FR	40MMF4	\$2,520	4/27/1984
4.1	203	114	CAMERA, BODY	MAMIYA CAMERA C	645PRO	\$1,499	7/5/2000
4.1	203	116	RECORDER, VIDEO CASSETTE	PANASONIC	AG6200	\$800	5/7/1991
4.1	203	202	PROCESSOR, FILM	EASTMAN KODAK C	1811M	\$58,889	7/11/1973
4.1	203	202	PROCESSOR, FILM	EASTMAN KODAK C	1811-M	\$114,390	6/29/1983
4.1	203	202	PROCESSOR, FILM	EASTMAN KODAK C	11C-M	\$19,857	4/28/1971
4.1	203	202	PROCESSOR, COLOR	HOPE INDUSTRIES	277 CONVERT	\$23,690	10/25/1991
4.1	203	202	PROCESSOR, BLACK AND WHITE	HOPE INDUSTRIES	284	\$11,695	10/25/1991
4.1	203	202	ENLARGER, PHOTOGRAPHIC	ESECO-SPEEDMAST	3051	\$18,953	3/17/1993
4.1	203	202	MOUNTER, SLIDE	NORITSU KOKI CO	NQM1	\$1,516	4/22/1993
4.1	203	202	MOUNTER, SLIDE	BYERS PHOTO EQU	F100278	\$3,520	7/2/1991
4.1	203	202	PROCESSOR, PRINT	ESECO-SPEEDMAST	20RA16	\$12,136	11/19/1997
4.1	203	202	PROCESSOR, FILM	COLEX INTERNATI	RTF 12-10	\$25,803	2/5/1998
4.1	203	202	PLOTTER, GRAPHICS	WESTERN GRAPHTE	MP5300	\$1,902	3/9/1998
4.1	203	206	ENLARGER, PHOTOGRAPHIC	DURST U S A INC	1200	\$4,299	3/14/1990
4.1	203	208	PAPER PROCESSOR	ILFORD PHOTO PR	2150RC	\$7,095	11/19/1997
4.1	203	209	HEAD, ENLARGER, COLOR	H & K PRODUCTIO	MR2000	\$12,000	9/30/1986
4.1	203	209	ANALYZER, COLOR	H & K PRODUCTIO	TR1	\$14,500	9/30/1986
4.1	203	209	ENLARGER, PHOTOGRAPHIC	SALTZMAN JOS AN	MB6DL	\$8,255	12/22/1960
4.1	203	209	PROCESSOR, FILM	COLEX INTERNATI	RTR20-24	\$25,118	2/5/1998
4.1	203	215	ENLARGER/PROCESSOR, FILM	FUJI PHOTO FILM	PP1261/PR127	\$57,600	5/7/1991
4.1	203	215	COMPUTER, MICRO	APPLE COMPUTER	M3098	\$5,994	10/3/1995
4.1	203	215	DISPLAY UNIT	SONY CORP	CPD17SF2	\$1,582	5/28/1996
4.1	203	215	RECORDER, FILM	MANAGEMENT GRAP	PLUS REV E	\$17,110	11/19/1997
4.1	203	215	PRINTER, DIGITAL	EASTMAN KODAK C	20RT	\$95,000	2/5/1998
4.1	203	215	DISPLAY UNIT	SONY CORP	CPD200SF	\$695	2/11/1998
4.1	203	215	METER, DENSITY	BEAR IMAGES	DTP36	\$2,468	3/9/1998
4.1	203	216	DENSITOMETER	ESECO-SPEEDMAST	TLC905	\$2,962	7/20/1987
4.1	203	216	TRANSPORT, MAGNETIC TAPE	TRANSITIONAL TE	8501	\$3,950	8/17/1993
4.1	203	216	TRANSPORT, MAGNETIC TAPE	TRANSITIONAL TE	8501	\$3,950	8/17/1993
4.1	203	216	SCANNER, FILM	KODAK CANADA LT	PCD FILMSCAN	\$67,000	12/20/1994
4.1	203	216	PRINTER, PHOTOGRAPHIC	KODAK CANADA LT	PCD PRINTER	\$20,000	12/20/1994
4.1	203	216	PRINTER, ADP	KODAK CANADA LT	XLS 8600 PS	\$9,770	1/27/1995
4.1	203	216	DISPLAY UNIT	SUN MICROSYSTEM	GDM17E10	\$2,000	1/11/1996
4.1	203	216	COMPUTER, MINI	SUN MICROSYSTEM	544	\$28,000	1/11/1996
4.1	203	216	DISPLAY UNIT	SONY CORP	CPD20SF2	\$1,609	6/11/1996
4.1	203	216	DISPLAY UNIT	SONY CORP	CPD20SF2	\$1,609	6/11/1996
4.1	203	216	WRITER, COMPACT DISK	KODAK CANADA LT	PCD225	\$1,795	1/11/1996
4.1	203	216	SCANNER, COLOR	AFGA COMPUGRAPH	HORIZON	\$15,609	1/23/1997
4.1	203	216	DISK DRIVE UNIT	LACIE LTD	TSUNAMI	\$989	3/10/1997
4.1	203	216	HARD DRIVE UNIT	SUN MICROSYSTEM	X52138A	\$1,073	11/19/1997
4.1	203	216	PRINTER, COLOR	KODAK CANADA LT	8650	\$8,450	11/19/1997
4.1	203	216	PRINTER, PHOTOGRAPH	FUJI ELECTRIC C	PG 3000	\$21,970	4/15/1996

SOW Function	Equip Bldg	Equip Room	Item Name	Manuf Name	Manuf Model No	Equip Cost	NASA Acq Date
4.1	203	216	COMPUTER, MICRO	APPLE COMPUTER	M4405	\$3,467	2/11/1998
4.1	203	216	COMPUTER, MICRO	APPLE COMPUTER	M4405	\$3,467	2/11/1998
4.1	203	216	COMPUTER, MICRO	APPLE COMPUTER	M3979	\$2,532	2/11/1998
4.1	203	216	DISPLAY UNIT	SONY CORP	CPD200SF	\$695	2/11/1998
4.1	203	216	CALIBRATOR	BARCO ENGINEERI	CCID121	\$6,536	9/25/1998
4.1	203	216	COMPUTER, MICRO	APPLE COMPUTER	M5183	\$2,575	7/28/1999
4.1	203	216	SCANNER	CLARIION STORAG	FLEXTIGHT	\$15,645	9/7/1999
4.1	203	218	SCANNER	PACIFIC DATA GR	LEAFSCAN45	\$14,750	10/14/1992
4.1	203	218	PRINTER, ADP	EASTMAN KODAK C	XLT7720	\$21,000	8/11/1993
4.1	203	202B	PRINTER, PHOTOGRAPHIC	EASTMAN KODAK C	037-001	\$27,427	8/10/1971
4.1	203	202B	FILTER, CLEANROOM	PURE AIRE CORP	IAW	\$1,039	8/9/1965
4.1	203	202B	ANALYZER, COLOR	ESECO-SPEEDMAST	SM1400	\$1,571	8/2/1988
4.1	203	216A	MONITOR/RECORDER, TELEVISIO	PANASONIC	AG560	\$765	6/25/1992
4.1	203	216A	DISPLAY UNIT	SONY CORP	GDM17SE1	\$1,003	2/21/1995
4.1	203	216A	COMPUTER, MICRO	APPLE COMPUTER	M3979	\$2,906	2/11/1998
4.1	203	216A	SCANNER, DOCUMENT	NIKON CORP	LS1000	\$3,249	8/25/1998
4.1	203	216B	COMPUTER, MICRO	HEWLETT-PACKARD	LDPRO	\$8,350	8/25/1998
4.1	203	216B	DISPLAY UNIT	BEAR IMAGES	MAG	\$500	8/25/1998
4.1	203	216B	STORAGE SYSTEM, DISK	BEAR IMAGES	INF500/4-22C	\$22,020	8/25/1998
4.1	203	B1	SAMPLER, PROBE	ISCO INC F-IN	3710	\$1,795	5/5/1991
4.1	203	BASE	CLEANER, RACK	PHOTO-SONICS IN	PS116F	\$15,689	7/9/1985
4.1	203	PKLOT	TRUCK, DELIVERY	OUTBOARD MARINE	458	\$7,225	10/6/1987
4.1	203	PKLOT	TRUCK, DELIVERY	OUTBOARD MARINE	458	\$7,225	10/28/1987
4.1	205	A	POWER SUPPLY	UNILUX INC	880NAC	\$5,275	9/24/1982
4.1	205	A	LIGHT, STROBE	CORDIN CO	359	\$10,894	8/29/1984
4.1	213	214	DISPLAY UNIT	SONY CORP	CPD200SF	\$695	2/11/1998
4.1	213	214	COMPUTER, MICRO	APPLE COMPUTER	G3	\$1,579	8/26/1998
4.1	234	114	MONITOR, TELEVISION	SONY CORP	PVM8020	\$555	9/27/1989
4.1	241	17	COMPUTER, MICRO	APPLE COMPUTER	M2118	\$2,712	5/2/1994
4.1	241	100	DISK DRIVE UNIT	SUPER MAC TECHN	XP60	\$1,116	4/2/1988
4.1	241	100	LENS, CAMERA	FUJINON INC	HA10X52ERM	\$24,565	5/15/2002
4.1	241	100	CAMERA, DIGITAL	OLYMPUS AMERICA	E20N	\$1,699	5/7/2002
4.1	241	100	COMPUTER, PORTABLE	HITACHI AMERICA	4360X	\$2,404	1/21/1998
4.1	241	101	COMPUTER, MICRO	APPLE COMPUTER	M2391	\$3,933	12/28/1994
4.1	241	101	MONITOR, WAVEFORM	TEKTRONIX INC	10801	\$13,814	10/1/1999
4.1	241	101	COMPUTER, PORTABLE	APPLE COMPUTER	M2785	\$2,806	9/18/1996
4.1	241	101	COMPUTER, MICRO	APPLE COMPUTER	M4450	\$3,109	8/7/1998
4.1	241	101	COMPUTER, MICRO	APPLE COMPUTER	M5183	\$2,575	7/28/1999
4.1	241	101	COMPUTER, MICRO	APPLE COMPUTER	M5183	\$2,575	7/28/1999
4.1	241	101	PRINTER, LASERJET	XEROX CORP	N2025	\$1,747	10/3/2000
4.1	241	103	COMPUTER, PORTABLE	APPLE COMPUTER	M2785	\$2,806	9/18/1996
4.1	241	103	COMPUTER, PORTABLE	APPLE COMPUTER	G4	\$4,090	5/11/2001
4.1	241	103	COMPUTER, MICRO	APPLE COMPUTER	G4	\$3,112	9/24/2001
4.1	241	103	PRINTER, ADP	EPSON AMERICA I	2000P	\$836	9/24/2001
4.1	241	104	COMPUTER, MICRO	APPLE COMPUTER	M3979	\$2,437	1/16/1997
4.1	241	104	DISPLAY UNIT	SONY CORP	CPD20SF	\$725	1/16/1997
4.1	241	106	PRINTER, LASERWRITER	APPLE COMPUTER	12/640	\$1,545	6/29/1998
4.1	241	111	DISK DRIVE UNIT	LACIE LTD	ZFP12	\$2,099	6/26/1992
4.1	241	111	DISK DRIVE UNIT	LACIE LTD	ZFP12	\$2,099	6/24/1992
4.1	241	111	DISK DRIVE UNIT	LACIE LTD	NONE	\$1,849	11/18/1992
4.1	241	111	DISPLAY UNIT	APPLE COMPUTER	M1823	\$1,774	4/19/1996
4.1	241	111	DISPLAY UNIT	APPLE COMPUTER	M1823	\$1,774	4/19/1996
4.1	241	111	COMPUTER, MICRO	APPLE COMPUTER	M3098	\$6,057	4/19/1996
4.1	241	111	DISPLAY UNIT	APPLE COMPUTER	M1823	\$1,774	4/19/1996
4.1	241	111	DISPLAY UNIT	APPLE COMPUTER	M1823	\$1,774	4/19/1996
4.1	241	111	DISPLAY UNIT	APPLE COMPUTER	M1823	\$1,835	5/25/1996
4.1	241	111	CAMERA, DIGITAL	OLYMPUS CORP IN	D600L	\$1,245	9/15/1998
4.1	241	111	DISPLAY UNIT	SONY CORP	CPD20SF	\$725	1/16/1997
4.1	241	111	COMPUTER, MICRO	APPLE COMPUTER	M4405	\$3,467	2/11/1998
4.1	241	111	COMPUTER, MICRO	APPLE COMPUTER	M4405	\$3,467	2/11/1998
4.1	241	111	COMPUTER, MICRO	APPLE COMPUTER	M4405	\$3,467	2/11/1998
4.1	241	111	COMPUTER, MICRO	APPLE COMPUTER	M4405	\$3,467	2/11/1998
4.1	241	111	COMPUTER, MICRO	APPLE COMPUTER	M3979	\$2,906	2/11/1998
4.1	241	111	COMPUTER, MICRO	CANON USA INC	FC007	\$10,000	6/3/1998
4.1	241	111	COMPUTER, MICRO	APPLE COMPUTER	M4450	\$3,109	8/7/1998
4.1	241	111	PRINTER, LASERWRITER	APPLE COMPUTER	M2450	\$1,850	8/7/1998
4.1	241	111	COPYING MACHINE	CANON CAMERA CO	CANONCLC950	\$24,716	8/18/1998

SOW Function	Equip Bldg	Equip Room	Item Name	Manuf Name	Manuf Model No	Equip Cost	NASA Acq Date
4.1	241	111	PRINTER, PLOTTER	HEWLETT-PACKARD	3500CP	\$12,795	8/19/1998
4.1	241	111	SCANNER, COLOR	EPSON AMERICA I	E1640XLSE	\$2,699	3/20/2002
4.1	241	111	COMPUTER, MICRO	APPLE COMPUTER	G4	\$3,559	5/2/2002
4.1	241	111	COMPUTER, MICRO	APPLE COMPUTER	G4	\$3,559	5/2/2002
4.1	241	111	COMPUTER, MICRO	APPLE COMPUTER	G4	\$3,559	5/2/2002
4.1	241	111	COMPUTER, MICRO	APPLE COMPUTER	G4	\$3,559	5/2/2002
4.1	241	111	DISPLAY UNIT	SONY CORP	CPDG520	\$799	5/8/2002
4.1	241	111	DISPLAY UNIT	SONY CORP	CPDG520	\$799	5/8/2002
4.1	241	111	DISPLAY UNIT	SONY CORP	CPDG520	\$799	5/8/2002
4.1	241	111	DISPALY UNIT	SONY CORP	CPDG520	\$799	5/8/2002
4.1	241	113	DISPLAY UNIT	SILICON GRAPHIC	GDM17E11	\$1,000	3/31/1997
4.1	241	115	EXHIBIT, TAV MODEL	TOSHIHIKO SAKOW	CUSTOM	\$2,700	3/2/1987
4.1	241	115	BALANCE, LABORATORY	VERTEX INDUS TO	BB4	\$2,016	1/19/1959
4.1	241	154	MONITOR, TELEVISION	SONY CORP	PVM8020	\$570	1/23/1992
4.1	241	154	MONITOR, TELEVISION	SONY CORP	PVM-8020	\$570	1/23/1992
4.1	241	154	MONITOR, TELEVISION	SONY CORP	PVM1342Q	\$570	1/23/1992
4.1	241	154	CAMERA, TELEVISION	ELMO CO LTD	EM102II	\$2,700	4/17/1991
4.1	241	154	MIXER, AUDIO	SHURE BROS INC	FP32	\$1,116	4/24/1991
4.1	241	154	LENS, ZOOM	SONY CORP	VCL916BY	\$1,691	10/2/1992
4.1	241	154	RECORDER, TAPE	KUDELSKI SA	MTPH	\$1,917	8/5/1963
4.1	241	154	RECORDER, VIDEO CASSETTE	SONY CORP	BVW35 (BETAC	\$9,900	3/16/1989
4.1	241	154	ADAPTER, LENS	FUJI OPTICAL CO	CV80BR	\$1,538	7/5/1989
4.1	241	154	CAMERA, TELEVISION	SONY CORP	DXC537	\$7,155	7/24/1991
4.1	241	154	RECORDER, VIDEO CASSETTE	SONY CORP	PVVI	\$8,100	10/2/1991
4.1	241	154	CAMERA, TELEVISION	SONY CORP	DXC537	\$7,044	9/15/1992
4.1	241	154	RECORDER, VIDEO CASSETTE	SONY CORP	BVW50	\$13,110	11/8/1994
4.1	241	154	SWITCHER, VIDEO	SIGMA ELECTRONI	1616SLV	\$3,850	11/21/1994
4.1	241	154	LENS, TV CAMERA	FUJINON INC	HA20X7.5BEVM	\$30,000	1/27/1999
4.1	241	154	MIXER, DIGITAL	YAMAHA ELECTRON	PROMIX	\$1,850	11/13/1996
4.1	241	154	MONITOR, TELEVISION	SONY CORP	PVM8044Q	\$1,278	9/3/1997
4.1	241	154	MONITOR, TELEVISION	SONY CORP	PVM8044Q	\$1,278	9/3/1997
4.1	241	154	CHARGER, BATTERY	SONY CORP	BLC100	\$1,140	1/27/1999
4.1	241	154	RECORDER, PLAYER	SONY CORP	EVO9500	\$1,819	9/12/1990
4.1	241	154	RECORDER, VIDEO CASSETTE	SONY CORP	BVV5	\$8,573	7/25/1991
4.1	241	156	RECORDER, VIDEO CASSETTE	SONY CORP	VO5800	\$3,510	8/10/1983
4.1	241	156	MONITOR, WAVEFORM	TEKTRONIX INC	1740	\$4,000	7/5/1984
4.1	241	156	MONITOR, TELEVISION	SONY CORP	PVM1342Q	\$849	10/20/1989
4.1	241	156	MONITOR, WAVEFORM	VIDEOTEK INC	TSM60	\$1,817	12/4/1989
4.1	241	156	GENERATOR, SYNC, TV	GRASS VALLEY GR	SCB200N	\$1,715	4/8/1991
4.1	241	156	RECORDER, VIDEO CASSETTE	J V C NIVICO V	BR7030U	\$3,485	9/26/1991
4.1	241	156	RECORDER, VIDEO CASSETTE	J V C NIVICO V	BR7030U	\$3,485	9/26/1991
4.1	241	156	RECORDER, VIDEO CASSETTE	J V C NIVICO V	BRS600U	\$895	9/26/1991
4.1	241	156	CORRECTOR, TIME BASE	FORA INC	FA310	\$3,065	9/26/1991
4.1	241	156	MONITORING SYSTEM, FILM	ATI TECHNOLOGIE	VU200	\$2,500	8/2/1996
4.1	241	156	MONITOR, TELEVISION	SONY CORP	PVM1344Q	\$900	8/2/1996
4.1	241	156	MODULATOR	CATEL TELECOMM	1531991	\$2,428	11/14/1991
4.1	241	156	RECORDER, VIDEO CASSETTE	SONY CORP	PVW2800	\$13,200	2/12/1992
4.1	241	156	RECORDER, VIDEO CASSETTE	JVC CO OF AMERI	BR-S3780	\$1,028	4/14/1993
4.1	241	156	SWITCHER, CHANNEL MATRIX	SIGMA ELECTRONI	SS2100-16	\$2,800	3/1/1994
4.1	241	156	RECORDER, VIDEO CASSETTE	JVC CO OF AMERI	BR5605UB	\$2,054	12/23/1994
4.1	241	156	RECORDER, VIDEO CASSETTE	SONY CORP	EVO9500A	\$1,920	1/25/1995
4.1	241	156	RECORDER, DIGITAL	SONY CORP	DVW-A500	\$55,930	10/2/1997
4.1	241	156	RECORDER, COMPACT DISK	LACIE LTD	4X6X YAMAHA	\$589	12/2/1997
4.1	241	156	COMPUTER, MICRO	APPLE COMPUTER	M4405	\$3,467	2/11/1998
4.1	241	156	PRINTER, LASERJET	XEROX CORP	N2025	\$1,747	10/3/2000
4.1	241	101A	PRINTER, ADP	APPLE COMPUTER	M5890	\$2,197	8/26/1993
4.1	241	101A	DISPLAY UNIT	SONY CORP	CPD20SF	\$725	1/16/1997
4.1	241	101A	COMPUTER, MICRO	APPLE COMPUTER	M3979	\$2,437	1/16/1997
4.1	241	109A	COMPUTER, MICRO	APPLE COMPUTER	M1206	\$3,521	9/9/1993
4.1	241	109A	CUTTER/PLOTTER	ZETA GRAPHICS C	3015	\$7,761	11/4/1993
4.1	241	109A	DISPLAY UNIT	SONY CORP	CPD20SF	\$725	1/16/1997
4.1	241	113A	CAMERA, COMPUTER VIDEO	SILICON GRAPHIC	CMNB006C	\$695	3/31/1997
4.1	241	113B	TELEVISION/VCR	PANASONIC	AG550	\$757	10/1/1991
4.1	241	113B	PRINTER, ADP	APPLE COMPUTER	M5890	\$1,915	3/24/1994
4.1	241	113B	PRINTER, ADP	APPLE COMPUTER	M5890	\$1,915	3/24/1994
4.1	241	113B	COMPUTER, MICRO	APPLE COMPUTER	NONE	\$2,939	2/3/1997
4.1	241	113B	COMPUTER, MICRO	APPLE COMPUTER	M3979	\$2,437	1/16/1997

SOW Function	Equip Bldg	Equip Room	Item Name	Manuf Name	Manuf Model No	Equip Cost	NASA Acq Date
4.1	241	113B	DISPLAY UNIT	SONY CORP	CPD200SF	\$695	2/11/1998
4.1	241	113B	DISPLAY UNIT	SONY CORP	CPD200SF	\$695	2/11/1998
4.1	241	154A	DISK DRIVE UNIT	STORAGE DIMENSI	MAC1-650S1B	\$2,275	5/6/1991
4.1	241	154A	MONITOR, TELEVISION	SONY CORP	PVM1342Q	\$570	1/23/1992
4.1	241	154A	RECORDER, VIDEO CASSETTE	PANASONIC	AG7750P	\$5,648	10/5/1993
4.1	241	154A	DISK DRIVE UNIT	APS TECHNOLOGIE	NONE	\$1,288	2/4/1994
4.1	241	154A	DISPLAY UNIT	APPLE COMPUTER	M2612	\$2,079	12/28/1994
4.1	241	154A	TAPE DRIVE UNIT	SUN MICROSYSTEM	411	\$1,150	10/10/1995
4.1	241	154A	DISPLAY UNIT	SONY CORP	GDM2900	\$3,966	2/11/1998
4.1	241	154A	COMPUTER, MINI	SILICON GRAPHIC	02 WORKSTATI	\$13,000	3/2/1998
4.1	241	154A	DISPLAY UNIT	SILICON GRAPHIC	GDM4011P	\$2,000	3/2/1998
4.1	241	154A	COMPUTER, MINI	SILICON GRAPHIC	CMNB015A	\$40,691	6/3/1999
4.1	241	154A	DISPLAY UNIT	SILICON GRAPHIC	GDM4011P	\$4,000	6/3/1999
4.1	241	154A	COMPUTER, MICRO	APPLE COMPUTER	M5183	\$2,575	7/28/1999
4.1	241	B15	EDITOR, MOTION PIC FILM	METRUM INFORMAT	16TP2S	\$7,995	1/23/1976
4.1	241	B15	PLAYER, VIDEO CASSETTE	SONY CORP	BVW60 (BETAC	\$16,841	2/9/1990
4.1	241	B15	RECORDER, VIDEO CASSETTE	SONY CORP	PVW2600 (BET	\$9,000	10/15/1991
4.1	241	B15	COMPUTER, PORTABLE	APPLE COMPUTER	M3553	\$5,993	2/11/1998
4.1	241	B15A	PLAYER, LASER DISK	PIONEER ELECTRO	LDV4400	\$1,015	10/6/1992
4.1	241	B15A	COMPUTER, PORTABLE	APPLE COMPUTER	M2785	\$2,806	9/18/1996
4.1	241	B16	ADAPTER, BKM42HD	SONY CORP	BKM42HD	\$6,080	1/27/1999
4.1	241	B16A	MONITOR, TELEVISION	SONY CORP	PVM1344Q	\$900	8/2/1996
4.1	241	B16A	RECORDER, VIDEO CASSETTE	PANASONIC	AG5200P	\$695	11/27/1991
4.1	241	B16A	DISPLAY UNIT	SONY CORP	GDM2038	\$2,371	10/15/1993
4.1	241	B16A	DISPLAY UNIT	NEC ELECTRONICS	JC1731VMA3	\$1,175	2/16/1994
4.1	241	B16A	RECORDER, DIGITAL	SONY CORP	DVW-A500	\$55,930	10/2/1997
4.1	241	B16A	MONITOR, VIDEO SYSTEM	SONY CORP	HDM14E1U	\$9,927	1/27/1999
4.1	241	B16A	INTERFACE UNIT, ADP	SONY CORP	PFV-HD50A	\$2,040	3/11/1999
4.1	241	B16A	COMPUTER, MICRO	APPLE COMPUTER	M5433	\$3,850	9/4/1997
4.1	241	B16A	DISPLAY UNIT	SONY CORP	GDMW900	\$3,966	2/11/1998
4.1	241	B16B	MONITOR, TELEVISION	SONY CORP	PVM19420	\$500	1/23/1992
4.1	241	B16B	MONITOR, WAVEFORM	VIDEOTEK INC	TVM620	\$3,140	9/16/1987
4.1	241	B16B	DISPLAY UNIT	SONY CORP	GDM2038	\$2,371	10/15/1993
4.1	241	B16B	DISPLAY UNIT	MITSUBISHI ELEC	HC3925L9ETK	\$1,382	8/9/1996
4.1	241	B16B	CAMCORDER, VIDEO	SONY CORP	BVW75	\$36,400	1/23/1997
4.1	241	B16B	COMPUTER, MICRO	APPLE COMPUTER	M5433	\$3,850	9/4/1997
4.1	241	B17	MONITOR, TELEVISION	SONY CORP	PVM8020	\$570	1/23/1992
4.1	241	B17	VECTORSCOPE	TEKTRONIX INC	1720	\$1,805	9/26/1991
4.1	241	B17	CORRECTOR, TIME BASE	FOR-A CORPORATI	FA400	\$4,460	9/8/1987
4.1	241	B17	TRIPOD, HEAD	ENVIROTECH CORP	50D	\$1,950	8/30/1985
4.1	241	B17	MONITOR, TELEVISION	SONY CORP	PVM5300	\$1,840	8/10/1983
4.1	241	B17	GENERATOR, SIGNAL	LEITCH AND CO	SPG120N	\$2,811	7/11/1983
4.1	241	B17	MONITOR, TELEVISION	SONY CORP	PVM8200T	\$636	8/17/1983
4.1	241	B17	MONITOR, TELEVISION	SONY CORP	PVM8200T	\$636	8/17/1983
4.1	241	B17	MONITOR, TELEVISION	SONY CORP	PVM8200T	\$636	8/17/1983
4.1	241	B17	MONITOR, TELEVISION	SONY CORP	PVM8200T	\$636	8/17/1983
4.1	241	B17	TRIPOD, VIDEO	ENVIROTECH CORP	102B	\$4,550	1/22/1983
4.1	241	B17	TIME BASE CORRECTOR	HARRIS VIDEO SY	540	\$5,750	9/17/1984
4.1	241	B17	DISPLAY UNIT	APPLE COMPUTER	M0401	\$694	7/11/1989
4.1	241	B17	RECORDER, VIDEO CASSETTE	SONY CORP	PVW2650 (BET	\$13,100	9/25/1992
4.1	241	B17	DISK DRIVE UNIT	STORAGE DIMENSI	MACB120	\$549	5/27/1993
4.1	241	B17	DISK DRIVE UNIT	APS TECHNOLOGIE	NONE	\$1,288	2/4/1994
4.1	241	B17	DISK DRIVE UNIT	APS TECHNOLOGIE	NONE	\$1,288	2/4/1994
4.1	241	B17	DISK DRIVE UNIT	APS TECHNOLOGIE	APS Q127	\$1,567	3/7/1994
4.1	241	B17	DISK DRIVE UNIT	APS TECHNOLOGIE	APS Q127	\$1,567	3/7/1994
4.1	241	B17	DISK DRIVE UNIT	APS TECHNOLOGIE	NONE	\$1,288	3/18/1994
4.1	241	B17	DISK DRIVE UNIT	APS TECHNOLOGIE	1000	\$1,369	6/22/1994
4.1	241	B17	RECORDER, DIGITAL, MULTI-TRA	UNKNOWN (VERIFI	DA88	\$4,385	12/20/1994
4.1	241	B17	DISK DRIVE UNIT	APS TECHNOLOGIE	NONE	\$1,369	3/7/1995
4.1	241	B17	SWITCHER, VIDEO	SIGMA ELECTRONI	1616MV	\$3,850	11/21/1994
4.1	241	B17	SWITCHER, VIDEO	SIGMA ELECTRONI	1616SLV	\$3,850	11/21/1994
4.1	241	B17	TRANSPORT, MAGNETIC TAPE	APS TECHNOLOGIE	HYPERDAT	\$1,300	11/4/1994
4.1	241	B17	DISK DRIVE UNIT	APS TECHNOLOGIE	NONE	\$814	11/4/1994
4.1	241	B17	SWITCHER, VIDEO	GRASS VALLEY GR	110	\$15,633	7/21/1995
4.1	241	B17	DISPLAY UNIT	APPLE COMPUTER	M1823	\$1,835	5/25/1996
4.1	241	B17	PLAYER, COMPACT DISK	CLARIION STORAG	401MK2	\$895	11/13/1996
4.1	241	B17	CONTROL UNIT, CAMERA	SONY CORP	CCU-M5	\$1,805	8/11/1997

SOW Function	Equip Bldg	Equip Room	Item Name	Manuf Name	Manuf Model No	Equip Cost	NASA Acq Date
4.1	241	B17	CONTROL UNIT, CAMERA	SONY CORP	CCU-M5	\$1,805	8/11/1997
4.1	241	B17	CONTROL UNIT, CAMERA	SONY CORP	CCU-M5	\$1,805	8/11/1997
4.1	241	B17	MONITOR, TELEVISION	SONY CORP	PVM8044Q	\$1,278	9/3/1997
4.1	241	B17	MONITOR, TELEVISION	SONY CORP	PVM8044Q	\$1,278	9/3/1997
4.1	241	B17	CONSOLE, DIGITAL RECORDING	YAMAHA CORP	02R	\$12,874	6/29/1998
4.1	241	B17	CAMCORDER, VIDEO	SONY CORP	HDW700PAC	\$75,500	1/27/1999
4.1	241	B17	RECORDER, VIDEO CASSETTE	SONY CORP	HDW500	\$58,500	8/20/1998
4.1	241	B17	POWER SUPPLY	TIMELINE INC	MICROLYNX	\$4,008	9/15/1998
4.1	241	B17	COMPUTER, MICRO	APPLE COMPUTER	M5433	\$3,850	9/4/1997
4.1	241	B17	MIXER, AUDIO	SONY CORP	MXP390	\$6,388	11/13/1996
4.1	241	B17	SYNTHESIZER, DIGITAL	KURZWELL	K2500X	\$5,680	6/29/1998
4.1	241	B17	TELEVISION SYSTEM	SONY CORP	PFM500AIW	\$10,000	12/11/1998
4.1	241	B17	MONITOR, TELEVISION HDTV	SONY CORP	BVM-D9H5U	\$5,143	11/14/2000
4.1	241	B24A	MONITOR, TELEVISION	ZENITH CONTRACT	H3541DT	\$1,600	10/1/1997
4.1	241	B26	COMPUTER, MICRO	APPLE COMPUTER	M4300	\$42,592	1/3/1994
4.1	241	B26	DISPLAY UNIT	MITSUBISHI ELEC	HC3925ETK	\$1,658	2/4/1994
4.1	241	B26	DISPLAY UNIT	NEC ELECTRONICS	JC1731VMA3	\$1,425	10/25/1994
4.1	241	B26	COMPUTER, MICRO	APPLE COMPUTER	M4300	\$5,216	10/25/1994
4.1	241	LOT	TRUCK, VAN	CHRYSLER CORP W	RAM250	\$9,247	2/1/1993
4.1	241	PKLOT	MONITOR, TV WAVEFORM	TEKTRONIX INC	1760	\$4,837	9/19/1995
4.1	241	PKLOT	RECORDER, VIDEO CASSETTE	SONY CORP	BVW70 (BETAC	\$24,375	8/23/1989
4.1	241	PKLOT	MIXER, AUDIO	SOUND-CRAFT SYS	DELTA16	\$4,040	10/30/1990
4.1	241	PKLOT	AUDIO PRESSBOX	OPAMP LABS INC	A182ML	\$1,974	10/24/1991
4.1	241	PKLOT	RECORDER, VIDEO CASSETTE	SONY CORP	PVW2600	\$8,800	2/12/1992
4.1	241	PKLOT	TRUCK, SPECIAL PURPOSE	FORD MOTOR CO	E350	\$88,618	10/1/1996
4.1	241	PKLOT	SWITCHER, VIDEO	SONY CORP	BVS3200C	\$26,109	1/23/1997
4.1	241	PKLOT	GENERATOR, SYNC	GRASS VALLEY GR	9520A	\$3,992	1/23/1997
4.1	241	PKLOT	MONITOR, TELEVISION	SONY CORP	PVM1354Q	\$1,055	9/1/1996
4.1	241	PKLOT	PLAYER, COMPACT DISK	SONY CORP	CPD2700	\$1,139	1/9/1996
4.1	241	PKLOT	CONTROL UNIT, CAMERA	SONY CORP	CCUM5	\$1,805	1/9/1996
4.1	241	PKLOT	CONTROL UNIT, CAMERA	SONY CORP	CCUM5	\$1,805	1/9/1996
4.1	241	VAN	CONTROL UNIT, CAMERA	SONY CORP	CCU-M5	\$1,805	8/11/1997
4.1	204A	102	MICROSCOPE, STEREO	BAUSCH AND LOMB	SKV1070	\$1,501	9/20/1977
4.1	255H	HOME	COMPUTER, PORTABLE	APPLE COMPUTER	M4753	\$3,836	5/20/1999
4.1	N583C	NONE	RECORDER, VIDEO CASSETTE	SONY CORP	BVW22 (BETAC	\$4,247	5/10/1991
4.1	N583C	NONE	RECORDER, REPRODUCER	TEAC CORP OF AM	3340S	\$1,149	7/11/1975
4.1	N583C	NONE	PROCESSOR, IMAGE SYSTEM	FOR-A CORPORATI	MF2000	\$16,956	7/24/1989
4.1	241	B7	COPYING MACHINE	XEROX CORP	1090	\$49,338	4/14/1992
4.1	241	B7	STITCHER, PAPER	ACME STEEL F-ACME	510	\$4,301	7/12/1985
4.1	241	B7	STITCHER, BOOK-PAMPHLET	ACME STEEL F-ACME	S3A	\$1,443	2/1/1967
4.1	241	B7	DRILLING MACHINE, PAPER	CHALLENGE MACHIN	EH3A	\$2,251	8/29/1975
4.1	241	B7	PUNCHING MACHINE, ELECTRIC	GENERAL BINDING CO	111PM	\$2,097	9/19/1989
4.1	241	B7	COPYING MACHINE, BLUEPRINT	XEROX CORP	3080	\$40,000	2/26/1992
4.1	241	B7	STITCHER, BOOK-PAMPHLET	ACME STEEL F-ACME	S3A	\$6,861	12/20/1993
4.1	241	B7	DISPLAY UNIT	SUN MICROSYSTEMS	GDM-20D10	\$2,392	9/6/1994
4.1	241	B7	DISPLAY UNIT	SONY CORP	CPD1730	\$939	6/28/1994
4.1	241	B7	TRANSPORT, MAGNETIC TAPE	SUN MICROSYSTEMS	411	\$1,200	9/6/1994
4.1	241	B7	PLAYER, COMPACT DISK	SUN MICROSYSTEMS	411	\$734	9/6/1994
4.1	241	B7	COMPUTER, MINI	SUN MICROSYSTEMS	144	\$10,000	9/6/1994
4.1	241	B7	COMPUTER, MICRO	AST RESEARCH INC	273W	\$1,275	10/3/1995
4.1	241	B25	DISPLAY UNIT	APPLE COMPUTER INC	M4436	\$687	4/19/1996
4.1	241	B25	COMPUTER, MICRO	APPLE COMPUTER INC	M3979	\$1,754	4/19/1996
4.1	241	B26	DENSITOMETER	X-RITE INC	404	\$1,650	4/19/1996
4.1	241	B24A	DISPLAY UNIT	SONY CORP	CPD17SF1	\$895	1/11/1996
4.1	241	B7	PAPER DUPLICATOR, DIGITAL	A.B. DICK CO.	6790	\$18,326	7/16/1996
4.1	241	B7	FOLDING MACHINE	BAUMFOLDER CORP	714C	\$5,795	9/13/1996
4.1	241	B7	STACKER, PRINTER PAPER	BOURG C P	BST 10	\$14,452	12/15/1997
4.1	241	B7	COLLATOR	BOURG C P	TD-T	\$14,452	12/15/1997
4.1	241	B25	COPYING MACHINE	XEROX CORP	DOCUTECH135	\$178,200	9/4/1997
4.1	241	B25	DISPLAY UNIT	SONY CORP	CPD200SF	\$695	2/11/1998
4.1	241	B26	COMPUTER, MICRO	LINK TECHNOLOGY	FC007	\$11,500	6/4/1998
4.1	241	B25	COPIER, DIGITAL	XEROX CORP	DC230X	\$18,705	9/3/1999
4.1	241	B24A	STAND, LIGHT	CLARIION STORAGE C	EVS2540FS	\$1,955	5/31/2000
4.1	241	B25	COPYING MACHINE	XEROX CORP	Docutech 65	\$14,630	10/26/1995
4.1	241	B7	PRINTER, LASERJET	XEROX CORP	N2025	\$1,747	10/30/2000
4.1	241	B7	COMPUTER, MICRO	MICRON COMPUTER I	800MHZ	\$1,100	6/12/2001
4.1	241	B7	CUTTER, PAPER	CLARIION STORAGE C	265D	\$13,916	11/21/2000

SOW Function	Equip Bldg	Equip Room	Item Name	Manuf Name	Manuf Model No	Equip Cost	NASA Acq Date
4.1	241	B7	COMPUTER, MICRO	CLARIION STORAGE	C EX2000	\$43,235	2/1/2001
4.1	241	B7	PRINTER, DIGITAL	XEROX CORP	DC2045	\$99,260	2/1/2001
4.1	241	B7	BINDING MACHINE	VELO-BIND INC	323	\$2,876	2/27/1990
4.1	241	B7	DISPLAY UNIT	APPLE COMPUTER INC	M4436	\$687	4/19/1996
4.1	241	B7	COMPUTER, MICRO	APPLE COMPUTER INC	M3098	\$6,057	4/19/1996
4.1	241	B7	COMPUTER, MICRO	APPLE COMPUTER INC	M5183	\$2,746	4/15/1999
4.1	202	101	DISPLAY UNIT	DELL COMPUTER COR	D1726T-HS	\$500	6/3/2001
4.1	202	101	PRINTER, LASERJET	TEKTRONIX INC	PHASER	\$2,295	8/29/2004
4.1	202	101	PRINTER, LASERJET	HEWLETT-PACKARD (	2100	\$1,079	8/29/2004
4.1	202	101	COMPUTER, MICRO	DELL COMPUTER COR	PRO166	\$2,355	2/11/2001
4.1	202	101	DISPLAY UNIT	DELL COMPUTER COR	D825HT	\$700	10/16/2001
4.1	202	101	DISPLAY UNIT	DELL COMPUTER COR	M780	\$600	5/1/2003
4.1	202	101	COMPUTER, MICRO	DELL COMPUTER COR	DIMENSION4100	\$1,539	9/1/2004
4.1	202	101	COMPUTER, MICRO	DELL COMPUTER COR	DIMENSION4100	\$1,539	9/1/2004
4.1	202	101	PLAYER, LASER DISK	PIONEER ELECTRONIC	CLD-V2400	\$899	10/20/1997
4.1	202	101	DISPLAY UNIT	NEC ELECTRONICS US	JC1532VMA2	\$580	10/5/1998
4.1	202	101	DISPLAY UNIT	APPLE COMPUTER INC	M2494	\$941	7/27/1999
4.1	202	101	COMPUTER, MICRO	DELL COMPUTER COR	P166	\$2,355	2/11/2001
4.1	202	101	COMPUTER, MICRO	DELL COMPUTER COR	P166	\$2,355	2/11/2001
4.1	202	101	MONITOR, TELEVISION	MITSUBISHI ELECTRO	VS6087	\$4,299	11/26/2001
4.1	202	101	DISPLAY UNIT	SONY CORP	CPD520GS	\$1,020	5/7/2003
4.1	202	101	COMPUTER, MICRO	APPLE COMPUTER INC	M3979	\$1,799	1/23/2002
4.1	202	101	PRINTER, LASER	HEWLETT-PACKARD (	C4121A	\$1,545	4/8/2003
4.1	202	101	COMPUTER, MICRO	DELL COMPUTER COR	MMS	\$2,131	5/1/2003
4.1	202	101	COMPUTER, MICRO	DELL COMPUTER COR	MMS	\$2,131	5/1/2003
4.1	202	101	PRINTER, LASERJET	HEWLETT-PACKARD (	2100	\$1,079	8/29/2004
4.1	202	101	COMPUTER, MICRO	NOW ELECTRONICS	PENTIUM	\$3,829	7/6/2000
4.1	202	202	DISPLAY UNIT	NEC ELECTRONICS US	JC2141UMA	\$2,039	8/20/1998
4.1	202	202	DISPLAY UNIT	NEC ELECTRONICS US	JC2141UMA	\$2,039	3/11/2001
4.1	202	202	COMPUTER, MICRO	DELL COMPUTER COR	MMS	\$2,131	5/1/2003
4.1	202	206	DISPLAY UNIT	DELL COMPUTER COR	M780	\$600	5/1/2003
4.1	202	206	COMPUTER, MICRO	DELL COMPUTER COR	DIMENSION4100	\$1,539	9/1/2004
4.1	202	206	MONITOR/PLAYER, VIDEO CASSE	OSCARVISION SYSTEM	TVP1300RC	\$699	10/5/1995
4.1	202	206	DISPLAY UNIT	DELL COMPUTER COR	D825HT	\$700	10/16/2001
4.1	202	206	COMPUTER, MICRO	DELL COMPUTER COR	XPS266MHZ	\$2,447	10/16/2001
4.1	202	206	DISPLAY UNIT	DELL COMPUTER COR	M780	\$600	5/1/2003
4.1	202	206	PRINTER, LASERJET	HEWLETT-PACKARD (	4050	\$1,595	9/7/2004
4.1	202	206	COMPUTER, MICRO	DELL COMPUTER COR	DIMENSION4100	\$1,539	9/1/2004
4.1	202	206	DISPLAY UNIT	SONY CORP	CPD20SF	\$725	1/17/2001
4.1	202	206	COMPUTER, MICRO	DELL COMPUTER COR	MMS	\$2,252	8/22/2002
4.1	202	201B	COMPUTER, MICRO	APPLE COMPUTER INC	M3979	\$2,437	1/17/2001
4.1	202	201B	PRINTER, LASER	HEWLETT-PACKARD (	C4121A	\$1,545	4/8/2003
4.1	202	201C	COMPUTER, MICRO	DELL COMPUTER COR	XPS 300MHZ PEN	\$3,036	2/12/2002
4.1	202	201C	PRINTER, LASERJET	HEWLETT-PACKARD (	2100	\$1,079	8/29/2004
4.1	202	201D	DISPLAY UNIT	DELL COMPUTER COR	D825HT	\$500	6/3/2001
4.1	202	201D	COMPUTER, MICRO	SONY CORP	PCV220	\$1,899	1/23/2002
4.1	202	201D	DISPLAY UNIT	SONY CORP	CPD200ES	\$627	2/12/2002
4.1	202	201D	PRINTER, LASERJET	XEROX CORP	DOCUPRINT 55M	\$4,381	2/12/2002
4.1	202	201D	COMPUTER, MICRO	DELL COMPUTER COR	DIMENSION XPS	\$2,139	3/31/2004
4.1	202	201D	PRINTER, LASERJET	HEWLETT-PACKARD (	2100	\$1,037	8/29/2004
4.1	202	201D	COMPUTER, MICRO	DELL COMPUTER COR	MM6	\$2,252	8/22/2002
4.1	202	202A	PRINTER, ADP	HEWLETT-PACKARD (	C2039A	\$2,159	11/23/1998
4.1	202	202A	COMPUTER, MICRO	DELL COMPUTER COR	XPS266MHZ	\$2,447	10/16/2001
4.1	202	202A	PRINTER, LASER	HEWLETT-PACKARD (	C4170A	\$699	9/15/2003
4.1	202	B1	READER, MICROFICHE	CANON CAMERA CO I	MICROPRINTER9	\$5,686	3/23/2005
4.1	202	B1	PRINTER, LASERJET	HEWLETT-PACKARD (	2200DTN	\$1,398	10/4/2005
4.1	202	B10	DISPLAY UNIT	NEC ELECTRONICS US	JC1404HMA1	\$665	7/24/1995
4.1	202	B10	PRINTER, ADP	HEWLETT-PACKARD (	C2001A	\$2,274	2/5/1997
4.1	202	B10	PRINTER, ADP	HEWLETT-PACKARD (	C2021A	\$1,896	2/16/1998
4.1	202	B10	PRINTER, ADP	HEWLETT-PACKARD (	C2021A	\$1,896	2/16/1998
4.1	202	B10	DISPLAY UNIT	NEC ELECTRONICS US	JC1532VMA2	\$580	10/5/1998
4.1	202	B10	COMPUTER, MICRO	APPLE COMPUTER INC	M1688	\$4,754	7/27/1999
4.1	202	B10	COMPUTER, MICRO	MICRO ELECTRONICS	M55HIPLUS-P166	\$3,756	7/9/2000
4.1	202	B10	COMPUTER, MICRO	DELL COMPUTER COR	PRO200	\$2,699	2/11/2001
4.1	202	B10	COMPUTER, MICRO	DELL COMPUTER COR	PRO166	\$2,355	2/11/2001
4.1	202	B10	COMPUTER, MICRO	DELL COMPUTER COR	I200	\$2,199	6/3/2001
4.1	202	B10	COMPUTER, MICRO	DELL COMPUTER COR	XPS266MHZ	\$2,447	10/16/2001



SOW Function	Equip Bldg	Equip Room	Item Name	Manuf Name	Manuf Model No	Equip Cost	NASA Acq Date
4.1	202	B8	TERMINAL, SERVER	RARITAN COMPUTER	MC16	\$2,946	2/6/1997
4.1	202	B8	DISPLAY UNIT	NEC ELECTRONICS US	JC1532VMA2	\$580	10/5/1998
4.1	202	B8	COMPUTER, MINI	SUN MICROSYSTEMS		\$18,490	10/14/1999
4.1	202	B8	DISPLAY UNIT	SUN MICROSYSTEMS	GDM20D10 544	\$2,000	10/14/1999
4.1	202	B8	TAPE DRIVE UNIT	SUN MICROSYSTEMS		\$1,150	10/14/1999
4.1	202	B8	DISK DRIVE UNIT	SUN MICROSYSTEMS		\$2,613	10/14/1999
4.1	202	B8	COMPUTER, MICRO	NEC ELECTRONICS US	PC6110-11602D	\$11,666	4/9/2000
4.1	202	B8	TAPE DRIVE UNIT	HEWLETT-PACKARD (C	C1529F	\$1,286	12/19/1999
4.1	202	B8	COMPUTER, MICRO	MICRO ELECTRONICS	M6PI200MHZ-PRC	\$4,480	7/9/2000
4.1	202	B8	DISK DRIVE UNIT	MERIDIAN LABORATC	NR1/7	\$2,629	3/21/2001
4.1	202	B8	DISK DRIVE UNIT	MERIDIAN LABORATC	NR1/7	\$2,629	3/21/2001
4.1	202	B8	DISPLAY UNIT	DELL COMPUTER COR	D825HT	\$500	6/3/2001
4.1	202	B8	DISK DRIVE UNIT	LOGICRAFT INC	CD 400X	\$1,710	8/6/2001
4.1	202	B8	DISK DRIVE UNIT	LOGICRAFT INC	7050-20CD700X	\$2,425	8/6/2001
4.1	202	B8	COMPUTER, MICRO	DELL COMPUTER COR	8MM	\$3,854	8/22/2002
4.1	202	B8	COMPUTER, MICRO	DELL COMPUTER COR	8MM	\$3,854	8/22/2002
4.1	202	B8	COMPUTER, MICRO	DELL COMPUTER COR	MMS	\$2,131	5/1/2003
4.1	202	B8	COMPUTER, MICRO	DELL COMPUTER COR		\$10,311	5/2/2004
4.1	202	B8	DISPLAY UNIT	IBM	NONE	\$1,899	8/29/2004
4.1	202	B8	COMPUTER, PORTABLE	COMPAQ COMPUTER	(NONE	\$2,066	8/29/2004
4.1	202	B8	PROJECTOR	PROXIMA	DX3	\$5,244	8/22/2004
4.1	202	B8	SWITCH	3COM CORP		\$1,599	8/29/2004
4.1	202	B8	POWER SUPPLY	APC	NONE	\$1,411	8/29/2004
4.1	202	B8	POWER SUPPLY	APC	NONE	\$1,411	8/29/2004
4.1	202	B9	DEVELOPER, FICHE	CONNECTICUT MICRC	GEM-SD	\$1,715	2/13/1996
4.1	202	B9	EXPOSURE UNIT, FICHE	CONNECTICUT MICRC	GEM-SD	\$1,710	2/13/1996
4.1	202	B9	COMPUTER, MICRO	DELL COMPUTER COR	MM6	\$2,252	8/22/2002
4.1	202	B9	DISPLAY UNIT	SONY CORP	CPD520GS	\$1,020	5/7/2003
4.1	202	B9	IMAGING SYSTEM, MBI	CANON U.S.A	MP90	\$9,000	9/19/2004
4.1	239	B39	DISPLAY UNIT	DELL COMPUTER COR	D825HT	\$500	6/3/2001
4.1	239	B39	COMPUTER, MICRO	DELL COMPUTER COR	XPS266MHZ	\$2,447	10/16/2001
4.1	239	B39	COMPUTER, MICRO	DELL COMPUTER COR	L550R	\$1,038	3/22/2004
4.1	239	B39	COMPUTER, MICRO	DELL COMPUTER COR	L550R	\$1,038	3/22/2004
4.1	239	B53	COMPUTER, MICRO	ADVANCED COMPUTI		\$2,274	10/31/1993
4.1	239	B53	MONITOR, TELEVISION	NEC ELECTRONICS US	PR2600S	\$775	3/27/1995
4.1	239	B53	PRINTER, ADP	HEWLETT-PACKARD (C	C2001A	\$1,825	9/17/1997
4.1	239	B53	DISPLAY UNIT	GATEWAY 2000	CS1572DG	\$505	9/17/1998
4.1	239	B53	DISPLAY UNIT	DELL COMPUTER COR	D825HT	\$500	6/3/2001
4.1	239	B53	READER-PRINTER, MICROFICHE	CANON CAMERA CO I	MP90	\$6,225	9/3/2002
4.1	239	B53	DISPLAY UNIT	DELL COMPUTER COR	D825HT	\$700	10/16/2001
4.1	239	B53	DISPLAY UNIT	GATEWAY 2000	CS1572DG	\$505	9/17/1998
4.1	241	100	PRINTER, LASERWRITER	APPLE COMPUTER INC	M2471	\$2,068	5/26/2000
4.1	269	200	PRINTER, LASERJET	HEWLETT-PACKARD (C	C2039A	\$1,830	4/9/2000
4.1	269	202	DISPLAY UNIT	SONY CORP	CPD200ES	\$627	2/12/2002
4.1	269	202	COMPUTER, MICRO	DELL COMPUTER COR	XPS 300MHZ PEN	\$3,036	2/12/2002
4.1	202A	101	READER, MICROFICHE	CANON CAMERA CO I	MP90	\$8,931	9/27/2004
4.1	255B	HOME	COMPUTER, PORTABLE	APPLE COMPUTER INC	M7698	\$1,587	9/11/2005
4.2	241	B	MONITOR, TELEVISION	SONY CORP	PVM1910	\$695	1/14/1985
4.2	241	A	MONITOR, TELEVISION	SONY CORP	PVM1910	\$695	1/14/1985
4.2	241	B	DISPLAY UNIT	APPLE COMPUTER INC	M2494	\$888	9/20/1994
4.2	241	147	MONITOR, TELEVISION	NEC ELECTRONICS US	PR2600S	\$800	9/19/1989
4.2	241	B1	MONITOR, TELEVISION	NEC ELECTRONICS US	PR2600S	\$800	9/19/1989
4.2	241	B-1	MONITOR, TELEVISION	MITSUBISHI CABLE IN	CS27201	\$515	3/17/1995
4.2	241	B34	MONITOR, TELEVISION	DAEWOO ELECTRONI	DTQ2023FC	\$600	5/25/1995
4.2	241	B1	PROJECTOR, OVERHEAD	3 M BUSINESS PRODU		\$1,050	7/24/1996
4.2	241	147	PROJECTOR, COMPUTER VIDEO	INFOCUS SYSTEMS IN	LITEPRO 580	\$7,474	8/9/1996
4.2	241	147	MONITOR, TELEVISION	MITSUBISHI ELECTRIC	CS32307	\$879	9/30/1996
4.2	241	145	PRINTER, LASERJET	HEWLETT-PACKARD (C	C3917A	\$1,685	1/30/1997
4.2	241	149	PROJECTOR, LCD	NEC AMERICA INC	MT1050	\$8,147	9/5/2001
4.2	241	B-2	OVERHEAD PROJECTOR	BUHL 2900	2914	\$334	5/1/1995
4.2	241	B-1	OVERHEAD PROJECTOR	BUHL 2900	2914	\$350	5/1/1995
4.3	241	224	CPU	Compaq DeskPro	EN	\$1,250	7/6/2001
4.3	241	224	CPU	Compaq DeskPro	EN	\$1,250	8/28/2001
4.3	241	224	CPU	Compaq DeskPro	EN	\$1,250	7/10/2001
4.3	241	213	CPU	Compaq DeskPro	EN	\$1,250	7/17/2001
4.3	241	213	CPU	Compaq DeskPro	EN	\$1,250	9/14/2001
4.3	241	213	CPU	Compaq DeskPro	EN	\$1,250	2002

SOW Function	Equip Bldg	Equip Room	Item Name	Manuf Name	Manuf Model No	Equip Cost	NASA Acq Date
4.3	241	224	Monitor	Daewoo	902D	\$250	7/6/2001
4.3	241	224	Monitor	Daewoo	902D	\$250	8/28/2001
4.3	241	224	Monitor	Daewoo	902D	\$250	7/10/2001
4.3	241	213	Monitor	Daewoo	902D	\$250	7/17/2001
4.3	241	213	Monitor	Daewoo	902D	\$250	9/14/2001
4.3	241	213	Monitor	Daewoo	902D	\$250	2002
4.3	241	224	PRINTER, FIP	HP LaserJet III	33449A	\$1,514	1995
4.3	241	213	PRINTER, FIP	HP LaserJet III	33449A	\$1,514	1995
4.3	241	224	TYPEWRITER	INTERNAT'L BUS. MAC	6783	\$577	91/07/25
4.3	241	213	TYPEWRITER	INTERNAT'L BUS. MAC	6783	\$577	91/07/25
4.4	19	1091	21 "Flatron LCD monitor	LG	Im295b.axltu	\$3,308	4/15/2002
4.4	19	1091	21 "Flatron LCD monitor	LG	Im295b.axltu	\$3,308	4/16/2002
4.4	19	1091	Compaq Evo 550 PC	Compaq	Evo 550	\$3,800	3/15/2002
4.4	19	1091	Compaq Evo 550 PC	Compaq	Evo 550	\$3,800	3/15/2002
4.4	19	1091	Compaq Evo 550 PC	Compaq	Evo 550	\$3,800	3/15/2002
4.4	19	1091	Apple Cube G4	Apple	Apple Cuble G4	\$3,800	N/A
4.5	202A	215	RECORDER, VIDEO CASSETTE	MITSUBISHI ELECTRIC	U65	\$780	10/18/1991
4.5	202A	211B	MONITOR, TELEVISION	MITSUBISHI ELECTRIC	CS2715R	\$690	10/18/1991
4.5	202A	219	COMPUTER, PORTABLE	APPLE COMPUTER INC	M4880	\$3,545	9/21/1994
4.5	202A	215	COMPUTER, MICRO	APPLE COMPUTER INC	M3590	\$3,181	1/13/1995
4.5	202A	215	DISPLAY UNIT	APPLE COMPUTER INC	M2494	\$885	10/12/1995
4.5	202A	215	CAMERA, DIGITAL	OLYMPUS AMERICA	TD450	\$600	2/1/2000
4.5	202A	211	FACSIMILE MACHINE	PITNEY-BOWES	9820	\$2,675	2/3/1997
4.5	202A	215	POWER SUPPLY	APC	3000	\$1,459	1/7/2000
4.5	202A	203	FACSIMILE MACHINE	PITNEY-BOWES INC	F 1530	\$999	8/8/2000
4.5	202A	215	PROJECTOR, MULTIMEDIA	MITSUBISHI ELECTRIC	X70	\$5,258	9/14/2000
4.5	202A	211A	PRINTER, LASERJET	HEWLETT-PACKARD	C4050N	\$1,607	6/21/2001
4.5	202A	215	COMPUTER, MICRO	APPLE COMPUTER INC	M5183	\$1,407	7/25/2001
4.5	202A	215	SERVER	DELL COMPUTER CORP	300SC	\$2,340	5/16/2001
4.6	223	VIC	EXHIBIT, MERCURY CAP, F/SCALE	NATIONAL AERONAU	MSF3/25	\$20,000	1974
4.6	223	VCEN	MODEL, SATURN V, 1/48 SCALE	NATIONAL AERONAU	NONE	\$1,000	1981
4.6	HNGRI	NONE	SIMULATOR-TRAINER, FLIGHT	SINGER CO LINK FLIG	GATI	\$35,790	1974
4.6	223	VCEN	MONITOR, TELEVISION	NEC ELECTRONICS US	CT2505A	\$790	1985
4.6	226	201	RECEIVING SET, TELEVISION	J V C NIVICO VICTOR	AV3589S	\$1,557	1991
4.6	223	110	COMPUTER, PORTABLE	APPLE COMPUTER INC	M3553	\$4,336	1997
4.6	204	214	COMPUTER, PORTABLE	APPLE COMPUTER INC	M3553	\$4,336	1997
4.6	223	110	COMPUTER, PORTABLE	APPLE COMPUTER INC	M3553	\$4,336	1997
4.6	223	VCEN	PLAYER, VIDEO CASSETTE	SONY CORP	VP7020	\$1,250	1991
4.6	223	VCEN	PLAYER, LASER DISK	PIONEER ELECTRONIC	LD838D	\$585	1991
4.6	223	VCEN	RECORDER, VIDEO CASSETTE	SONY CORP	VP7020	\$1,250	1991
4.6	248	C141	RECORDER, VIDEO CASSETTE	PANASONIC	AG1960	\$1,045	1991
4.6	248	C141	TAPE DRIVE UNIT	HEWLETT-PACKARD	C35480A	\$1,050	1994
4.6	248	C141	TAPE DRIVE UNIT	HEWLETT-PACKARD	C35480A	\$1,050	1994
4.6	248	C141	DISK DRIVE UNIT	ARTECON INC	RCUOS1R1	\$837	1992
4.6	248	C141	AMPLIFIER, VIDEO	GRASS VALLEY GROU	7510N	\$3,318	1993
4.6	248	C141	CONTROL UNIT, DATA ACQUISITI	HEWLETT-PACKARD	C3497A	\$2,200	1987
4.6	248	C141	CHASSIS, 4 SLOT	ARTECON INC	RSU4	\$2,817	1991
4.6	248	C141	CAMERA, TELEVISION	KAO INC	5962/0000L	\$16,403	1987
4.6	248	C141	CAMERA, TELEVISION	KAO INC	5962/0000L	\$16,403	1987
4.6	248	C141	INERTIAL STABILIZATION	PRECISION PRODUCTS	50560-301	\$73,151	1985
4.6	248	C141	RADIOMETER	BARNES ENGINEERING	12-880	\$16,165	1985
4.6	223	EVENT	RECORDER, VIDEO CASSETTE	SONY CORP	VO5600	\$1,765	1982
4.6	223	VCEN	AIRCRAFT, DISPLAY MODEL	LOCKHEED CP LOCKE	F-104G	\$750,000	1975
4.6	223	VCEN	AIRCRAFT, DISPLAY MODEL	MICROTURBO N. AME	AD-1	\$234,341	1979
4.6	223	VCEN	AIRCRAFT, DISPLAY MODEL	ROCKWELL INT'L NOF	HIMAT	\$8,637,665	1978
4.6	CAMP	PARKS	MODEL, AEROLASTIC SSV	NATIONAL AERONAU	NONE	\$2,000	1900
4.6	223	114	SAMPLER, GAS, CRYOGENIC	RESEARCH DEVICES I	GAS-2	\$2,470	1975
4.6	223	VCEN	AIRCRAFT, DISPLAY MODEL	LOCKHEED CP LOCKE	C-141A	\$5,452,670	1971
4.6	248	C141	TELESCOPE SYSTEM	OWENS-ILLINOIS INC	NONE	\$4,322,934	1981
4.6	248	C141	PUMP, VACUUM	SARGENT-WELCH SCI	1397B	\$1,165	1976
4.6	223	DISPL	KIT, RIGGING CONTROL	LOCKHEED CP LOCKE	65549A	\$3,538	1974
4.6	223	GIFT	RECORDER, VIDEO CASSETTE	SONY CORP	VO5600	\$1,775	1982
4.6	248	C141	CAMERA, TELEVISION	COHU INC ELECTR DV	2856-224	\$10,213	1974
4.6	248	C141	MONITOR, TELEVISION	PANASONIC	WV5362	\$667	1984
4.6	248	C141	CAMERA, LINE SCAN	FAIRCHILD CAMERA	/ CCD1500R	\$1,500	1984
4.6	248	C141	CAMERA, LINE SCAN	FAIRCHILD CAMERA	/ CCD1500R	\$1,500	1984
4.6	248	C141	CAMERA, LINE SCAN	FAIRCHILD CAMERA	/ CCD1500R	\$1,500	1984

SOW Function	Equip Bldg	Equip Room	Item Name	Manuf Name	Manuf Model No	Equip Cost	NASA Acq Date
4.6	248	C141	MONITOR, TELEVISION	PANASONIC	WV5361	\$3,722	1984
4.6	248	C141	PROCESSOR, VIDEO	QUANTEX CORP	DS50	\$7,295	1988
4.6	223	110	PRINTER, ADP	APPLE COMPUTER INC	M6000	\$3,148	1990
4.6	248	C141	COMPUTER, MINI	SUN MICROSYSTEMS	4/60FGX8	\$9,145	1989
4.6	248	C141	DISPLAY UNIT	SONY CORP	GDM1604A15	\$3,062	1989
4.6	248	C141	MONITOR, TELEVISION	CONRAC CORP	SNA15RS	\$2,100	1990
4.6	248	C141	MONITOR, TELEVISION	CONRAC CORP	SNA15RS	\$2,100	1990
4.6	248	C141	MONITOR, TELEVISION	CONRAC CORP	SNA15RS	\$2,100	1990
4.6	248	C141	MONITOR, TELEVISION	CONRAC CORP	SNA15RS	\$2,100	1990
4.6	248	C141	MONITOR, TELEVISION	CONRAC CORP	SNA15RS	\$2,100	1990
4.6	248	C141	DISPLAY UNIT	SONY CORP	GDM1604B15	\$5,607	1990
4.6	248	C141	COMPUTER, MINI	SUN MICROSYSTEMS	4/65FGX8P3	\$10,000	1990
4.6	248	C141	COMPUTER, MINI	SUN MICROSYSTEMS	N/L	\$10,000	1990
4.6	248	C141	COMPUTER, MINI	SUN MICROSYSTEMS	4/65FGX8P3	\$8,000	1990
4.6	248	C141	DISPLAY UNIT	SONY CORP	GDM1604B15	\$3,547	1990
4.6	223	134	COMPUTER, MICRO	APPLE COMPUTER INC	M5780	\$3,840	1991
4.6	248	C141	MONITOR, TELEVISION	CONRAC CORP	SNA15RS	\$2,495	1991
4.6	248	C141	ROUTER, COMMUNICATIONS	ADVANCED COMPUTI	ACS2100	\$2,475	1992
4.6	248	C141	TERMINAL, SERVER	XYLOGIC INC	AX3A32	\$3,990	1992
4.6	248	C141	TERMINAL, SERVER	XYLOGIC INC	AX3A32	\$3,990	1992
4.6	248	C141	COMPRESSOR, AIR	NOAH HOWDEN INC	K895718	\$29,860	1991
4.6	248	C141	COMPRESSOR, AIR	NOAH HOWDEN INC	K895718	\$29,860	1991
4.6	248	C141	PUMP, VACUUM	SARGENT-WELCH SCI		\$3,517	1992
4.6	248	C141	COMPRESSOR, AIR	NOAH HOWDEN INC	K895718	\$29,860	1992
4.6	248	C141	TRANSPORT, MAGNETIC TAPE	ARTECON INC	RSU-S00A2	\$1,231	1992
4.6	248	C141	TRANSPORT, MAGNETIC TAPE	ARTECON INC	RSU-S00A2	\$1,231	1992
4.6	248	C141	TRANSPORT, MAGNETIC TAPE	ARTECON INC	RSU-S00A2	\$1,646	1992
4.6	248	C141	ROUTER, COMMUNICATIONS	ADVANCED COMPUTI	ACS2100	\$2,438	1992
4.6	223	134	COMPUTER, MICRO	APPLE COMPUTER INC	M0360	\$1,806	1992
4.6	248	C141	MONITOR, WAVEFORM	MAGNI SYSTEMS INC	MM400	\$1,490	1993
4.6	248	C141	SWITCHER, VIDEO	BTS BROADCAST TEL	RF403	\$17,085	1993
4.6	248	C141	GENERATOR, COLORBAR	QSI SYSTEMS INC		\$1,475	1993
4.6	223	VCEN	COMPUTER, MICRO	APPLE COMPUTER INC	M0360	\$1,795	1992
4.6	223	134	DISPLAY UNIT	APPLE COMPUTER INC	M1297	\$615	1992
4.6	223	VCEN	COMPUTER, MICRO	APPLE COMPUTER INC	M1254	\$1,283	1993
4.6	223	134	COMPUTER, MICRO	APPLE COMPUTER INC	M1254	\$1,283	1993
4.6	223	110	SCANNER	MICROTEK CO LTD	MRS600ZS	\$1,105	1993
4.6	223	134	COMPUTER, MICRO	APPLE COMPUTER INC	M1254	\$1,349	1993
4.6	248	C141	DISK DRIVE UNIT	ARTECON INC	RCU1S-121	\$2,749	1994
4.6	248	C141	DISK DRIVE UNIT	ARTECON INC	21GB	\$3,460	1994
4.6	248	C141	DISK DRIVE UNIT	ARTECON INC	21GB	\$3,460	1994
4.6	248	C141	DISPLAY UNIT	SONY CORP	GDM1604B15	\$4,000	1990
4.6	248	C141	DISPLAY UNIT	SONY CORP	GDM1604B15	\$2,057	1990
4.6	223	110	DISK DRIVE UNIT	APS DYNAMICS INC	DATERM	\$1,175	1994
4.6	223	110	PRINTER, ADP	APPLE COMPUTER INC	M2008	\$1,375	1994
4.6	223	AUD	COMPUTER, MICRO	APPLE COMPUTER INC	M2391	\$3,106	1995
4.6	248	C141	MONITOR, TELEVISION	RECORTEC INC	RMM237	\$1,195	1995
4.6	248	C141	OSCILLOSCOPE	TEKTRONIX INC	TAS250	\$1,158	1995
4.6	223	VC	MODEL, DAC M-2.2	DYNAMIC ENGINEERI	NONE (VERIFIED)	\$4,999	1978
4.6	223	VCEN	MONITOR, TELEVISION	MITSUBISHI ELECTRIC	CS40505	\$2,500	1996
4.6	223	VCEN	RECORDER, VIDEO CASSETTE	MITSUBISHI ELECTRIC	HS-U760	\$1,003	1996
4.6	223	VCEN	AIRCRAFT, DISPLAY MODEL	LOCKHEED CP LOCKH	U2	\$75,000	1962
4.6	223	110	COMPUTER, MINI	SUN MICROSYSTEMS	4/60FGX-8	\$8,835	1990
4.6	223	VCEN	MONITOR, TELEVISION	SONY CORP	CVM2560	\$1,114	1987
4.6	223	110	COMPUTER, MINI	SUN MICROSYSTEMS	4/60M1-8-P4	\$7,397	1989
4.6	223	VCEN	TITAN	MARTIN MARIETTA C II		\$5,000	1976
4.6	223	VCEN	MODEL, 0,017 SCALE SSV	ROCKWELL INT'L SPA	60-OTS	\$200,000	1988
4.6	223	VCNTR	EXHIBIT, AL WORDEN SPACE SUI	NATIONAL AERONAU	NONE	\$5,000	1980
4.6	204	203	CAMERA, DIGITAL	NIKON CORP	E990	\$877	2000
4.6	204	203	COMPUTER, PORTABLE	APPLE COMPUTER INC	M3553	\$4,336	1997
4.6	HNGR1	NONE	MODULE, SPACELAB ENGINEERING	ERNO RAUMFAHRTTE		\$2,000,000	1988
4.6	223	VCEN	AIRCRAFT, DISPLAY MODEL	BRITISH AEROSPACE	AV-8C	\$26,000,000	1984
4.6	223	VCEN	CABINET, ELECTRICAL EQUIPME	GENERAL DATACOMM	EP3D	\$11,689	1981
4.6	204	203	CAMERA, DIGITAL	OLYMPUS OPTICAL CO	D460ZOOM	\$500	2000
4.6	204	216	PRINTER, ADP	APPLE COMPUTER INC	16/600PS	\$3,667	1997
4.6	204	203	COMPUTER, PORTABLE	APPLE COMPUTER INC	M3553	\$4,336	1997
4.6	201	203	PRINTER, ADP	APPLE COMPUTER INC	16/600 PS	\$2,090	1997
4.6	204	203	COMPUTER, MICRO	APPLE COMPUTER INC	M5183	\$2,489	1999

SOW Function	Equip Bldg	Equip Room	Item Name	Manuf Name	Manuf Model No	Equip Cost	NASA Acq Date
4.6	223	VCEN	PRINTER, ADP	APPLE COMPUTER INC	16/600PS	\$3,924	1997
4.6	223	HNGR2	AIRCRAFT, DISPLAY MODEL	DE HAVILLAND AIRC	C-8A	\$1,887,618	1967
4.7	202A	113	Computer, G4 Cube	Apple Computer, Inc.	4400005693	N/A	N/A
4.7	202A	113	Display Unit	CTX	4400005692	N/A	N/A
4.7	202A	113	Zip Disk Drive	iomega	4400005694	N/A	N/A
4.8	204	221	APPLE COMPUTER INC	COMPUTER, MICRO	M2391	\$3,630	6/15/1994
4.8	204	101	APPLE COMPUTER INC	PRINTER, ADP	B1333	\$1,918	3/6/1995
4.8	204	203	NIKON CORP	CAMERA, DIGITAL	E990	\$877	9/15/2000
4.8	204	203	APPLE COMPUTER INC	COMPUTER, PORTABL	M3553	\$4,336	7/31/1997
4.8	HNGR1	NONE	TENNANT COMPANY	SWEEPER, ELECTRIC	NONE	\$30,000	6/25/2001
4.8	HNGR1	NONE	MOTOR APPLIANCE CORPORAT	POWER SUPPLY	NONE	\$1,000	6/25/2001
4.9	19	1055	CPU	Compaq	E500	\$2,317	11/1/2001
4.9	19	1055	Monitor	Viewsonic	VP201M	\$2,310	2/11/2001
4.9	19	1055	Zip Drive	Compaq	V300	\$378	11/1/2001
4.9	19	1055	RAM	Kensington	256MB	\$219	5/1/2002
4.9	19	1055	Convenience Base-Docking Station	Compaq		\$389	12/1/2001
4.9	19	1055	DVD Drive	Compaq	AX	\$223	5/1/2002
4.10	207	205	COMPUTER, MICRO	APPLE COMPUTER INC	XB0090QFHSE	\$2,257	3/3/2000
4.11	218	104	COMPUTER, MICRO	APPLE COMPUTER INC	ODIN 4400006109	\$1,750	N/A
4.11	218	104	ZIP DRIVE	IOMEGA	ODIN 4400006108	\$400	N/A
4.11	218	104	FLAT BED SCANNER	EPSON	1220U	\$400	N/A
4.11	218	104	DISPLAY UNIT	CTX ULTRA	ODIN 4400009083	\$600	N/A

DATA REQUIREMENTS LIST (DRL)

a. Title of Contract, Project, SOW, etc. Business Operations and Technical Services				b. Contract/RFP No. NNA04CA76C		c. DRL Date/Mod Date 3/27/03	
1. Line item no.  1 SOW 4.1	2. DRD Title Initial Financial Management Report (NASA Form 533I)	3. Frequency Once	4.As-of-Date	5. 1st subm. date 10 days after contract award	6.Copies a. type Print or Electronic	b. number 4	
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR Code JIR, M/S 241-17 CO Code JAC, M/S 241-1 Financial Management Div., Code CFS, M/S 203-18 Resource Management Office, Code CR, M/S 237-9 See page A4-10 for additional distributions			9. Remarks Submittal is due ten (10) working days after contract award date				
1. Line item no.  2 SOW 4.1	2. DRD Title Monthly Financial Management Report (NASA Form 533M)	3. Frequency Monthly	4.As-of-Date	5. 1st subm. date See 9.	6.Copies a. type Print and Electronic	b. number 4	
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR Code JIR, M/S 241-17 CO Code JAC, M/S 241-1 Code CFS, M/S 203-18 Code CR, M/S 237-9 See page A4-12 for additional distributions			9. Remarks First submittal is due ten (10) working days after the first month in which contract was awarded. The monthly submittal is due 10 working days after end of month being reported.				
1. Line item no.  3 SOW 4.1	2. DRD Title Quarterly Financial Management Report (NASA Form 533Q)	3. Frequency Quarterly	4.As-of-Date	5. 1st subm. date See 9.	6.Copies a. type Print and Electronic	b. number 4	
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR Code JIR, M/S 241-17 CO Code JAC, M/S 241-1 Code CFS, M/S 203-18 Code CR, M/S 237-9 See page A4-14 for additional distributions			9. Remarks Submittal is due not later than the fifteenth (15) of the month after the quarter being reported				

## DATA REQUIREMENTS LIST (DRL)

a. Title of Contract, Project, SOW, etc. Business Operations and Technical Services				b. Contract/RFP No. NNA04CA76C		c. DRL Date/Mod Date 4/15/03	
1. Line item no. 4 SOW 4.1	2. DRD Title Monthly Status Report	3. Frequency Monthly	4.As-of-Date	5. 1st subm. date See 9.	6.Copies	a. type Print	b. number 2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR Code JIR, M/S 241-17 CO Code JAC, M/S 241-1 Staff Assistant, Code JI, M/S 241-12 See page A4-16 for additional distributions			9. Remarks First submittal is due ten (10) working days after the first month in which contract was awarded. The monthly submittal is due 10 working days after end of month being reported.				
1. Line item no. 5 SOW 4.1	2. DRD Title Monthly Accident Report (ARC CMAR Form 15)	3. Frequency Monthly	4.As-of-Date	5. 1st subm. date 10 working days after contract award	6.Copies	a. type Electronic	b. number 3
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR Code JIR, M/S 241-17 CO Code JAC, M/S 241-1 Safety, Health & Medical Services Division, Code QH, M/S 218-1			9. Remarks Submittal is due ten (10) working days after the end of the month being reported.				
1. Line item no. 6 SOW 4.1	2. DRD Title NASA Mishap Report (NASA Form 1627)	3. Frequency As needed	4.As-of Date	5. 1st subm. date Within one (1) day of mishap	6.Copies	a. type Print	b. number 3
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR Code JIR, M/S 241-17 CO Code JAC, M/S 241-1 Code QH, M/S 218-1			9. Remarks Submittal is due within one (1) working day of mishap.				

## DATA REQUIREMENTS LIST (DRL)

a. Title of Contract, Project, SOW, etc. Business Operations and Technical Services				b. Contract/RFP No. NNA04CA76C		c. DRL Date/Mod Date 4/15/03	
1. Line item no. 7 SOW 4.1	2. DRD Title Phase-Out Plan	3. Frequency Once	4.As-of Date	5. 1st subm. date See 9.	6.Copies	a. type Print	b. number 2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR Code JIR, M/S 241-17 CO Code JAC, M/S 241-1			9. Remarks Submittal is due ninety (90) calendar days prior to contract completion				
1. Line item no. 8 SOW 4.1	2. DRD Title Employee Roster	3. Frequency As needed	4.As-of Date	5. 1st subm. date See 9.	6.Copies	a. type Print	b. number 4
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR Code JIR, M/S 241-17 CO Code JAC, M/S 241-1 ARC Security Dispatch Office, Code JP, M/S 241-30 (2 copies)			9. Remarks First submittal is due thirty (30) calendar days after contract award. Submit updates to roster as changes occur.				
1. Line item no. 9 SOW 4.1	2. DRD Title Report of Centrally Reportable Equipment (DD Form 1419) (NFS 1852.245-73)	3. Frequency Annual	4.As-of Date	5. 1st subm. date See 9.	6.Copies	a. type Print	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) CO Code JAC, M/S 241-1			9. Remarks Submittal is due October 31 of each year				
1. Line item no. 10 SOW 4.1	2. DRD Title New Technology Reports (NFS 1852.227-70)	3. Frequency As needed	4.As-of Date	5. 1st subm. date See 9.	6.Copies	a. type Print	b. number 4
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Technology Utilization Representative, Code DK, M/S 202A-3 Patent Representative, Code DL, M/S 202A-3 COTR, Code JIR, M/S 241-17 CO, Code JAC, M/S 241-1			9. Remarks Submittal is in accordance with NFS Clause 1852.227-70				

DATA REQUIREMENTS LIST (DRL)

a. Title of Contract, Project, SOW, etc. Business Operations and Technical Services				b. Contract/RFP No. NNA04CA76C		c. DRL Date/Mod Date 4/15/03	
1. Line item no.  11 SOW 4.1	2. DRD Title Library Materials Fiscal Year-to-Date Obligations/Accruals	3. Frequency Monthly	4.As-of-Date	5. 1st subm. date 35 days after contract award	6.Copies	a. type Electronic MS Excel format	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager Code JIL, M/S 202-3			9. Remarks Submittal is due five working days after the end of the month being reported.				
1. Line item no.  12 SOW 4.1	2. DRD Title Materials Obligated Library Report	3. Frequency Monthly	4.As-of-Date	5. 1st subm. date 35 days after contract award	6.Copies	a. type Electronic MS Excel format	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager Code JIL, M/S 202-3			9. Remarks Submittal is due five working days after the end of the month being reported.				
1. Line item no.  13 SOW 4.1	2. DRD Title Materials Accrued Library Report	3. Frequency Monthly	4.As-of-Date	5. 1st subm. date 35 days after contract award	6.Copies	a. type Electronic MS Excel format	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager Code JIL, M/S 202-3			9. Remarks Submittal is due five working days after the end of the month being reported.				
1. Line item no.  14 SOW 4.1	2. DRD Title Monthly Statistical Reports	3. Frequency Monthly	4.As-of-Date	5. 1st subm. date 40 days after contract award	6.Copies	a. type Electronic or Print	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager Code JIL, M/S 202-3			9. Remarks Submittal is due ten (10) working days after end of month Reports on the following activities: Acquisitions; Cataloging Activities; Serials; Binding; Shelving; Reference Activities; Database Activities; Interlibrary Loans; Circulation Activities; Technical Reports; Local Area Network Activities (LAN)				



DATA REQUIREMENTS LIST (DRL)

a. Title of Contract, Project, SOW, etc. Business Operations and Technical Services				b. Contract/RFP No. NNA04CA76C		c. DRL Date/Mod Date 4/15/03	
1. Line item no.  15 SOW 4.1	2. DRD Title  Burdened Hourly Rate Report	3. Frequency  Monthly	4.As-of-Date	5. 1st subm. date  40 days after contract award	6.Copies  Electronic or Print	a. type	b. number  1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Staff Assistant, Code JI, M/S 241-12 Task Manager Code JIT, M/S 241-14 Task Manager Code JIR, M/S 241-17			9. Remarks Submittal is due 10 working days after the end of each month				
1. Line item no.  16 SOW 4.2	2. DRD Title  ODC Report	3. Frequency  Monthly	4.As-of-Date	5. 1st subm. date  40 days after contract award	6.Copies  Electronic or Print	a. type	b. number  1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code JH, M/S 241-9			9. Remarks Submittal is due ten (10) working days after end of month				
1. Line item no.  17 SOW 4.2	2. DRD Title  Position Description Update	3. Frequency  Bi-monthly	4.As-of-Date	5. 1st subm. date  65 days after contract award	6.Copies  Electronic or Print	a. type	b. number  1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code JH, M/S 241-9			9. Remarks Submittal is due bi-monthly, five working days after end of reporting period				
1. Line item no.  18 SOW 4.2	2. DRD Title  Leave Transfer (Donor) Report	3. Frequency  Quarterly	4.As-of-Date	5. 1st subm. date  TBD	6.Copies  Electronic or Print	a. type	b. number  1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code JH, M/S 241-9			9. Remarks				

DATA REQUIREMENTS LIST (DRL)

a. Title of Contract, Project, SOW, etc. Business Operations and Technical Services				b. Contract/RFP No. NNA04CA76C		c. DRL Date/Mod Date 4/15/03	
1. Line item no.  19 SOW 4.2	2. DRD Title  Restored Leave Report	3. Frequency  Annually	4. As-of-Date	5. 1st subm. date  TBD	6. Copies	a. type Electronic or Print	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code JH, M/S 241-9			9. Remarks Submittal is due July 1st of each year.				
1. Line item no.  20	2. DRD Title  RESERVED	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed)			9. Remarks				
1. Line item no.  21 SOW 4.2	2. DRD Title  SCEP and STEP Summary Reports	3. Frequency  Monthly	4. As-of-Date	5. 1st subm. date  40 days after contract award	6. Copies	a. type Electronic or Print	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code JH, M/S 241-9			9. Remarks Submittal is due ten (10) working days after end of month				

DATA REQUIREMENTS LIST (DRL)

a. Title of Contract, Project, SOW, etc. Business Operations and Technical Services				b. Contract/RFP No. NNA04CA76C		c. DRL Date/Mod Date 4/15/03	
1. Line item no. 22 SOW 4.2	2. DRD Title Academic Program Budget	3. Frequency Monthly	4.As-of-Date	5. 1st subm. date 40 days after contract award	6.Copies	a. type Electronic or Print	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code JH, M/S 241-9			9. Remarks Submittal is due ten (10) working days after end of month				
1. Line item no. 23	2. DRD Title RESERVED	3. Frequency	4.As-of-Date	5. 1st subm. date	6.Copies	a. type	b. number
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed)			9. Remarks				
1. Line item no. 24 SOW 4.2	2. DRD Title Training Program Summaries	3. Frequency Quarterly	4.As-of-Date	5. 1st subm. date End of first quarter after award	6.Copies	a. type Electronic or Print	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code JH, M/S 241-9			9. Remarks Submittal is due ten (10) working days after end of each quarter				
1. Line item no. 25 SOW 4.4	2. DRD Title Statistical Data and Charts for Various Reports	3. Frequency Annually	4.As-of-Date	5. 1st subm. date TBD	6.Copies	a. type Electronic or Print	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input checked="" type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code DE, M/S 19-5			9. Remarks Due dates for reports are determined by NASA Headquarters (HQ)				

DATA REQUIREMENTS LIST (DRL)

a. Title of Contract, Project, SOW, etc. Business Operations and Technical Services				b. Contract/RFP No. NNA04CA76C		c. DRL Date/Mod Date 4/15/03	
1. Line item no.  26 SOW 4.4	2. DRD Title Workforce Profile and Workforce Diversity Program Summary	3. Frequency Quarterly	4.As-of-Date	5. 1st subm. date TBD	6.Copies Electronic or Print	a. type	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code DE, M/S 19-5			9. Remarks Due dates are given on agenda by months from NASA HQ				
1. Line item no.  27 SOW 4.4	2. DRD Title Parity, Affirmative Employment Diversity Plan, Standard Deviation and Related Charts	3. Frequency Quarterly	4.As-of-Date	5. 1st subm. date TBD	6.Copies Electronic and Print	a. type	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code DE, M/S 19-5			9. Remarks Submittal of all quarterly reports (hard copies and viewgraphs) is due not later than 2 weeks from the date data is available.				
1. Line item no.  28 SOW 4.4	2. DRD Title Underrepresentation Chart for Vacancy Announcements & CPP Worksheet	3. Frequency Twice a month	4.As-of-Date	5. 1st subm. date TBD	6.Copies Electronic and Print	a. type	b. number See page A4-41
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) See Data Requirements Description, page A4-41 for distribution			9. Remarks Submittal is due twice a month.				
1. Line item no.  29 SOW 4.12	2. DRD Title Recruitment Plan for Education University Programs	3. Frequency Annually	4.As-of-Date	5. 1st subm. date 40 days after contract award	6.Copies Electronic or Print	a. type	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code DP, M/S 226-8			9. Remarks Submittal is due August 1st of each year				

DATA REQUIREMENTS LIST (DRL)

a. Title of Contract, Project, SOW, etc. Business Operations and Technical Services				b. Contract/RFP No. NNA04CA76C		c. DRL Date/Mod Date 4/15/03	
1. Line item no. 30 SOW 4.12	2. DRD Title Recruitment Accomplishment Report for Education University Programs	3. Frequency Quarterly	4.As-of-Date	5. 1st subm. date 40 days after contract award	6.Copies Print	a. type	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code DP, M/S 226-8			9. Remarks Submittal is due ten (10) working days after end of each quarter.				
1. Line item no. 31 SOW 4.12	2. DRD Title Resume Status Report for Education University Programs	3. Frequency Quarterly	4.As-of-Date	5. 1st subm. date 40 days after contract award	6.Copies Print	a. type	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code DP, M/S 226-8			9. Remarks Submittal is due ten (10) working days after end of each quarter				
1. Line item no. 32 SOW 4.12	2. DRD Title Technical Report for Education	3. Frequency Monthly	4.As-of-Date	5. 1st subm. date 40 days after contract award	6.Copies Print	a. type	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code DP, M./S 226-8			9. Remarks Submittal is due 10 working days after end of each month				
1. Line item no. 33 SOW 4.1	2. DRD Title Cost Breakdown Report	3. Frequency Monthly	4.As-of-Date	5. 1st subm. date TBD	6.Copies Electronic or Print	a. type	b. number 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Task Manager, Code JIT, M./S 241-14			9. Remarks				

1. DRD Title Initial Financial Management Report (NASA 533I)	2. Current Version Date	3. DRL Line Item No. 1	RFP/Contract No. NNA04CA76C
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4. Use (Define need for, intended use of, and/or anticipated results of data)

To report initial financial information. This is used as a baseline for the 533M Financial Management Report.

5. DRD Category: (check one)  Technical  Administrative  SR&QA

6. References (Optional) | 7. Interrelationships (e.g., with other DRDs) (Optional)

8. Preparation Information (Include complete instructions for document preparation)

Initial Financial Management Reports shall be submitted by the Contractor on NASA Form 533I in accordance with the instructions provided in NASA Procedures and Guidelines (NPG) 9501.2 and as set forth below. The contractor shall submit NASA Form 533I reports for the overall contract as well as separate reports for each functional area in the level of detail requested. A summary electronic report for Integrated Financial Management Program Purposes may be required. Further information will be provided after contract award.

The reportable categories by "major functional areas supported" shall track cost elements identical to proposed elements, and include a separate line item for termination liability. "Other Direct Costs" (ODC's) shall be broken out by major categories such as travel, training, materials, special ODC's, etc. "Unfilled Orders Outstanding" shall also be used to report any outstanding costs associated with earned but unbilled labor costs (i.e., vacation, sick leave, holiday, travel, training, etc.).

The level of reporting for each functional area is as follows. Separate reports for any additional Task Orders issued under this contract are also required.

Level of Report

A. Summary 533I reports for entire contract

Distribution

COTR, Code JIR, M/S 241-17  
CO Code JAC, M/S 241-1  
Financial Mgmt. Div., Code CFS, M/S 203-18  
Resource Mgmt. Office, Code CR, M/S 237-9  
Staff Assistant, Code JI, M/S 241-12

B. Summary 533I for Scientific and Technical Information Staff Assistant, Code JI, M/S 241-12

C. Individual 533I for each STI sub-function below.

1. Graphics and Exhibits
2. Audiovisual Services
3. Photographic Services
4. Video/Multimedia Services
5. Customer Services
6. Reproduction
7. Library (separate breakout for labor and material purchases)
8. Publications Processing

Task Manager, Code JIT, M/S 241-14

Task Manager, Code JIR, M/S 241-17  
Task Manager, Code JIL, M/S 202-3

D. Summary 533I for Human Resources Division

Task Manager, Code JH, M/S 241-9

E. Individual 533I for each of the following HR sub-functions

Task Manager, Code JH, M/S 241-9

1. Employee Development/Training/Student and Fellowship Programs
2. Recruitment and Staffing, Employee Relocation Program, Position Classification Program, Awards Program, Gen'l HR Division Services

F. Summary 533I for Acquisition Division

Task Manager, Code JAB, M/S 241-1  
CO, Code JAC, M/S 241-1

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94-2062 CA, SAN JOSE

06/10/03

\*\*\*FOR OFFICIAL USE ONLY BY FEDERAL AGENCIES PARTICIPATING IN MOU WITH DOL\*\*\*  
WASHINGTON D.C. 20210

William W. Gross  
Director

Division of  
Wage Determinations

Wage Determination No.: 1994-2062  
Revision No.: 16  
Date Of Last Revision: 06/03/2003

State: California

Area: California Counties of Santa Clara, Santa Cruz

\*\*Fringe Benefits Required Follow the Occupational Listing\*\*

OCCUPATION CODE - TITLE	MINIMUM WAGE RATE
01000 - Administrative Support and Clerical Occupations	
01011 - Accounting Clerk I	11.98
01012 - Accounting Clerk II	13.10
01013 - Accounting Clerk III	15.93
01014 - Accounting Clerk IV	18.53
01030 - Court Reporter	18.35
01050 - Dispatcher, Motor Vehicle	16.67
01060 - Document Preparation Clerk	14.52
01070 - Messenger (Courier)	12.34
01090 - Duplicating Machine Operator	14.52
01110 - Film/Tape Librarian	14.00
01115 - General Clerk I	11.10
01116 - General Clerk II	12.46
01117 - General Clerk III	14.38
01118 - General Clerk IV	16.72
01120 - Housing Referral Assistant	20.96
01131 - Key Entry Operator I	11.72
01132 - Key Entry Operator II	14.15
01191 - Order Clerk I	13.94
01192 - Order Clerk II	15.22
01261 - Personnel Assistant (Employment) I	12.32
01262 - Personnel Assistant (Employment) II	13.82
01263 - Personnel Assistant (Employment) III	15.95
01264 - Personnel Assistant (Employment) IV	18.55
01270 - Production Control Clerk	19.88
01290 - Rental Clerk	13.30
01300 - Scheduler, Maintenance	14.63
01311 - Secretary I	14.63
01312 - Secretary II	18.35
01313 - Secretary III	20.96
01314 - Secretary IV	23.74
01315 - Secretary V	28.15
01320 - Service Order Dispatcher	13.30
01341 - Stenographer I	13.02
01342 - Stenographer II	14.67
01400 - Supply Technician	23.74
01420 - Survey Worker (Interviewer)	13.51
01460 - Switchboard Operator-Receptionist	12.46

01510 - Test Examiner	18.35
01520 - Test Proctor	18.35
01531 - Travel Clerk I	11.75
01532 - Travel Clerk II	12.79
01533 - Travel Clerk III	13.80
01611 - Word Processor I	14.39
01612 - Word Processor II	16.17
01613 - Word Processor III	18.55
03000 - Automatic Data Processing Occupations	
03010 - Computer Data Librarian	14.48
03041 - Computer Operator I	14.48
03042 - Computer Operator II	16.25
03043 - Computer Operator III	19.21
03044 - Computer Operator IV	21.62
03045 - Computer Operator V	23.98
03071 - Computer Programmer I (1)	18.71
03072 - Computer Programmer II (1)	23.16
03073 - Computer Programmer III (1)	27.62
03074 - Computer Programmer IV (1)	27.62
03101 - Computer Systems Analyst I (1)	26.62
03102 - Computer Systems Analyst II (1)	27.62
03103 - Computer Systems Analyst III (1)	27.62
03160 - Peripheral Equipment Operator	14.48
05000 - Automotive Service Occupations	
05005 - Automotive Body Repairer, Fiberglass	18.44
05010 - Automotive Glass Installer	17.72
05040 - Automotive Worker	19.41
05070 - Electrician, Automotive	20.32
05100 - Mobile Equipment Servicer	17.66
05130 - Motor Equipment Metal Mechanic	21.21
05160 - Motor Equipment Metal Worker	19.41
05190 - Motor Vehicle Mechanic	21.21
05220 - Motor Vehicle Mechanic Helper	16.73
05250 - Motor Vehicle Upholstery Worker	18.55
05280 - Motor Vehicle Wrecker	19.41
05310 - Painter, Automotive	20.32
05340 - Radiator Repair Specialist	19.41
05370 - Tire Repairer	14.84
05400 - Transmission Repair Specialist	21.21
07000 - Food Preparation and Service Occupations	
(not set) - Food Service Worker	10.27
07010 - Baker	12.55
07041 - Cook I	13.37
07042 - Cook II	14.74
07070 - Dishwasher	9.34
07130 - Meat Cutter	16.21
07250 - Waiter/Waitress	9.68
09000 - Furniture Maintenance and Repair Occupations	
09010 - Electrostatic Spray Painter	20.21
09040 - Furniture Handler	14.58
09070 - Furniture Refinisher	20.21
09100 - Furniture Refinisher Helper	16.64
09110 - Furniture Repairer, Minor	18.45
09130 - Upholsterer	20.21
11030 - General Services and Support Occupations	
11030 - Cleaner, Vehicles	9.16
11060 - Elevator Operator	10.27

11090 - Gardener	13.41
11121 - House Keeping Aid I	9.43
11122 - House Keeping Aid II	10.27
11150 - Janitor	10.27
11210 - Laborer, Grounds Maintenance	11.13
11240 - Maid or Houseman	9.43
11270 - Pest Controller	14.09
11300 - Refuse Collector	10.27
11330 - Tractor Operator	12.72
11360 - Window Cleaner	11.13
12000 - Health Occupations	
12020 - Dental Assistant	15.08
12040 - Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	14.26
12071 - Licensed Practical Nurse I	11.87
12072 - Licensed Practical Nurse II	13.32
12073 - Licensed Practical Nurse III	14.91
12100 - Medical Assistant	13.32
12130 - Medical Laboratory Technician	13.32
12160 - Medical Record Clerk	13.32
12190 - Medical Record Technician	17.92
12221 - Nursing Assistant I	9.47
12222 - Nursing Assistant II	10.65
12223 - Nursing Assistant III	11.63
12224 - Nursing Assistant IV	13.05
12250 - Pharmacy Technician	14.96
12280 - Phlebotomist	13.32
12311 - Registered Nurse I	19.83
12312 - Registered Nurse II	24.24
12313 - Registered Nurse II, Specialist	24.24
12314 - Registered Nurse III	29.32
12315 - Registered Nurse III, Anesthetist	29.32
12316 - Registered Nurse IV	35.16
13000 - Information and Arts Occupations	
13002 - Audiovisual Librarian	19.79
13011 - Exhibits Specialist I	20.61
13012 - Exhibits Specialist II	22.47
13013 - Exhibits Specialist III	27.42
13041 - Illustrator I	21.68
13042 - Illustrator II	23.58
13043 - Illustrator III	28.84
13047 - Librarian	25.59
13050 - Library Technician	16.36
13071 - Photographer I	16.12
13072 - Photographer II	19.29
13073 - Photographer III	20.99
13074 - Photographer IV	25.66
13075 - Photographer V	31.05
15000 - Laundry, Dry Cleaning, Pressing and Related Occupations	
15010 - Assembler	8.06
15030 - Counter Attendant	8.06
15040 - Dry Cleaner	10.78
15070 - Finisher, Flatwork, Machine	8.06
15090 - Presser, Hand	8.06
15100 - Presser, Machine, Drycleaning	8.06
15130 - Presser, Machine, Shirts	8.06
15160 - Presser, Machine, Wearing Apparel, Laundry	8.06
15190 - Sewing Machine Operator	11.75

15220 - Tailor	12.72
15250 - Washer, Machine	9.05
19000 - Machine Tool Operation and Repair Occupations	
19010 - Machine-Tool Operator (Toolroom)	21.14
19040 - Tool and Die Maker	24.84
21000 - Material Handling and Packing Occupations	
21010 - Fuel Distribution System Operator	17.58
21020 - Material Coordinator	18.40
21030 - Material Expediter	18.40
21040 - Material Handling Laborer	12.69
21050 - Order Filler	13.89
21071 - Forklift Operator	14.00
21080 - Production Line Worker (Food Processing)	14.00
21100 - Shipping/Receiving Clerk	13.09
21130 - Shipping Packer	13.09
21140 - Store Worker I	11.33
21150 - Stock Clerk (Shelf Stocker; Store Worker II)	14.40
21210 - Tools and Parts Attendant	14.12
21400 - Warehouse Specialist	15.32
23000 - Mechanics and Maintenance and Repair Occupations	
23010 - Aircraft Mechanic	23.05
23040 - Aircraft Mechanic Helper	17.11
23050 - Aircraft Quality Control Inspector	23.72
23060 - Aircraft Servicer	19.26
23070 - Aircraft Worker	20.43
23100 - Appliance Mechanic	21.37
23120 - Bicycle Repairer	15.44
23125 - Cable Splicer	22.77
23130 - Carpenter, Maintenance	21.13
23140 - Carpet Layer	20.43
23160 - Electrician, Maintenance	24.26
23181 - Electronics Technician, Maintenance I	15.37
23182 - Electronics Technician, Maintenance II	21.64
23183 - Electronics Technician, Maintenance III	26.61
23260 - Fabric Worker	19.26
23290 - Fire Alarm System Mechanic	22.77
23310 - Fire Extinguisher Repairer	18.05
23340 - Fuel Distribution System Mechanic	22.77
23370 - General Maintenance Worker	15.09
23400 - Heating, Refrigeration and Air Conditioning Mechanic	22.64
23430 - Heavy Equipment Mechanic	21.69
23440 - Heavy Equipment Operator	22.35
23460 - Instrument Mechanic	22.77
23470 - Laborer	11.29
23500 - Locksmith	21.60
23530 - Machinery Maintenance Mechanic	21.67
23550 - Machinist, Maintenance	22.77
23580 - Maintenance Trades Helper	16.64
23640 - Millwright	22.20
23700 - Office Appliance Repairer	21.60
23740 - Painter, Aircraft	20.21
23760 - Painter, Maintenance	20.21
23790 - Pipefitter, Maintenance	24.26
23800 - Plumber, Maintenance	23.23
23820 - Pneudraulic Systems Mechanic	22.77
23850 - Rigger	21.10
23870 - Scale Mechanic	20.43

	23.29
23890 - Sheet-Metal Worker, Maintenance	19.31
23910 - Small Engine Mechanic	22.26
23930 - Telecommunication Mechanic I	23.81
23931 - Telecommunication Mechanic II	22.26
23950 - Telephone Lineman	21.10
23960 - Welder, Combination, Maintenance	22.77
23965 - Well Driller	22.77
23970 - Woodcraft Worker	17.58
23980 - Woodworker	
24000 - Personal Needs Occupations	8.35
24570 - Child Care Attendant	9.46
24580 - Child Care Center Clerk	9.28
24600 - Chore Aid	10.89
24630 - Homemaker	
25000 - Plant and System Operation Occupations	25.42
25010 - Boiler Tender	23.09
25040 - Sewage Plant Operator	23.99
25070 - Stationary Engineer	18.07
25190 - Ventilation Equipment Tender	22.43
25210 - Water Treatment Plant Operator	
27000 - Protective Service Occupations	32.66
(not set) - Police Officer	11.07
27004 - Alarm Monitor	25.66
27006 - Corrections Officer	27.97
27010 - Court Security Officer	25.66
27040 - Detention Officer	25.58
27070 - Firefighter	10.78
27101 - Guard I	12.20
27102 - Guard II	
28000 - Stevedoring/Longshoremen Occupations	15.65
28010 - Blocker and Bracer	15.65
28020 - Hatch Tender	15.65
28030 - Line Handler	14.96
28040 - Stevedore I	16.37
28050 - Stevedore II	
29000 - Technical Occupations	25.32
21150 - Graphic Artist	31.88
29010 - Air Traffic Control Specialist, Center (2)	21.98
29011 - Air Traffic Control Specialist, Station (2)	24.20
29012 - Air Traffic Control Specialist, Terminal (2)	13.37
29023 - Archeological Technician I	14.95
29024 - Archeological Technician II	18.52
29025 - Archeological Technician III	20.37
29030 - Cartographic Technician	25.92
29035 - Computer Based Training (CBT) Specialist/ Instructor	20.37
29040 - Civil Engineering Technician	16.50
29061 - Drafter I	18.52
29062 - Drafter II	22.19
29063 - Drafter III	24.13
29064 - Drafter IV	14.19
29081 - Engineering Technician I	17.76
29082 - Engineering Technician II	20.63
29083 - Engineering Technician III	24.29
29084 - Engineering Technician IV	28.71
29085 - Engineering Technician V	33.67
29086 - Engineering Technician VI	20.85
29090 - Environmental Technician	

29100 - Flight Simulator/Instructor (Pilot)	28.66
29160 - Instructor	23.14
29210 - Laboratory Technician	18.11
29240 - Mathematical Technician	24.13
29361 - Paralegal/Legal Assistant I	19.08
29362 - Paralegal/Legal Assistant II	21.64
29363 - Paralegal/Legal Assistant III	26.37
29364 - Paralegal/Legal Assistant IV	31.99
29390 - Photooptics Technician	20.49
29480 - Technical Writer	28.82
29491 - Unexploded Ordnance (UXO) Technician I	20.26
29492 - Unexploded Ordnance (UXO) Technician II	24.51
29493 - Unexploded Ordnance (UXO) Technician III	29.38
29494 - Unexploded (UXO) Safety Escort	20.26
29495 - Unexploded (UXO) Sweep Personnel	20.26
29620 - Weather Observer, Senior (3)	21.48
29621 - Weather Observer, Combined Upper Air and Surface Programs (3)	19.35
29622 - Weather Observer, Upper Air (3)	19.35
31000 - Transportation/ Mobile Equipment Operation Occupations	
31030 - Bus Driver	10.74
31260 - Parking and Lot Attendant	7.59
31290 - Shuttle Bus Driver	10.22
31300 - Taxi Driver	9.67
31361 - Truckdriver, Light Truck	11.09
31362 - Truckdriver, Medium Truck	11.65
31363 - Truckdriver, Heavy Truck	18.33
31364 - Truckdriver, Tractor-Trailer	18.33
99000 - Miscellaneous Occupations	
99020 - Animal Caretaker	10.13
99030 - Cashier	7.41
99041 - Carnival Equipment Operator	12.61
99042 - Carnival Equipment Repairer	13.30
99043 - Carnival Worker	10.19
99050 - Desk Clerk	8.35
99095 - Embalmer	20.47
99300 - Lifeguard	7.43
99310 - Mortician	20.61
99350 - Park Attendant (Aide)	9.35
99400 - Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	7.43
99500 - Recreation Specialist	11.48
99510 - Recycling Worker	12.71
99610 - Sales Clerk	7.43
99620 - School Crossing Guard (Crosswalk Attendant)	8.85
99630 - Sport Official	7.43
99658 - Survey Party Chief (Chief of Party)	13.41
99659 - Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	8.50
99660 - Surveying Aide	6.74
99690 - Swimming Pool Operator	13.16
99720 - Vending Machine Attendant	11.34
99730 - Vending Machine Repairer	13.16
99740 - Vending Machine Repairer Helper	11.34

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ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:



HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$2.56 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of eleven paid holidays per year: New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.)  
(See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)

2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This

includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**\*\* UNIFORM ALLOWANCE \*\***

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial

laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**\*\* NOTES APPLYING TO THIS WAGE DETERMINATION \*\***

**Source of Occupational Title and Descriptions:**

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

**Conformance Process:**

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C) (vi)}

When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation) and computes a proposed rate).

2) After contract award, the contractor prepares a written report listing in order proposed classification title), a Federal grade equivalency (FGE) for each proposed classification), job description), and rationale for proposed wage rate), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

**DEPARTMENT OF DEFENSE  
CONTRACT SECURITY CLASSIFICATION SPECIFICATION**  
*(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)*

**1. CLEARANCE AND SAFEGUARDING**  
a. FACILITY CLEARANCE REQUIRED  
**SECRET**  
b. LEVEL OF SAFEGUARDING REQUIRED  
**NONE**

<b>2. THIS SPECIFICATION IS FOR:</b> <i>(X and complete as applicable)</i>		<b>3. THIS SPECIFICATION IS:</b> <i>(X and complete as applicable)</i>	
a. PRIME CONTRACT NUMBER		<input checked="" type="checkbox"/> a. ORIGINAL <i>(Complete date in all cases)</i>	Date (YYMMDD)
b. SUBCONTRACT NUMBER		b. REVISED <i>(Supersedes all previous specs)</i>	Revision No. Date (YYMMDD)
c. SOLICITATION OR OTHER NUMBER RFP2-38209 (RRG)	Due Date (YYMMDD)	c. FINAL <i>(Complete Item 5 in all cases)</i>	Date (YYMMDD)

**4. IS THIS A FOLLOW-ON CONTRACT?**  YES  NO *if Yes complete the following:*  
Classified material received or generated NAS2-98081 *(Preceding Contract Number)* is transferred to this follow-on contract.

**5. IS THIS A FINAL DD FORM 254?**  YES  NO *if Yes complete the following:*  
In response to the contractor's request \_\_\_\_\_, retention of the classified material is authorized for the \_\_\_\_\_

**6. CONTRACTOR** *(Include Commercial and Government Entity (CAGE) Code)*

a. NAME, ADDRESS, AND ZIP CODE	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i>
This DD Form 254 is for RFP purposes only. A prime contract DD Form 254 will be issued upon contract award.		

**7. SUBCONTRACTOR**

a. NAME, ADDRESS, AND ZIP CODE	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i>

**8. ACTUAL PERFORMANCE**

a. LOCATION	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i>
NASA-Ames Research Center Moffett Field, CA 94035-1000		

**9. GENERAL IDENTIFICATION OF THIS PROCUREMENT**  
Business Operations and Technical Services

10. CONTRACTOR WILL REQUIRE ACCESS TO:	YES	NO	11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR	YES	NO
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION		<input checked="" type="checkbox"/>	a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY	<input checked="" type="checkbox"/>	
b. RESTRICTED DATA	<input checked="" type="checkbox"/>		b. RECEIVE CLASSIFIED DOCUMENTS ONLY		<input checked="" type="checkbox"/>
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION		<input checked="" type="checkbox"/>	c. RECEIVE AND GENERATE CLASSIFIED MATERIAL		<input checked="" type="checkbox"/>
d. FORMERLY RESTRICTED DATA	<input checked="" type="checkbox"/>		d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE		<input checked="" type="checkbox"/>
e. INTELLIGENCE INFORMATION			e. PERFORM SERVICES ONLY		<input checked="" type="checkbox"/>
(1) Sensitive Compartmented Information (SCI)		<input checked="" type="checkbox"/>	f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES		<input checked="" type="checkbox"/>
(2) Non-SCI		<input checked="" type="checkbox"/>	g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER		<input checked="" type="checkbox"/>
f. SPECIAL ACCESS INFORMATION		<input checked="" type="checkbox"/>	h. REQUIRE A COMSEC ACCOUNT		<input checked="" type="checkbox"/>
g. NATO INFORMATION		<input checked="" type="checkbox"/>	i. HAVE TEMPEST REQUIREMENTS		<input checked="" type="checkbox"/>
h. FOREIGN GOVERNMENT INFORMATION		<input checked="" type="checkbox"/>	j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS		<input checked="" type="checkbox"/>
i. LIMITED DISSEMINATION INFORMATION	<input checked="" type="checkbox"/>		k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE		<input checked="" type="checkbox"/>
j. FOR OFFICIAL USE ONLY INFORMATION	<input checked="" type="checkbox"/>		l. OTHER <i>(Specify)</i>		
k. OTHER <i>(Specify)</i>					

**12. PUBLIC RELEASE** Any information (classified or unclassified) pertaining to this contract shall not be released for public dissemination except as provided by the Industrial Security Manual unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release

Direct  Through (Specify)

External Affairs Office, NASA-Ames Research Center, M/S: 204-2, Moffett Field, CA 94035-1000

TO: Office of Public Affairs, NASA Headquarters, Washington, DC 20546-0001

to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs)\* for review. \*In the case of non-DoD User Agencies, requests for disclosure shall be submitted to that agency.

**13. SECURITY GUIDANCE.** The security classification guidance needed for this classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes; to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract, and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any documents/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.)

All classified work will be performed at NASA-Ames Research Center.

No specific security classification guide applies to these services. The COTR will provide any classification guidance required by the Contractor during the course of contract performance.

**14. ADDITIONAL SECURITY REQUIREMENTS.** Requirements, in addition to ISM requirements, are established for this contract.  Yes  No  
 (If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.)

**15. INSPECTIONS.** Elements of this contract are outside the inspection responsibility of the cognizant security office (If Yes  No   
 and identify specific areas or elements carved out and the activity responsible for inspections. Use Item 13 if additional space is needed.)

**16. CERTIFICATION AND SIGNATURE.** Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

a. TYPED NAME OF CERTIFYING OFFICIAL <b>George Reyes</b>	b. TITLE Security Classification Officer	c. TELEPHONE (Include Area Code) <b>604-4344</b>
d. ADDRESS (Include Zip Code) NASA-Ames Research Center M/S: 15-1 Moffett Field, CA 94035-1000	<b>17. REQUIRED DISTRIBUTION</b> a. CONTRACTOR <input checked="" type="checkbox"/> b. SUBCONTRACTOR <input type="checkbox"/> c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR <input type="checkbox"/> d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION <input type="checkbox"/> e. ADMINISTRATIVE CONTRACTING OFFICER <input type="checkbox"/> f. OTHERS AS NECESSARY NASA HQ/JLS <input checked="" type="checkbox"/>	
e. SIGNATURE 		