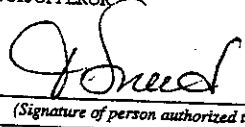



AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 60		3. EFFECTIVE DATE See Block 16		W-19800	1	3
6. ISSUED BY NASA/GSFC/Headquarters Procurement Office Mail Code 210.H, Attn: Michael Allen Greenbelt, MD 20771		4. REQUISITION/PURCHASE REQ. NO. See following page(s)		5. PROJECT NO. (If applicable)		
		7. ADMINISTERED BY (If other than Item 6)		CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)						
Science Applications International Corporation 7980 Science Applications Court CV-48 Vienna, VA 22183						
CODE 52302		FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.						
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.						
1. ACCOUNTING AND APPROPRIATION DATA (If required) See following page(s)						
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.						
<input checked="" type="checkbox"/> A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
D. OTHER Specify type of modification and authority) X 52.212-4 (c) Contract Terms and Conditions - Commercial Items and 52.232-22 Limitation of Funds (April 1984)						
IMPORTANT: Contractor <u>is not</u> , X is required to sign this document and return 3 copies to the issuing office.						
DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)						
The purpose of this modification is to incorporate revisions to Subtask Order Statement of Work with each associated equitable adjustment and include additional funding for continued performance.						
Accordingly,						
As provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.						
NAME AND TITLE OF SIGNER (Type or print) James Sneed, Contract Manager				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael E. Allen, Contracting Officer		
CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED 11/8/02		16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)		16C. DATE SIGNED 11/8/02

NSN 7540-01-152-8070

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STANDARD FORM 30 (REV. 10-83)

FAR (48 CFR) 53.243

1. 10.0 SPECIAL REQUIREMENTS FOR HEADQUARTERS OFFICES

Pursuant to SOW Section 10.2 *Tasking Process*, NASA issues revised subtasks as follows:

a) **10.89(CLIN 0201AC-BG)** (See Table A for task value and award fee adjustment). The revised 10.89 Statement of Work is hereby incorporated as Attachment A.

b) **10.15(CLIN 0201AC-AG)** (See Table A for task value and award fee adjustment). The revised 10.15 Statement of Work is hereby incorporated as Attachment B.

c) **10.91(CLIN 0201AA-BI)** (See Table A for task value and award fee adjustment). The revised 10.91 Statement of Work is hereby incorporated as Attachment C.

The period of performance for those subtasks identified above continues from the effective date of this modification through May 31, 2003.

2. B.4 ESTIMATED COST AND AWARD FEE paragraph(2) is revised as follows

(2) The estimated cost of all 10.0 subtasks (00201AC-AC through 00201AC-BV) is \$50,487,403.07. The maximum available award fee is \$2,782,555.14. Total estimated cost and maximum award fee is \$53,269,958.21. Specific estimated costs by task are as follows in Table 1.

3. B.5, CONTRACT FUNDING, is revised as follows:

1 (a). For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to subtask 0201AC-AA (Core) is **\$27,710,187.42**.

(b). For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to subtasks 0201AC-AC through 0201AC-BV is **\$39,461,713.12**. This allotment covers the following estimated period of performance (see Table A for estimated date at which allotment expires).

(c) An additional amount of **\$3,911,510.48** is obligated under this contract (CLIN 0201AC-AB) for payment of fee.

Modification 60 (revised)

3. ACCOUNTING AND APPROPRIATION DATA

The funds added by this modification also update Block 21 of the SOLICITATION, OFFER AND AWARD, SF33. The accounting and appropriations data for this modification, by subCLIN, is as follows:

Line Item	Task Order	Procurement Request	Fund Source	Appropriation Symbol	Object Class	UPN/HPN	Office/Fin Code	IMS	Costs
0201AC-AT	10.61	10-08576	29	802/30110	2529	77710019.07	BAA10	30-02-04	\$28,000.00
0201AC-AG	10.15	10-08539	29	802/30110	2529	77110340.31	CIA00	30-02-04	\$142,000.00
Award Fee									
0201AC-AB	10.61A	10-08576	29	802/30110	2529	77710019.07	BAA10	30-02-04	\$2,000.00
0201AC-AB	10.15A	10-08539	29	802/30110	2529	77110340.31	CIA00	30-02-04	\$8,000.00

4. Total Funding Changes by Subtask

	From	By	To
10.00A	\$3,901,510.48	\$10,000.00	\$3,911,510.48
10.15	\$2,000,882.16	\$142,000.00	\$2,142,882.16
10.61	\$2,618,630.74	\$28,000.00	\$2,646,630.74

5. All other terms and conditions remain unchanged.

(END OF MODIFICATION 60)

Webcast and streaming media support Description of Work

10.89 General

The vendor shall support webcasting from NASA Headquarters using TCP/IP protocol. Types of events to be supported by the vendor are identified in Table 1 below. The vendor shall provide a plan that meets NASA's policy of using webcasts to reach millions of Internet users. The vendor shall also provide archive copies of webcast material and appropriate URL links to Headquarters web customers. The vendor shall also support pre-production requirements where those requirements are not under the purview of NASA Television. The vendor shall also facilitate any additional web-based associative elements, which support the webcast, such as an interactive method to post questions to the hosts of the webcast. The vendor shall ensure that webcasting technology includes the capability for split-screen with embedded live or on-demand video and synchronized chart presentation. The vendor shall conform to the minimum 80 Kbps standards format for internal NASA events. The vendor shall also provide a means of digitizing material to prepare for webcast or multimedia download and shall also provide the means for an archive of a webcast to be presented and distributed on CD-ROM. The vendor shall develop, test and implement a set of procedures which allow NASA Headquarters to purchase commodity-class streaming for events which require very large numbers of online viewers (greater than 1,000). The vendor shall also assist NASA Headquarters with technical issues associated with developing a NASA-in-house capability to stream for those events, which do not require greater than 1,000 online viewers. In this regard, the vendor shall provide a procedure to use existing NASA facilities at other NASA centers and provide a technical recommendation for how to best use these existing facilities.

Table 1 - Categorized Webcasting Events

CATEGORY	DESCRIPTION	EXAMPLE
High	Production, Content, Digitization and Interactivity	NIAT Broadcast
Medium	Digitization and Creation of Content and Interactivity	University Conferences
Low	Digitization of Existing Content	Press Releases, Shuttle Launches and Landings from NASA TV

10.89.1 Requirements

The vendor shall provide the capability to support the following activities:

1. Digitize existing analog or digital material for web download or webcast;
2. Work with NASA TV to enable the capability of webcasting and archiving any material shown on NASA TV which would also be webcast;
3. Develop a plan for simultaneous webcasts from NASA Headquarters of different programs;
4. Webcast technology shall support both uni-cast and multi-cast routing;
5. Support additional requirements associated with the webcast such as CD-ROM and/or websites development or conversion;
6. The vendor shall explore existing commodity providers and recommend to NASA Headquarters a solution which includes the following considerations: overall price (including any infrastructure upgrades required), end-user presentation quality and availability, time-to-deliver issues (how quickly can a commodity webcast be initiated and with what level support from the vendor and NASA sides), technical growth capabilities of the commodity provider, impact on existing desktop workstations both within the NASA community and external to the NASA community;
7. The vendor shall examine the existing webcasting capability at other NASA facilities and provide a recommendation that will enable the existing NASA webcast infrastructure to be used by all Centers where the overall viewer audience is less than 1,000.
8. The vendor shall support a total of eighteen (18) NASA events; two (2) high, five (5) medium and twenty (20) low.
9. The vendor shall work with NASA HQ Webmaster to design and develop a software utility which allows the event support staff to automatically monitor, format, record and broadcast incoming email messages and questions to the live event stream. This application will facilitate the post-event archive by recording rudimentary "time codes" when questions are broadcasted within the stream and record the "transcript" for later use in the post-production process.
10. The contractor shall provide the means to host web conference events and associated web content including the registration system and accommodate mobile multimedia events.

10.89.2 Deliverables

1. Support for NASA standard webcasting capabilities hardware and software;
2. Support two high, five medium and twenty low events;
3. Provide in-house support for multicast streams up to -500 and out-sourcing support for streams in excess of 1000;
4. Recommendation on use of outsourcing vendor for webcasting streams in excess of 1000;
5. Webcast technology which supports both uni-cast, multi-cast, and relay casting;

The government anticipates the following hardware will be necessary to meet this requirement :

- 1 laptop & software (new reqmt #10 and associated deliverable #5)
- 1 web server & software (new reqmt #10 and associated deliverable #5)
- 1 streaming server & software (new reqmt #10 and associated deliverable #5)
- 1 encoder & software (deliverable #5)

6. Recommendation on how to best use and evolve the existing NASA Center-specific webcasting infrastructure so that it can be used essentially by any center from any center and yet still use all the existing (or evolving) NASA-provided infrastructure;
7. Implementation of recommendations cited in 6 above.
8. Software utility to automate the posting and broadcasting of incoming email questions for event participants.

10.89.3 Metrics

The performance standards specified in paragraphs 10.3.3 and 10.3.4 are applicable to this task.

**NASA Headquarters Office of Space Flight (OSF)
Information Technology (IT) Related Support
Statement of Work**

10.15 NASA Headquarters OSF IT-Related Support

10.15.1 General

The work required from the vendor is defined in three major areas, 1.) Information Technology (IT) Applications and Development, 2.) IT Planning and Analysis and 3.) IT Research and Special Studies

10.15.2 Scope

10.15.2.1 IT Applications and Development

The vendor shall provide supplemental ADP/IT support to OSF. These ADP/IT services include the management, analysis, development, implementation, maintenance and evaluation of office automation systems and Internet-based Web Sites and Applications that are unique to OSF or sponsored by OSF and shared with other NASA Headquarters or Enterprise activities, including OSF-managed Center activities. The Vendor shall design, develop, demonstrate, evaluate and deploy solutions that exploit emerging advanced technologies to meet OSF information system requirements.

10.15.2.2 IT Planning and Analysis

The vendor shall provide support to the OSF Office of the CIO in such areas as the IT Strategic Plan, OSF IT Master Schedule, IT cost insight, IT emerging technology and currency issues.

10.15.2.3 IT Research and Special Studies

The Vendor shall conduct Research and Special Studies and Strategies in emerging IT technologies. The vendor shall also provide technical assistance/recommendations of HW/SW which improve OSF productivity and acquire test beds to demonstrate feasibility of the technology and cost benefit opportunities.

10.15.3 Requirements

10.15.3.1 IT Applications and Development

The Vendor shall provide the operations, maintenance, planning, development, and training for all OSF unique applications/databases currently existing, or are under development or consideration for development.

The Vendor shall continue to provide research, develop, implementation and maintenance of state-of-the-art Web and network solutions to further develop OSF information systems, including:

- Advancements in developing the OSF Intranet as an effective information tool for OSF employees.
- Development of information and document management systems that provide improved document management and historical data archive.
- Development of improved project specific interoperability between the NASA Headquarters information systems/networks and OSF Field Centers information systems/networks.
- Development of Project-specific Extranet capabilities to promote enhanced communications and data exchange among the broader OSF work teams around the world.
- Development of improved public information presentation capabilities for the OSF web-based information systems.
- Maintenance of the OSF Internet presence
- Requirements driven analysis of OSF business processes and resolutions.

10.15.3.2 IT Planning and Analysis

This effort includes the following support to the OSF Chief Information Office:

- The Vendor shall develop and provide a yearly update to an OSF IT Strategic Plan. This plan will conform to the goals and objectives in the NASA Strategic Plan, OSF Strategic Plan, the NASA HQ Strategic Plan and the NASA CIO IT Strategic Plan.
- The Vendor shall develop and maintain a relationship-driven OSF IT Master Schedule that includes all the major milestones for the IT activities in and sponsored by the OSF Code M Headquarters organization.
- The Vendor shall provide summary hard copy of published information of IT emerging technology areas and review of the emerging IT industry media.
- The Vendor shall provide general analysis of current IT issues. The final product of each of these issues will be a white paper or a report.

10.15.4 Metrics

The performance standards specified in 10.3.1 and 10.3.2, 10.3.3 and 10.3.4 are applicable to this task order.

10.15.5 Deliverables

Specific deliverables of services/products include the following:

Title	Content	Due
OSF IT Master Schedule	Microsoft Project files that include activity, cost, duration, relationships, responsibilities, owners, milestones and other standard project information as appropriate. (ecopy only)	Quarterly
OSF IT Strategic Plan	In a format that will be mutually agreed to by the vendor and OSF CIO. (Both hard copy and ecopy)	Yearly
OSF Applications and Web Annual Report	<p>OSF Applications and Web Annual Report – This report will include all the applications that are currently operational, in development or currently considered for use by OSF. The report will identify:</p> <ul style="list-style-type: none"> • each application • the owner of the application • the audience and user community • the purpose of the application • where the application resides and pertinent technical details • what activities the Vendor shall be involved in with the application • recommendations (use, upgrades, consolidation, enhancement, termination) for the application • list reports and deliverables of each application • major milestones for the activity • the level of support the vendor plans for that activity in terms of dollars. <p>In a format that will be mutually agreed to by the vendor and OSF CIO. (Both hard copy and ecopy)</p>	Yearly
IT emerging technology and currency review	The format and content of these will be e-mailed copy of each article/item with an introductory section consisting of one to two sentences summarizing the information.	<p>Daily</p> <p>1 e-Copy to mailing list</p>
Study Report	A single written report for each study in a format that will be mutually agreed to by the vendor and OSF CIO. (One hard copy and one ecopy.)	At completion of each study
NASA Management Information System	A pilot management information system will be delivered. This will include the application's shell and sub modules to include a digital asset repository (file dropbox), org chart/bio manager, hot issues, and performance indicators. This will not include sustaining engineering, additional development or maintenance beyond the delivery of the pilot system.	12/6/2002

Advanced Knowledge Management Infrastructure Description of Work

10.91 General

The contractor shall support the design, development and implementation of the Advanced Knowledge Management Infrastructure (AKMI).

10.91.1 Requirements

- 1.
2. The contractor shall coordinate, analyze, and make recommendations to the implementation of the integrated AKMI infrastructure for the Advanced Technology Demonstration Center (ATDC), The Advanced Technology Research & Conferencing Center (ATRCC), Tethered Displays and other resources.
- 3.
4. The contractor shall present AKMI interoperability issues to NASA management.
5. The contractor shall synthesize requirements and technical issues of Enterprise Offices and Program Planning functions within Enterprises.
6. The contractor shall provide support for AKMI facility audits, investigations, and assessments on an ad-hoc basis. The contractor shall provide the required analysis to determine issues such as minimal network latency, adherence to IT Security constraints, acceptable system performance, subsystem integration, rendering results, and remote processing.
7. The contractor shall attend AKMI associated management and technical meetings.
8. The contractor shall provide presentation material and.
9. The contractor shall research, analyze, evaluate products, systems, and subsystems that may be showcased or integrated into the AKMI and maintain currency with industry and leading research and development.
10. The contractor shall evaluate and provide integration strategies to incorporate new system and equipment capabilities to keep current with leading research and development trends. The new equipment could either be showcased temporarily or permanently integrated into the AKMI at the direction of NASA management.
11. The contractor shall recommend changes to the AKMI infrastructure, policies, or guidelines to support activities.
- 12.
13. The contractor shall provide project plans, schedules, reviews, diagrams, systems integration, security, and procedural documentation required for the development, implementation and operations of the AKMI systems and subsystems.

10.91.1.1 Vision

The following describe the Vision of the Advanced Knowledge Management Infrastructure:

1. /explain to scientific and engineering community, NASA senior management, and other NASA stakeholders. {On-going}

2. {On-going}

10.91.1.2 Advanced Technology Demonstration Center

The Advanced Technology Demonstration Center provides a locale for demonstrating and showcasing new technologies developed and/or used by NASA. The contractor shall support the integration of systems with the following: a) physical characteristics, b) telecommunications requirements, c) computation facilities, d) video requirements, e) immersive and 3D non-immersive video display, f) HDTV, g) audio requirements and h) room operation, as well as the other capabilities in the detailed Systems Requirements Review

10.91.1.3 Tethered & Portable Devices

1.

10.91.1.4 Research Conferencing Center

The AKMI Research Conferencing Center shall support research conferences within NASA HQ and between NASA HQ, the Enterprise Centers, and other partners. In support of this the Contractor shall:

1. Ensure the system design shall include the following facility physical characteristics: safe environment; re-configurable seating for up to 50 participants; presenter space; operator controls; soundproofing; adjustable lighting; HVAC considerations.
2. The system shall include immersive, and 3-D non-immersive video rendering characteristics such as: the capability for high fidelity non-immersive 3D rendering of computer generated material and photographic material; ability to display simultaneous views; data transmission; local encoding and video rendering; support for video/video conferencing/audio/telecommunication/collaborative interfaces; and the capability for room operations as well as the other capabilities defined in the Systems Requirements Review.
3. The facility shall be compliant with the American Disabilities Act (ADA)

10.91.1.5 Equipment Evaluation

10.91.2 Deliverables

- 1.
2. Design and procurement specifications for ATCC and ATDC. Design specifications for the ATRCC
- 3.
4. Deliver an interoperability issues study
- 5.
6. Provide support for AKMI facility audits, investigations and assessments on an ad-hoc basis. This could include the required analysis to determine issues such as

- minimal network latency, adherence to IT Security constraints, acceptable system performance, subsystem integration, rendering results and remote processing
7. Attend AKMI associated management and technical meetings
 8. Provide presentation materials and present technical designs
 9. Provide periodic research reports that analyze and evaluate products, systems and subsystems that may be showcased or integrated into the AKMI and maintain currency with industry and leading research and development
 10. Provide evaluation and integration strategies as directed by NASA to incorporate new system and equipment capabilities to keep current with leading research and development trends
 11. Provide ongoing recommendations for changes to the AKMI infrastructure, policies, or guidelines needed to support AKMI activities
 - 12.
 13. Provide Project Plans, schedules, reviews, diagrams, systems integration, security, and procedural documentation required for the development, implementation and operations of the AKMI systems and subsystems. Delivery dates will be mutually agreed upon by both parties following PDR for each component

10.91.3 Parameters

1. Normal turnkey procurements processes will be utilized. NASA will retain title to all equipment acquired under this task.
2. All technologies included in SRR have solutions that are currently acceptable to NASA. The vendor will provide estimates for cost of each element. Costs may be affected after final design acceptance by NASA management. The vendor will notify the Contracting Officer of any changes to the baseline that impact the cost proposal.

10.91.4 Metrics

The performance standards specified in paragraphs 10.3.3 and 10.3.4 are applicable to this task

Subtask CLIN	Task	From	By	To	From	By	To	Current Funding	Est End Date of Funding
0201AB-BS	10.02			\$79,578.00			\$4,249.00	\$79,578.00	closed
0201AB-BR	10.03			\$59,571.00			\$3,826.00	\$59,571.00	closed
0201AB-AC	10.04			\$49,604.41			\$2,988.85	\$49,604.41	closed
0201AC-AD	10.06			\$123,018.53			\$7,914.95	\$79,046.07	4-Oct-02
0201AC-AE	10.08			\$2,941,792.51			\$176,517.30	\$2,841,222.51	4/25/2003
0201AC-AF	10.12			\$1,585,087.00			\$96,111.90	\$1,406,357.41	11-Dec-02
0201AC-BU	10.16			\$311,228.00			\$17,324.00	\$120,800.00	TBD
0201AC-BV	10.17			\$149,833.00			\$8,959.00	\$149,833.00	6-Dec-02
0201AC-AH	10.33							\$234,401.76	closed
0201AC-AJ	10.34			\$3,307,199.00			\$181,250.80	\$2,978,155.00	5/31/2003
0201AC-AK	10.41			\$799,569.53			\$45,982.55	\$628,429.53	TBD
0201AC-AL	10.46			\$1,326,148.13			\$84,121.55	\$1,001,815.13	1/3/2003
0201AC-AM	10.47			\$1,144,872.45			\$72,707.00	\$847,710.45	TBD
0201AC-AN	10.48			\$2,001,403.06			\$120,801.00	\$1,592,012.71	2/28/2003
0201AC-AO	10.51			\$531,795.49			\$34,573.75	\$488,545.00	21-Mar-03
0201AC-AP	10.52			\$74,422.00			\$2,978.04	\$74,422.00	20-Dec-02
0201AC-AQ	10.53			\$677,842.60			\$41,741.00	\$658,381.20	TBD
0201AC-AR	10.57			\$5,113,691.16			\$299,778.95	\$4,744,357.16	5-Feb-03
0201AB-AS	10.58			\$1,393,107.56			\$83,954.65	\$1,192,547.20	TBD
0201AC-AU	10.62			\$83,285.93			\$3,050.20	\$83,285.93	TBD
0201AC-AV	10.66			\$712,942.77			\$41,793.07	\$554,572.43	15-Feb-03
0201AC-AW	10.68			\$146,239.77			\$9,139.65	\$123,307.77	TBD
0201AB-AX	10.69			\$355,774.04			\$22,441.25	\$243,415.11	TBD
0201AC-BT	10.78			\$151,717.81			\$8,727.10	\$65,177.36	3-May-03
0201AC-BC	10.81			\$1,570,000.00			\$74,357.00	\$1,560,621.00	TBD
0201AC-AZ	10.82			\$253,941.00			\$16,327.60	\$205,458.00	30-Aug-02
0201AB-BA	10.84			\$664,771.26			\$40,704.85	\$558,812.25	1/31/2003
0201AC-BB	10.85			\$686,575.52			\$33,852.80	\$607,601.43	TBD
0201AC-BD	10.86			\$806,907.87			\$47,081.90	\$534,048.49	TBD
0201AC-BE	10.87			\$1,177,269.00			\$34,188.17	\$1,016,475.00	13-Mar-03
0201AC-BF	10.88			\$1,240,346.88			\$58,559.90	\$874,552.50	19-Sep-02
0201AC-BG	10.89			\$1,030,792.58			\$51,991.40	\$504,030.00	5/31/2003
0201AB-BH	10.9			\$17,200,116.00			\$17,200,116.00	\$917,000.00	11/8/2002
0201AB-BI	10.91			\$51,492.00			\$3,146.80	\$38,281.00	1-May-02
0201AB-BJ	10.92			\$625,142.00			\$39,943.58	\$625,142.00	31-May-02
0201AC-BK	10.93			\$139,069.00			\$9,356.50	\$116,307.00	20-Dec-02
0201AC-BL	10.94			\$252,754.00			\$18,085.00	\$195,800.00	15-Feb-02
0201AC-BN	10.95							\$2,971.00	closed
0201AC-BO	10.96			\$4,577,397.00			\$320,180.70	\$3,083,214.07	TBD
0201AB-BO	10.97			\$150,042.00			\$9,152.30	\$150,042.00	TBD
0201AC-BP	10.98			\$121,494.00			\$8,215.35	\$112,241.00	1-May-03
0201AC-BQ	10.99			\$587,011.00			\$35,936.00	\$422,770.00	2-Aug-02