

2. AMENDMENT/MODIFICATION NO. 000185  
 3. EFFECTIVE DATE See Block 16C  
 4. REQUISITION/PURCHASE REQ. NO.  
 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE NSSC  
 NASA Shared Services Center  
 Bldg. 1111, C Road  
 Stennis Space Center MS 39529-6000  
 7. ADMINISTERED BY (If other than Item 6) CODE NSSC  
 NASA Shared Services Center  
 Bldg. 1111, C Road  
 Stennis Space Center MS 39529-6000

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 HP ENTERPRISE SERVICES, LLC  
 13600 EDS DR  
 HERNDON VA 20171-3225  
 9A. AMENDMENT OF SOLICITATION NO. (x)  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO. x  
 NNX11AA01C  
 10B. DATED (SEE ITEM 13)  
 12/27/2010  
 CODE 1U305 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  is extended.  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 \_\_\_\_\_ copies 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 ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE 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 date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 52.212-4 Contract Terms and Conditions - Commercial Items, (c) Changes
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not.  is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Add:  
 Enhanced Large File Transfer, Version 2.2  
 Payment Terms:  
 Net 30 days

Except 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.

15A. NAME AND TITLE OF SIGNER (Type or print) Joseph W. Lentini, Contract Manager  
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Brad M. Diggs  
 15B. CONTRACTOR/OFFEROR  
 15C. DATE SIGNED 08/27/13  
 16B. UNITED STATES OF AMERICA  
 16C. DATE SIGNED 8/27/13  
 (Signature of person authorized to sign) (Signature of Contracting Officer)

1. The purpose of this modification is to incorporate the following:  
Incorporate one (1) approved Infrastructure Upgrade Proposal (IUP), (A.1) Enhanced Large File Transfer, Version 2.2 at a Firm Fixed Price (FFP) of [REDACTED]

In accordance with the Model Contract Section 3.3, Infrastructure Upgrade Ordering Process, the additional technology service referenced below is hereby incorporated into this Contract at the FFP set forth below.

ITEM NO.	IUP NO./ ESD REQUEST ID	IUP DESCRIPTION	PROPOSAL DATE	EFFECTIVE DATE	PRICE	DELIVERY
A.1	[REDACTED]	Enhanced Large File Transfer	August 16, 2013	August 21, 2013	[REDACTED]	Completion Date October 31, 2015
<b>TOTAL</b>					[REDACTED]	

**A.1- Enhanced Large File Transfer, Version 2.2:** The purpose of this Infrastructure Upgrade Proposal (IUP) is to provide Enhanced Large File Transfer (LFT) capabilities. Enhanced LFT will provide a method for large files up to a maximum of 100 GB to be moved between NASA Centers. This approach will meet NASA’s requirement for transport of video and other files between Centers as required by the Web Video production community within NASA and other organizations. The current transfer system is managed by The Launch System, and is based on the Telestream Launch COTS product which is End of Life.

Upon acceptance of this IUP and completion of the implementation services described herein, a replacement for the current end of life solution will be in place that the Web Video team and others at NASA will utilize to transport large files between Centers reliably and securely.

**B. SERVICES –**

The current LFT solution used by NASA supports single files or folders up to a maximum of 20 GB. This solution uses two physical appliances by Accellion located at Marshall Space Flight Center (MSFC) and Johnson Space Center (JSC), and supports base ACES services already included as part of the NOMAD offering. The version of Accellion LFT in production at MSFC and JSC does not support the addition of an external storage array. To support additional external storage, the current servers at MSFC and JSC are required to be rebuilt and upgraded to the current product versions.

HPES’ approach includes:

- Rebuilding and repurposing the current Accellion Appliances at JSC and MSFC as Hyper-V servers that will host the new Accellion Virtual Machines (VM).
- Upgrade of the current Accellion application at JSC and MSFC and configuration of the HQ server to the current Enterprise Connect File Sharing System includes:
- Microsoft Productivity Suite, Secure Collaboration, Secure File Transfer, Mobile Apps, Online Viewer Standard, Word Processing, Spreadsheet and Presentation Editor for iOS, and Automation.

- Increased Storage Capacity at the Primary and Secondary sites, JSC and MSFC. This will allow for larger files to be uploaded and transferred without affecting the current LFT user base.
- Procurement, installation, and configuration of a new Hyper-V server to be installed at HQ. This server will host to HQ Accellion VM Instance.
- Addition of a new Accellion VM Instance at NASA HQ. Video files uploaded to the MSFC server will only be replicated to the HQ VM allowing quicker local downloads of the video files to occur.

Specifications: The HPES solution will be sized to the following specifications:

- 2,000 licensed Accellion users (this is the current license pool)
- The Accellion solution provides dynamic licensing in that users do not have permanent licenses. Each user is granted a license reservation for 30 days, after which the license is returned to a pool. As needed manual clean-up of unused licenses may be performed periodically within the 30 day period.
- 7 calendar days of file retention
- 60 GB average single file/folder size
- 16 TB of additional, usable storage available per site, at two LFT sites (MSFC and JSC), for a total of 32TB of additional storage added. Replication will occur between the two sites to enhance file availability if one site goes offline. Replication to the HQ site will be filtered to allow replication of desired video files allowing for local download.
- An additional VM instance configured and installed at HQ. Not all LFT files will be replicated to the HQ instance. Replication to the HQ site will be filtered to allow replication of desired video files allowing for local download.

HPES will perform the following during implementation:

- Purchase Accellion upgraded application for production
- Purchase additional storage and add-on cards to enhance the current production LFT appliances at MSFC and JSC
- Rebuild MSFC and JSC appliances to be Hyper-V servers to host the Accellion VMs
- Install and configure server add-on cards and additional storage LUNS
- Procure, install, configure additional server to be a Hyper V host at NASA HQ
- Install, configure and test the Accellion VM instances on the Hyper-V hosts at MSFC, JSC, and NASA HQ
- HP will develop and provide the required HP DEV documents related to the Accellion solution:
  - DEV 400 Architectural Design
  - DEV 401 Engineering Technical Design
  - DEV403 Installation
  - DEV405 Bill of Materials
  - DEV406 Operation Guidelines
  - DEV408 Project Requirements
  - DEV409 Test Plan

Upon acceptance of this IUP in a fully executed contract modification, HPES will begin procurement of the hardware and Accellion software. If acceptance is provided by August 21, 2013, implementation of the Enhanced LFT services is expected to be completed by December 31, 2013. O&M of the new HQ infrastructure will begin the month following completion of the implementation which is projected to be January 2014. If IUP acceptance is delayed beyond the projected start date of August 22, 2013, timeframes and pricing must be re-submitted in an updated IUP.

**C. PRICING –**

HPES will provide project management, technical architecture development, subject matter expertise (SME), procurement of products, configuration, testing, and operations expertise. HPES is providing a firm fixed price solution which includes four components shown below; 1) Implementation, 2) Software Subscription, 3) Infrastructure, and 4) Ongoing Operations and Maintenance (O&M) Support.

For the implementation, HPES estimates that the project will require the support of an [REDACTED] and a [REDACTED]. The BOE for implementation labor shown is mapped to the appropriate ACES I-10 Labor Category hourly rates for [REDACTED] and [REDACTED] and uses the Contract Year (CY) 2 and CY3 rates of the ACES contract. The implementation labor is payable following the conclusion of the implementation, which is projected to be December 31, 2013.

(4.1) Implementation Labor – One-Time Price for the Implementation Period (August 22, 2013 – December 31, 2013)

Timeframe	Task/Role	Labor Category	Hours	Hourly Rate	Price
CY2 – Aug. 22, 2013 – Oct. 31, 2013	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CY2 – Aug. 22, 2013 – Oct. 31, 2013	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CY3 Nov. 1, 2013 – Dec. 31, 2013	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CY3 Nov. 1, 2013 – Dec. 31, 2013	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL			[REDACTED]	[REDACTED]	[REDACTED]

The infrastructure components include hardware, hardware maintenance, add-on cards, configuration services, and additional storage, and are shown in the following table. The pricing reflects a one-time purchase of all the components which will be procured by HPES. NASA will own the Infrastructure and will provide HPES a one-time payment in August 2013 for the components shown in the following table.

(4.2) Hardware, Configuration Services, and Storage – One-Time Charge (August 2013)

Component	Number/ Amount	Unit Price	Price
Server Add-On Card; HP 82Q 8Gb Dual Port PCI-e FC HBA	4	████████	████████
Infrastructure Upgrade – SAN Storage (Qty. 16 TB)	2 sites 16 TB each	████████	████████
HP DL380G8 Server w/ 60 mons maintenance	1	████████	████████
Cables	4	██████	██████
TOTAL			████████

HPES will obtain the subscription and support for the Accellion Enterprise Connect File Sharing System for the period of performance to support up to 2,000 users, which is the current level of usage. HPES or NASA will not own a license. Accellion software is provided as a subscription service and rights to use expire when the support contract expires. Should NASA require additional license quantities above this level, HPES will provide a separate proposal to address the increased volume of licenses. The subscription service will be purchased by HPES at project start and paid for by NASA on a monthly basis beginning at project start. There will be 27 payments beginning in August 2013.

(4.3) Software Subscription – Monthly Charge (August 22, 2013 – October 31, 2015) – See Section 4.5

Component	Number/ Amount	Unit Price	Price
Accellion Enterprise Connect File Sharing System -- Licensed Users with Mobile Productivity Suite, Multi-Branding, Content Filtering, FIPS Support *	1	████████	████████

\* Includes a credit for the current version of Accellion software in use.

The BOE for ongoing support labor shown is mapped to the appropriate ACES I-10 Labor Category hourly rates for ██████████ and uses the CY3 and CY4 rates of the ACES contract. The following pricing assumes a start date for the IUP of August 22, 2013 and an implementation completion date of December 31, 2013. O&M labor begins January 1, 2013 and is invoiced monthly.

(4.4) Ongoing O&M Support Labor – Monthly Price (January 1, 2014 – October 31, 2015)

Timeframe	Task Role	Labor Category	Hours per Month	Total Hours	Hourly Rate	Monthly Price	Price
CY3 – Jan. 1, 2014 – Oct. 31, 2014	Ongoing O&M of Hyper-V Host Servers	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CY4 – Nov. 1, 2014 – Oct. 31, 2015	Ongoing O&M of Hyper-V Host Servers	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL				[REDACTED]			[REDACTED]

**D. BILLING SCHEDULE –**

The total price for implementing and operating the proposed solution for the period of performance is \$559,661.38. NASA’s method of payment for the Enhanced LFT service is shown in the following table.

Total Price and Payments for all Components

Proposal Section	Component	Invoicing Timeframe	Number of Payments	Monthly Price	Total Price
4.1	Implementation Labor	January 2014	1		[REDACTED]
4.2	Infrastructure	August 2013	1		[REDACTED]
4.3	Software Subscription	August 2013 – October 2015	27	[REDACTED]	[REDACTED]
4.4	O&M Labor CY3	January 2014 – October 2014	10	[REDACTED]	[REDACTED]
	O&M Labor CY4	November 2014 – October 2015	12	[REDACTED]	[REDACTED]
TOTAL					[REDACTED]

Invoice Amounts and Schedule:

NASA will be invoiced one time in August 2013 in the amount of [REDACTED] for Infrastructure (Section 4.2).

NASA will be invoiced one time in January 2014 in the amount of [REDACTED] for Implementation Labor (Section 4.1).

NASA will be invoiced monthly (5 payments) in August 2013 – December 2013 in the amount of [REDACTED] per month for a total of [REDACTED] for Software Subscription Section 4.3).

NASA will be invoiced monthly (10 payments) in January 2014 – October 2014 in the amount of [REDACTED] per month ([REDACTED] for Software Subscription + [REDACTED] for O&M Labor) for a total of [REDACTED] (Sections 4.3 and 4.4).

NASA will be invoiced monthly (12 payments) in November 2014 – October 2015 in the amount of [REDACTED] per month ([REDACTED] for Software Subscription + [REDACTED] for O&M Labor for a total of [REDACTED] (Sections 4.3 and 4.4).

**E. ASSUMPTIONS:**

- HPES will enhance the current NOMAD LFT production service by adding upgraded storage capability at JSC and MSFC and adding an LFT service and the infrastructure to support it at HQ. The current license pool which supports 2,000 users will be used. No additional licenses or capabilities will be configured or purchased. Should NASA require additional license quantities above this level, HPES will provide a separate proposal to address the increased volume of licenses.
- The solution will utilize the existing center bandwidth availability (at MSFC, JSC and HQ) in order to deliver the network performance NASA requires. In the event the network cannot deliver the required level of performance, it will be NASA's responsibility to engage with NICS to provide network service capable of delivering to this requirement.
- A file of 100 GB will require approximately 20 Mbps of bandwidth to move within 12 hours. It is the responsibility of the customer and NICS to ensure this bandwidth is provided.
- The ability to checkpoint restart both file uploads and downloads is provided as part of the out-of-the-box Accellion solution.
- Throttling of the file upload or download speed is not available via the Accellion solution. If throttling of the transfer rate is required, QOS (Quality of Service) or some other method of rate limiting would need to be implemented.
- The Accellion solution is Section 508 compliant when accessed via a web browser supporting Section 508 compatibility.
- Retention of files is 7 calendar days. If the file has not been downloaded by the recipient(s) within the retention period it will automatically be deleted.
- As this is an upgrade to a current production service, HPES does not intend to fully follow 7120 unless specifically required to do so by NASA. If 7120 is required, this will significantly impact the schedule and pricing. HPES will create the following documentation, which generally corresponds to 7120 deliverables.
- Data center rack space, proper network connectivity, bandwidth, and power are available for the new server at the HQ data center location.
- Per terms provided by Accellion, the current Accellion software subscription pricing expires August 21, 2013. If the IUP is not accepted by this date, the Accellion pricing will increase and will need to be covered by an updated IUP.
- While HPES acknowledges receipt of the NASA letter dated May 24, 2013, dealing with FY2013 IT Restrictions, and has submitted questions to NASA seeking further guidance on how the Government will be implementing the direction contained in that letter, HPES, at this point, does not have sufficient understanding of the impact of the Government-directed IT restrictions to factor any changes into this IT-07 response. HPES reserves all rights under the contract to seek an equitable price adjustment and/or claim from NASA for the additional costs associated with adapting the HPES product selection

process to comply with the Government Section 516 IT Restriction compliance.

- Pricing included within this IUP is contingent upon NASA maintaining the services described herein for the duration of the entire period of performance (August 22, 2013 – October 31, 2015). HPES reserves all rights under the contract to seek an equitable price adjustment should the services be terminated prior to October 31, 2015.

2. Attachment I-7, Summary of IUPs incorporated into this contract is replaced in its entirety as reflected on the attached document.

3. All other terms and conditions of this delivery order remain unchanged.



**ATTACHMENT I-7  
SUMMARY OF INFRASTRUCTURE UPGRADE PROPOSALS (IUP)**

Proposal No./ESD Request ID.	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod Number
[REDACTED]	Microsoft Enterprise License Bridge	06/17/11	[REDACTED]	4
[REDACTED]	Enhanced System Admin Services – HQ/ITCD	12/15/11	[REDACTED]	018/095
[REDACTED]	Enhanced System Admin Services – HQ/ADMIN	12/15/11	[REDACTED]	018/096
[REDACTED]	File Services Seat Support - GRC	12/29/11	[REDACTED]	021/035
[REDACTED]	Dedicated System Admin Services-GRC/R	12/29/11	[REDACTED]	21
[REDACTED]	Dedicated System Admin Services-GRC/D	12/29/11	[REDACTED]	21
[REDACTED]	Dedicated System Admin Services – GRC/BLDG 3	12/29/11	[REDACTED]	21
[REDACTED]	Dedicated System Admin Services-GRC/FT	12/29/11	[REDACTED]	21
[REDACTED]	Dedicated System Admin Services GRC/H	12/29/11	[REDACTED]	210
[REDACTED]	Dedicated System Admin Services – GRC/BLDG 142	12/29/11	[REDACTED]	210
[REDACTED]	Enhanced System Admin Services – HQ/SMD	01/10/12	[REDACTED]	025/096
[REDACTED]	Purchase of ODIN Assets – JSC	01/25/12	[REDACTED]	28
[REDACTED]	Enhanced System Admin Services – HQ/CSSC	01/25/12	[REDACTED]	028/129
[REDACTED]	MIP Solution – NSSC	01/25/12	[REDACTED]	28
[REDACTED]	Dedicated System Admin Services – SSC/GPO	02/03/12	[REDACTED]	30
[REDACTED]	Dedicated Support Services - MSFC/XP	02/13/12	[REDACTED]	032/122
[REDACTED]	Dedicated System Administration Services - MSFC/NEACC	02/13/12	[REDACTED]	32
[REDACTED]	Enhanced System Administrator Services - HQ/COOP	02/13/12	[REDACTED]	032/091
[REDACTED]	DSA Support – LaRC/COD	02/27/12	[REDACTED]	035/088/128
[REDACTED]	DSA Support –LaRC/A1	02/24/12	[REDACTED]	035/088

**ATTACHMENT I-7  
SUMMARY OF INFRASTRUCTURE UPGRADE PROPOSALS (IUP)**

Proposal No./ESD Request ID.	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod Number
[REDACTED]	DSA Support – LaRC/D5	02/24/12	[REDACTED]	035/088
[REDACTED]	DSA Support – LaRC/D322	02/24/12	[REDACTED]	035/088
[REDACTED]	DSA Support – LaRC/AH	02/24/12	[REDACTED]	035/088
[REDACTED]	DSA Support – LARC/C1	02/24/12	[REDACTED]	035/088
[REDACTED]	DSA Support – LaRC/D214	02/24/12	[REDACTED]	035/088
[REDACTED]	DSA Support – LaRC/E5-E6	02/24/12	[REDACTED]	035/088/133
[REDACTED]	DSA Support – LaRC/E4	02/24/12	[REDACTED]	35
[REDACTED]	DSA Support – LaRC/B2	02/24/12	[REDACTED]	35
[REDACTED]	DSA Support – LaRC/C2	02/24/12	[REDACTED]	35
[REDACTED]	DSA Support – LaRC/D304	02/24/12	[REDACTED]	035/129
[REDACTED]	DSA Services – MSFC/Bldg 4200	02/24/12	[REDACTED]	035/142
[REDACTED]	Dedicated Move Support Services at MSFC/AS21	02/24/12	[REDACTED]	035/066/084/089/096/108
[REDACTED]	DSA Services– SSC/KACE	02/24/12	[REDACTED]	35
[REDACTED]	Move Support - HQ	02/24/12	[REDACTED]	035/66/119
[REDACTED]	DSA Support – LaRC/E3	02/24/12	[REDACTED]	35
[REDACTED]	Dedicated System Administration Services – ARC/A	03/12/12	[REDACTED]	38
[REDACTED]	Dedicated System Administration Services – ARC/JA	03/12/12	[REDACTED]	38/150
[REDACTED]	Dedicated System Administration Services – ARC/HR	03/12/12	[REDACTED]	38/150
[REDACTED]	Enhanced System Administration Services – HQ/Lenel	03/12/12	[REDACTED]	038/159/178

**ATTACHMENT I-7  
SUMMARY OF INFRASTRUCTURE UPGRADE PROPOSALS (IUP)**

Proposal No./ESD Request ID.	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod Number
[REDACTED]	Google Pilot Support- HQ	03/01/12	[REDACTED]	38
[REDACTED]	Move Support – KSC/GSD&O, LX	03/16/12	[REDACTED]	42
[REDACTED]	ELVIS II Computer Seat Installation	03/21/12	[REDACTED]	042/049/058/078
[REDACTED]	JSC Software and Support Purchases	03/30/12	[REDACTED]	045/074/157
[REDACTED]	Enhanced System Administration Services – HQ/SW Librarian	03/30/12	[REDACTED]	045/095
[REDACTED]	Move Support II – KSC/GSD&O, LX	03/23/12	[REDACTED]	45
[REDACTED]	Dedicated Support Services – GRC/KACE	04/13/12	[REDACTED]	49
[REDACTED]	Enhanced System Administration Support – GSFC/JPSS	04/19/12	[REDACTED]	51
[REDACTED]	DFRC Purchase of ODIN Assets	04/24/12	[REDACTED]	51
[REDACTED]	Dedicated Support Services – GRC/KACE	05/01/12	[REDACTED]	53
[REDACTED]	Move Support – GRC/GESS IT	05/11/12	[REDACTED]	57
[REDACTED]	Dedicated System Support - DFRC/MI	05/21/12	[REDACTED]	58
[REDACTED]	ProofPoint Privacy Module Pilot – Phase	05/30/12	[REDACTED]	61
[REDACTED]	Domain Controllers - JSC/MCC	06/01/12	[REDACTED]	52
[REDACTED]	DAR Expedited Deployment – NSSC	07/24/12	[REDACTED]	71
[REDACTED]	NSSC Early Tech Refresh	08/06/12	[REDACTED]	74
[REDACTED]	GRC Equipment Usage- “Lights On”	08/24/12	[REDACTED]	78
[REDACTED]	KSC WINS Server Support	09/27/12	[REDACTED]	87
[REDACTED]	SSC Early Tech Refresh	10/03/12	[REDACTED]	90
[REDACTED]	Elevated Privileges (EP) Provisioning Support – SSC	10/12/12	[REDACTED]	93

**ATTACHMENT I-7  
SUMMARY OF INFRASTRUCTURE UPGRADE PROPOSALS (IUP)**

Proposal No./ESD Request ID.	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod Number
[REDACTED]	LaRC Early Tech Refresh	10/12/12	[REDACTED]	93
[REDACTED]	MSFC/Bldg. 4200-SEB	10/30/12	[REDACTED]	95
[REDACTED]	Landsat Data Continuity Mission (LDCM) Support – GSFC	11/20/12	[REDACTED]	102
[REDACTED]	Expedited DAR Encryption – GSFC	11/28/12	[REDACTED]	105
[REDACTED]	Enhanced Support for DAR Installation and Activation – HQ	12/03/12	[REDACTED]	108
[REDACTED]	MSFC Software Maintenance Purchase	12/20/12	[REDACTED]	116/142
[REDACTED]	GSFC Early Tech Refresh - Additional	12/20/12	[REDACTED]	116
[REDACTED]	JSC Move Support (Bldg 4S)	01/09/13	[REDACTED]	120/167
[REDACTED]	GSFC Early Tech Refresh	01/10/13	[REDACTED]	121
[REDACTED]	KSC New Seat Installs- TOSC	01/17/13	[REDACTED]	122/125/132
[REDACTED]	Early Tech Refresh IUP – GSFC (Singer)	01/30/13	[REDACTED]	125
[REDACTED]	Dedicated Support – Air Force Contact Records- KSC	01/30/13	[REDACTED]	125
[REDACTED]	Early Tech Refresh-LaRC (Jan. 2013)	01/30/13	[REDACTED]	125
[REDACTED]	Early Mobility Upgrade- WFF (Stuchlik)	01/30/13	[REDACTED]	125
[REDACTED]	Vidyo Plugin Support for NASA DMV Pilot	02/01/13	[REDACTED]	126
[REDACTED]	Increased NOMAD Mailbox Size	02/06/13	[REDACTED]	130
[REDACTED]	Early Mobility Refresh-SSC Feb 2013- 5 Users(Black, Golden, Kelly, Malcom, Cook)	02/20/13	[REDACTED]	135/ 180
[REDACTED]	Early Mobility Refresh-KSC (Zari)	02/20/13	[REDACTED]	135
[REDACTED]	ICAM NCAD Engineering Support	02/20/13	[REDACTED]	135/ 183
[REDACTED]	Enhanced System Administration Services – HQ/I St.	02/26/13	[REDACTED]	136

**ATTACHMENT I-7  
SUMMARY OF INFRASTRUCTURE UPGRADE PROPOSALS (IUP)**

Proposal No./ESD Request ID.	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod Number
[REDACTED]	Early Mobility Refresh-KSC (Henry, Postell, Bundy)	03/04/13	[REDACTED]	138
[REDACTED]	Early Tech Refresh-MSFC (Feb 2013-5 Users)	03/04/13	[REDACTED]	138
[REDACTED]	Early Mobility Upgrade-GRC Version 1.1	03/04/13	[REDACTED]	138
[REDACTED]	Infrastructure Move Support – MSFC	03/04/13	[REDACTED]	139
[REDACTED]	Early Tech Refresh-NSSC	03/11/13	[REDACTED]	140/149
[REDACTED]	JSC Early Tech Refresh	3/11/2013	[REDACTED]	140
[REDACTED]	Dedicated System Admin – Walk-Up Support – ARC/Code I – Proposal	03/14/13	[REDACTED]	142
[REDACTED]	Dedicated System Administration – ARC/Bldg. 200	03/18/13	[REDACTED]	143
[REDACTED]	Dedicated System Administration – ARC/Code I	03/18/13	[REDACTED]	143
[REDACTED]	Additional Printer – Model C6000/DFRC	03/25/13	[REDACTED]	145
[REDACTED]	Early Tech and Mobility Refresh-SSC	03/28/13	[REDACTED]	147/ 148
[REDACTED]	Second Expedited DAR Encryption – GSFC	03/28/13	[REDACTED]	147
[REDACTED]	Early Mobility Refresh-MSFC (Wright)	03/28/13	[REDACTED]	147
[REDACTED]	Early Mobility Refresh-MSFC (Wright)	03/28/13	[REDACTED]	147
[REDACTED]	Early Mobility Refresh-GRC (Shalkhauser)	03/28/13	[REDACTED]	147
[REDACTED]	Early Tech Refresh-GSFC	04/17/13	[REDACTED]	152
[REDACTED]	Early Tech Refreshes – GSFC (April 2013)	04/25/13	[REDACTED]	155
[REDACTED]	SSC Early Tech Refresh	05/08/13	[REDACTED]	157
[REDACTED]	SSC WINS Server Support	05/24/13	[REDACTED]	161/164
[REDACTED]	SSC Legacy OU Support	05/24/13	[REDACTED]	161/164
[REDACTED]	KSC Move Support - NE	06/03/13	[REDACTED]	166
[REDACTED]	Support for MOD Z420 Compute Seats-JSC)	06/07/13	[REDACTED]	167
[REDACTED]	Early Tech Refresh-NSSC	06/07/13	[REDACTED]	167
[REDACTED]	KSC Move Support-LX	06/19/13	[REDACTED]	171

**ATTACHMENT I-7  
SUMMARY OF INFRASTRUCTURE UPGRADE PROPOSALS (IUP)**

Proposal No./ESD Request ID.	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod Number
[REDACTED]	Early Tech Refresh-GSFC (Nair)	06/19/13	[REDACTED]	171
[REDACTED]	Early Tech Refresh-ARC (Agnew)	06/19/13	[REDACTED]	171/173
[REDACTED]	Early Tech Refresh - JSC (Logan)	06/27/13	[REDACTED]	173
[REDACTED]	Early Mobility Refresh-KSC (June 2013)	06/27/13	[REDACTED]	173
[REDACTED]	Dedicated System Administration Support-ARC/MCC	07/12/13	[REDACTED]	173
[REDACTED]	Early Tech Refresh-KSC (Comstock)	07/12/13	[REDACTED]	175
[REDACTED]	Early Tech Refresh-HQ (Shin)	07/12/13	[REDACTED]	175
[REDACTED]	Early Mobility Refresh-GSFC (July 2013)	07/12/13	[REDACTED]	175
[REDACTED]	Early Mobility Refresh-DFRC (Hernandez)	07/12/13	[REDACTED]	175
[REDACTED]	GRC Software Subscription – Discovery	07/12/13	[REDACTED]	175
[REDACTED]	Early Mobility Refresh-HQ (Watkins)	07/12/13	[REDACTED]	175
[REDACTED]	Early Tech Refresh-KSC (Deal)	08/07/13	[REDACTED]	178
[REDACTED]	Early Tech Refresh-LaRC (Roberts)	08/07/13	[REDACTED]	178
[REDACTED]	Software Inventory Report for ACES Compute Seats-DFRC	08/07/13	[REDACTED]	178
[REDACTED]	Early Tech Refresh-GSFC (3 Compute Seats)	08/07/13	[REDACTED]	178
[REDACTED]	Early Tech Refresh-GRC (Meyer)	08/07/13	[REDACTED]	178
[REDACTED]	Early Mobility Refresh IUP-KSC (Hansen Hurst)	08/22/13	[REDACTED]	183
[REDACTED]	<b>Enhanced Large File Transfer</b>	<b>08/26/13</b>	[REDACTED]	<b>185</b>