

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 14
2. AMENDMENT/MODIFICATION NO. 000279	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Shared Services Center Bldg. 1111, C Road Stennis Space Center MS 39529-6000	CODE NSSC	7. ADMINISTERED BY (If other than Item 6) NASA Shared Services Center Bldg. 1111, C Road Stennis Space Center MS 39529-6000	CODE NSSC
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) HP ENTERPRISE SERVICES, LLC 13600 EDS DR HERNDON VA 20171-3225		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE 1U305 FACILITY CODE			9B. DATED (SEE ITEM 11)
		x	10A. MODIFICATION OF CONTRACT/ORDER NO. NNX11AA01C
			10B. DATED (SEE ITEM 13) 12/27/2010

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.)

Incorporate:

- (A.1) [REDACTED] Early Mobility Refresh - GSFC (Raimond) Version 1.0
- (A.2) [REDACTED] Tech Refresh (15 Mobility) - HQ Version 1.1
- (A.3) [REDACTED] Early Tech Refresh - SSC (Robinson) Version 1.1
- (A.4) [REDACTED] Early Tech Refresh - LaRC (MFD) Version 1.0
- (A.5) [REDACTED] Early Tech Refresh - GSFC (Jarrell) Version 1.0
- (A.6) [REDACTED] Early Tech Refresh - GSFC (Morrison) Version 1.0
- (A.7) [REDACTED] Early Tech Refresh - GRC (ABL KDM) Version 1.0

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Adam D. Kiefer, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Lewis R. Hansen	
15B. CONTRACTOR/OFFEROR <u>Adam D. Kiefer</u> (Signature of person authorized to sign)	15C. DATE SIGNED 11-19-14	16B. UNITED STATES OF AMERICA <u>Lewis R. Hansen</u> (Signature of Contracting Officer)	16C. DATE SIGNED

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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) HP ENTERPRISE SERVICES, LLC 13600 EDS DR HERNDON VA 20171-3225		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE 1U305 FACILITY CODE		x	9B. DATED (SEE ITEM 11)
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	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.)

Incorporate:

- (A.1) [REDACTED] Early Mobility Refresh - GSFC (Raimond) Version 1.0
- (A.2) [REDACTED] Tech Refresh (15 Mobility) - HQ Version 1.1
- (A.3) [REDACTED] Early Tech Refresh - SSC (Robinson) Version 1.1
- (A.4) [REDACTED] Early Tech Refresh - LaRC (MFD) Version 1.0
- (A.5) [REDACTED] Early Tech Refresh - GSFC (Jarrell) Version 1.0
- (A.6) [REDACTED] Early Tech Refresh - GSFC (Morrison) Version 1.0
- (A.7) [REDACTED] Early Tech Refresh - GRC (ABL KDM) Version 1.0

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Lewis R. Hansen
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	16C. DATE SIGNED 11/21/2014
15C. DATE SIGNED	16B. DATE SIGNED

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
NNX11AA01C/000279

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NAME OF OFFEROR OR CONTRACTOR
HP ENTERPRISE SERVICES, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment Terms: Net 30 days				

Section I. Modification Summary paragraph:

The purpose of this modification is to incorporate the following:

1. Incorporate (014) fourteen approved Infrastructure Upgrade Proposal's (IUP):
 - (A.1) # [REDACTED] Early Mobility Refresh-GSFC (Raimond) Version 1.0 at a Firm Fixed Price (FFP) of [REDACTED]
 - (A.2) [REDACTED] Tech Refresh (15 Mobility) – HQ Version 1.1 at a Firm Fixed Price (FFP) of [REDACTED]
 - (A.3) [REDACTED] Early Tech Refresh-SSC (Robinson) Version 1.1 at a Firm Fixed Price (FFP) of [REDACTED]
 - (A.4) [REDACTED] Early Tech Refresh-LaRC (MFD) Version 1.0 at a Firm Fixed Price (FFP) of [REDACTED]
 - (A.5) [REDACTED] Early Tech Refresh-GSFC (Jarrell) Version 1.0 at a Firm Fixed Price (FFP) of [REDACTED]
 - (A.6) [REDACTED] Early Tech Refresh-GSFC (Morrison) Version 1.0 at a Firm Fixed Price (FFP) of [REDACTED]
 - (A.7) [REDACTED] Early Tech Refresh-GRC (ABL KDM) Version 1.0 at a Firm Fixed Price (FFP) of [REDACTED]

In accordance with 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]	Early Mobility Refresh-GSFC (Raimond)	07/08/2014	NASA authorized to proceed on 10/29/2014	[REDACTED]	Completion date N/A, One-time charge
A.2	[REDACTED]	Tech Refresh (15 Mobility) – HQ	10/14/2014	NASA authorized to proceed on 10/20/2014	[REDACTED]	Completion date N/A, One-time charge
A.3	[REDACTED]	Early Tech Refresh-SSC (Robinson)	11/05/2014	NASA authorized to proceed on 11/05/2014	[REDACTED]	Completion date N/A, One-time charge
A.4	[REDACTED]	Early Tech Refresh-LaRC (MFD)	10/15/2014	NASA authorized to proceed on 10/20/2014	[REDACTED]	Completion date N/A, One-time charge
A.5	[REDACTED]	Early Tech Refresh-GSFC (Jarrell)	10/24/2014	NASA authorized to proceed on 10/29/2014	[REDACTED]	Completion date N/A, One-time charge
A.6	[REDACTED]	Early Tech Refresh-GSFC (Morrison)	10/24/2014	NASA authorized to proceed on 11/03/2014	[REDACTED]	Completion date N/A, One-time charge
A.7	[REDACTED]	Early Tech Refresh-GRC (ABL KDM)	10/30/2014	NASA authorized to proceed on 11/12/2014	[REDACTED]	Completion date N/A, One-time charge
TOTAL					[REDACTED]	

Note for [REDACTED]

All ETR's consists of an Asset Transition Value (ATV), if any, and a RTSS fee. The following table presents the terms agreed to by NASA and HPES for fulfillment of ETRs, both compute and mobile. The ATV calculations are from contract modification #169, dated June 14, 2013. The interim ETR process is from NASA's email dated March 26, 2014.

ETR Charge	Method for Calculating or Charging
ATV for Compute	(Acquisition cost of the original device divided by the number of months of the useful life of the seat) multiplied by the remaining months of the useful life of the seat = ETR Price
ATV for Mobile	(MSRP price for the original device at time of initial order divided by the number of months of the useful life of the seat) multiplied by the remaining months of the useful life of the seat.
Interim Refresh Process	Use of RTSS CLINs S-1 (compute seat) and S-2 (mobility seat) for all early tech refresh requests and/or ACES like to unlike refresh requests for devices that have reached the end of their useful life. Valid through September 1, 2014.

HPES will submit Service Requests (SR) in NASA Enterprise Service Request System (ESRS) on behalf of the users identified in the IUP for each refresh request to track the refresh for the new seat orders. For compute seats there will be 2 SR's coordinated by HPES, a new seat request and a de-subscribe request of the old seat that was refreshed. For mobile seats, there will be 3 SR's, a new seat request, a configuration change to move the current line number to the new device and a de-subscribe of the old device/ new number that was obtained.

The deployment of the new seat will follow the same work instructions used to complete a refresh to include all steps expected as part of a standard refresh. Reporting of these refreshed seats are not included in the standard deployment reports. All SR's generated to support this IUP are considered SLA exempt. The new seat order will be fulfilled within 10 days unless otherwise agreed upon by both parties.

ETR's also consists of the following assumptions:

- The new seat ordered by HPES on behalf of the user will be exactly what is submitted by the requestor in the IUP per the New Seat template (Appendix A). The specific base-seat CLIN and all requested sub-CLINs must be provided in the template in accordance with the current I-9 CLIN tables. If a sub-CLIN is not explicitly stated in the template, the default in ESRS is selected.
- HPES will enter the new seat order SR on behalf of the user. The SR will be saved and the user will be notified via email that the request is awaiting their approval in ESRS. This is a critical step. The user must agree to and submit the SR for NASA approval before hardware orders will be released to HPES for fulfillment.

- The execution of the refresh is dependent on NASA approving the new seat order SR in ESRS which initiates the logistics process to obtain the seat. If this approval is not completed by NASA in a timely manner, HPES may not meet the requested date for performing the ETRs.
- Quantities of ETRs greater than 10 are subject to a negotiated schedule. The schedule will be coordinated with the NASA POC and HPES Operations team to complete the seat refreshes in a timely manner.
- End users have the final review of the order prior to submission for NASA approval of the SR. HPES will not accept a seat rejected at time of delivery. NASA approval of the SR results in an order for a device. Any rejection of the new device will result in ATV charges.

Section II. IUP Summary:

A.1) [REDACTED] – Early Mobility Refresh-GSFC (Raimond) Version 1.0

[REDACTED] – Early Mobility Refresh-GSFC (Raimond) Version 1.0: The purpose of this IUP is to assist one GSFC user in obtaining an Early Tech Refresh (ETR) for a mobility device before the schedule refresh date (36 months compute; 18 months mobility).

B. SERVICES –

**See Note Above.

C. PRICING –

HPES has calculated below the charge for ATV of the specified devices within the scope of this IUP using the established formulas.

Mobility

User	Line #	Birth Date	ETR Date	Remaining Months of Useful Life	Original Device	Original Device MSRP	ATV
Robert Raimond	202-815-8637	Nov 2012	July 2014	0	Blackberry Bold 9650	[REDACTED]	[REDACTED]

The CLIN S-1 and/or S-2 charges as applied to this IUP are shown in the following table:

CLIN	CLIN Price (CY3)	Number of Units	Price
S-1 Compute Seat RTSS	[REDACTED]	[REDACTED]	[REDACTED]
S-2 Cellular Seat RTSS	[REDACTED]	[REDACTED]	[REDACTED]
Total			[REDACTED]

D. BILLING SCHEDULE –

Upon NASA's acceptance of this IUP and its inclusion in a fully executed ACES contract modification, and following completion of the refresh, HPES will invoice NASA for [REDACTED] for ATV and [REDACTED] for the RTSS charge for the specified device. The total price of this IUP is [REDACTED].

(Note: Regardless of when the IUP is accepted, whether in time for a July 2014, or later ETR, the ATV will not change, and the total price of the IUP will remain at [REDACTED].)

The total amount for A.1) [REDACTED] Early Mobility Refresh-GSFC (Raimond)	[REDACTED]
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The CLIN S-1 and/or S-2 charges as applied to this IUP are shown in the following table:

CLIN	CLIN Price (CY3)	Number of Units	Price
S-1 Compute Seat RTSS	████	██	█
S-2 Cellular Seat RTSS	████	█	████
Total			████

D. BILLING SCHEDULE –

Upon NASA’s acceptance of this IUP and its inclusion in a fully executed ACES contract modification, and following completion of the refresh, HPES will invoice NASA for █████ for the ATV and █████ for the CLIN S-2 RTSS charges for the specified 15 devices. The total price of this IUP is █████

(Note: Should the IUP not be accepted in time for HPES to perform an October 2014 refresh, and the refreshes are actually performed in November 2014, the price will remain █████

*** On October 28, 2014 NASA requested the following mobile device be removed from this IUP request. The end-user no longer requires porting of her number to a new ACES mobile seat.**

Madeline Butler
 301.395.9135

HPES should continue to port the phone numbers for the other devices identified in this IUP. Upon completion HPES should invoice █████ (████ █████) for RTSS CLIN S-2 for 15 mobile devices.

Please acknowledge acceptance of this revision to █████ Version 1.1.

On October 208, 2014 HPES concurred with this request via email

Please accept this email as HPES’ acceptance of this revision to IUP-ACES-0266 Version 1.1.

The total amount for A.2) █████ Tech Refresh (15 Mobility) – HQ	████
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A.3) [REDACTED] Version 1.1 Early Tech Refresh-SSC (Robinson)

[REDACTED] Version 1.1 Early Tech Refresh-SSC (Robinson): The purpose of this IUP is to assist one user at NASA Stennis Space Center (SSC) in obtaining an Early Tech Refresh (ETR) for a compute device before the schedule refresh date (36 months compute; 24 months iPad; 18 months mobility).

B. SERVICES –

**See Note Above.

C. PRICING –

HPES has calculated below the charge for ATV of the specified devices within the scope of this IUP using the established formulas.

Compute

User	Asset #	Birth Date	ETR Date	Remaining Months of Useful Life	Original Device	Original Acquisition Cost	ATV
Barry Robinson	40017133	Oct 2012	Nov 2014	11	MacBook Air 13 Ultra lightweight	[REDACTED]	[REDACTED]
Total							[REDACTED]

The CLIN S-1 and/or S-2 charges as applied to this IUP are shown in the following table:

CLIN	CLIN Price (CY3)	Number of Units	Price
S-1 Compute Seat RTSS	[REDACTED]	[REDACTED]	[REDACTED]
S-2 Cellular Seat RTSS	[REDACTED]	1	[REDACTED]
Total			[REDACTED]

D. BILLING SCHEDULE –

Upon NASA's acceptance of this IUP and its inclusion in a fully executed ACES contract modification, and following completion of the refresh, HPES will invoice NASA for [REDACTED] for ATV and [REDACTED] for the CLIN S-1 RTSS charge for the specified devices. The total price of this IUP is [REDACTED]

(Note: Should the IUP not be accepted in time for HPES to perform a November 2014 refresh, and the ETR is actually performed in December 2014, the ATV charge will reduce to [REDACTED], and the total price of the IUP will be adjusted accordingly to [REDACTED])

The total amount for A.3) [REDACTED] Early Tech Refresh-SSC (Robinson) [REDACTED]

A.4) [REDACTED] Early Tech Refresh-LaRC (MFD) Version 1.0

[REDACTED] Early Tech Refresh-LaRC (MFD) Version 1.0: The purpose of this IUP is to assist one user at NASA Langley Research Center (LaRC) in obtaining an Early Tech Refresh (ETR) for a MFD device before the schedule refresh date (36 months compute; 24 months iPad; 18 months mobility; 48 months MFD).

B. SERVICES –

**See Note Above.

C. PRICING –

HPES has calculated below the charge for ATV of the specified devices within the scope of this IUP using the established formulas.

MFD

User	Asset #	Birth Date	ETR Date	Remaining Months of Useful Life	Original Device	Original Acquisition Cost	ATV
Christine Williams	30092867	April 2012	Oct 2014	18	Bizhub 363 B/W	[REDACTED]	[REDACTED]

The CLIN S-1 and/or S-2 charges as applied to this IUP are shown in the following table:

CLIN	CLIN Price (CY3)	Number of Units	Price
S-1 Compute Seat RTSS	[REDACTED]	1	[REDACTED]
S-2 Cellular Seat RTSS	[REDACTED]	1	[REDACTED]
Total			[REDACTED]

D. BILLING SCHEDULE –

Upon NASA's acceptance of this IUP and its inclusion in a fully executed ACES contract modification, and following completion of the refresh, HPES will invoice NASA for [REDACTED] for ATV and [REDACTED] for the CLIN S-1 RTSS charge for the specified device. The total price of this IUP is [REDACTED].

(Note: Should the IUP not be accepted in time for HPES to perform a refresh in October 2014, and the ETR is actually performed in November 2014, the ATV charge will reduce to [REDACTED], and the total price of the IUP will be adjusted accordingly to [REDACTED].)

The total amount for A.4) [REDACTED]	[REDACTED]
Early Tech Refresh-LaRC (MFD)	[REDACTED]

A.5) # [REDACTED] Early Tech Refresh-GSFC (Jarrell) Version 1.0

[REDACTED] **Early Tech Refresh-GSFC (Jarrell) Version 1.0:** The purpose of this IUP is to assist one user at NASA Goddard Space Flight Center (GSFC) in obtaining an Early Tech Refresh (ETR) for a compute device before the schedule refresh date (36 months compute; 24 months iPad; 18 months mobility).

B. SERVICES –

**See Note Above.

C. PRICING –

HPES has calculated below the charge for ATV of the specified devices within the scope of this IUP using the established formulas.

Compute

User	Asset #	Birth Date	ETR Date	Remaining Months of Useful Life	Original Device	Original Acquisition Cost	ATV
Elizabeth Jarrell	40003232	Apr 2012	Nov 2014	5	Probook 6560B	[REDACTED]	[REDACTED]

The CLIN S-1 and/or S-2 charges as applied to this IUP are shown in the following table:

CLIN	CLIN Price (CY3)	Number of Units	Price
S-1 Compute Seat RTSS	[REDACTED]	1	[REDACTED]
S-2 Cellular Seat RTSS	[REDACTED]	[REDACTED]	[REDACTED]
Total			[REDACTED]

D. BILLING SCHEDULE –

Upon NASA's acceptance of this IUP and its inclusion in a fully executed ACES contract modification, and following completion of the refresh, HPES will invoice NASA for [REDACTED] for ATV and [REDACTED] for the RTSS charge for the specified device. The total price of this IUP is [REDACTED]

(Note: Should the IUP not be accepted in time for HPES to perform a November 2014 refresh, and the ETR is actually performed in December 2014, the ATV charge will reduce to [REDACTED], and the total price of the IUP will be adjusted accordingly to [REDACTED])

The total amount for A.5) [REDACTED] Early Tech Refresh-GSFC (Jarrell)	[REDACTED]
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A.6) # [REDACTED] Early Tech Refresh-GSFC (Morrison) Version 1.0

[REDACTED] **Early Tech Refresh-GSFC (Morrison) Version 1.0:** The purpose of this IUP is to assist one user at NASA Goddard Space Flight Center (GSFC) in obtaining an Early Tech Refresh (ETR) for a compute device before the schedule refresh date (36 months compute; 24 months iPad; 18 months mobility).

B. SERVICES –

**See Note Above.

C. PRICING –

HPES has calculated below the charge for ATV of the specified devices within the scope of this IUP using the established formulas.

HPES will make best efforts to fulfill the refresh during the timeframe October 13 – 22, 2014, when Mr. Savelev is in the United States.

Compute

User	Asset #	Birth Date	ETR Date	Remaining Months of Useful Life	Original Device	Original Acquisition Cost	ATV
Charles Morrison	40003800	Oct 2012	Nov 2014	11	Probook 6560B	[REDACTED]	[REDACTED]

The CLIN S-1 and/or S-2 charges as applied to this IUP are shown in the following table:

CLIN	CLIN Price (CY3)	Number of Units	Price
S-1 Compute Seat RTSS	[REDACTED]	1	[REDACTED]
S-2 Cellular Seat RTSS	[REDACTED]	1	[REDACTED]
Total			[REDACTED]

D. BILLING SCHEDULE –

Upon NASA's acceptance of this IUP and its inclusion in a fully executed ACES contract modification, and following completion of the refresh, HPES will invoice NASA for [REDACTED] for ATV and [REDACTED] for the RTSS charge for the specified device. The total price of this IUP is [REDACTED]

(Note: Should the IUP not be accepted in time for HPES to perform a November 2014 refresh, and the ETR is actually performed in December 2014, the ATV charge will reduce to [REDACTED] and the total price of the IUP will be adjusted accordingly to [REDACTED])

The total amount for A.6) [REDACTED] Early Tech Refresh-GSFC (Morrison)	[REDACTED]
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A.7) [REDACTED] Early Tech Refresh-GRC (ABL KDM) Version 1.0

[REDACTED] Early Tech Refresh-GRC (ABL KDM) Version 1.0: The purpose of this IUP is to assist two users at NASA Glenn Research Center (GRC) in obtaining an Early Tech Refresh (ETR) for a compute device before the schedule refresh date (36 months compute; 24 months iPad; 18 months mobility).

B. SERVICES –

**See Note Above.

C. PRICING –

HPES has calculated below the charge for ATV of the specified devices within the scope of this IUP using the established formulas.

Compute

User	Asset #	Birth Date	ETR Date	Remaining Months of Useful Life	Original Device	Original Acquisition Cost	ATV
Azlin Biaggi-Labiosa	30015285	Oct 2012	Nov 2014	11	Lenovo/ThinkCentre	[REDACTED]	[REDACTED]
Kimberly Dagleish-Miller	40024529	Mar 2013	Nov 2014	16	Dell Probook 6560b	[REDACTED]	[REDACTED]
Total							[REDACTED]

The CLIN S-1 and/or S-2 charges as applied to this IUP are shown in the following table:

CLIN	CLIN Price (CY3)	Number of Units	Price
S-1 Compute Seat RTSS	[REDACTED]	1	[REDACTED]
S-2 Cellular Seat RTSS	[REDACTED]	[REDACTED]	[REDACTED]
Total			[REDACTED]

D. BILLING SCHEDULE –

Upon NASA's acceptance of this IUP and its inclusion in a fully executed ACES contract modification, and following completion of the refreshes, HPES will invoice NASA for [REDACTED] for ATVs and [REDACTED] for the CLIN S-1 RTSS charges for the specified devices. The total price of this IUP is [REDACTED].

(Note: Should the IUP not be accepted in time for HPES to perform the refreshes in November 2014, and the ETRs are actually performed in December 2014, the ATV charges will reduce to [REDACTED], and the total price of the IUP will be adjusted accordingly to [REDACTED].)

The total amount for A.7) [REDACTED] Early Tech Refresh-GRC (ABL KDM)	[REDACTED]
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NOTE:

1. Attachment I-7, Summary of IUPs incorporated into this contract is replaced in its entirety as reflected on the attached document.
2. All other terms and conditions of this contract remain unchanged.

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

IUP - Number	Proposal Title	Version	Date Approved	Ending POP	Negotiated Value	Mod Number
	Microsoft Enterprise License Bridge		6/17/11	7/1/11		4
	File Services Seat Support - GRC	2.0	12/29/11			21
			2/24/13	2/1/12		35
	DSA Support – LaRC/COD	1.0	2/24/12			35
		2.0	9/28/12			88
		2.1	2/5/13	10/1/15		128
		2.5	8/19/14	7/31/15		262
	DSA Support –LaRC/A1		2/24/12			35
		2.0	9/28/12	10/1/15		88
	DSA Support – LaRC/D5		2/24/12			35
		2.0	9/24/12	10/1/15		88
	DSA Support – LaRC/D322		2/24/12			35
		2.0	9/28/12	10/1/15		88
	DSA Support – LaRC/AH		2/24/12			35
		2.0	9/28/12	10/1/15		88
	DSA Support – LARC/C1		2/24/12			35
		2.0	9/28/12	10/1/15		88
	DSA Support – LaRC/D214		2/24/12			35
		2.0	9/28/12	10/1/15		88
	DSA Support – LaRC/E5-E6		2/24/12			35
		2.0	9/28/13			88
		2.1	12/18/12	10/1/15		133
	Enhanced System Admin Services – HQ/SMD		1/11/12			25
		2.0	11/1/12	10/1/15		96
	Enhanced System Admin Services – HQ/ITCD		12/15/11			18
		2.0	10/31/13			95
		2.0	Cancelled	9/4/13	10/1/15	187
	Enhanced System Admin Services – HQ/ADMIN	1.1	12/15/11			18
		2.0	11/1/12	10/31/15		96
		3.0	10/21/14			270
	Dedicated System Admin Services- GRC/R		12/29/11	10/1/15		21
	Dedicated System Admin Services- GRC/D		12/29/11	10/1/15		21
	Dedicated System Admin Services – GRC/BLDG 3		12/29/11	10/1/15		21
	Dedicated System Admin Services- GRC/FT		12/29/11	10/1/15		21
	Purchase of ODIN Assets – JSC		1/25/12	1/1/12		28
	Dedicated System Admin Services - GRC/H		12/29/11	10/1/15		21
	Dedicated System Admin Services – GRC/BLDG 142		12/29/11	10/1/15		21
	Enhanced System Admin Services – HQ/CSSC		1/25/12			28
		2.0	2/6/13	10/1/15		129
	MIP Solution – NSSC		1/25/12	10/1/15		28
	DSA Support – LaRC/E4		2/24/12	10/1/15		35
	DSA Support – LaRC/B2		2/24/12	10/1/15		35
	DSA Support – LaRC/C2		2/24/12	10/1/15		35
	DSA Support – LaRC/D304		2/24/12			35
		1.0	2/6/13	10/1/15		129

ATTACHMENT I-7 - SUMMARY OF INFRASTRUCTURE UPGRADE PROPOSALS (IUUP)

IUP - Number	Proposal Title	Version	Date Approved	Ending POP	Negotiated Value	Mod Number
	DSA Services – MSFC/Bldg 4200		2/24/12			35
		2.0	3/15/13	10/1/15		142
	Dedicated Support Services - MSFC/XP		2/14/12			32
		2.0	1/18/13	12/1/14		122
	Dedicated System Administration Services - MSFC/NEACC		2/13/12	10/1/15		32
	Dedicated Move Support Services at MSFC/AS21		2/24/12			35
		1.2	7/23/12			66
		1.3	9/19/12			84
		1.4	10/2/12			89
		1.5	11/1/12			96
		2.0	12/4/12			108
		3.0	9/30/13	9/30/14		199
		4.0	9/22/14	9/30/15		270
	Enhanced System Administrator Services - HQ/COOP		2/13/12			32
		2.0	10/8/12	10/1/15		91
	Dedicated System Admin Services – SSC/GPO		2/3/12	10/1/15		30
	DSA Services– SSC/KACE		2/24/12	10/1/15		35
	Move Support - HQ	1.0	2/24/12			35
		2.0	7/3/12			66
		3.0	1/8/13			119
		3.1	7/17/14	9/30/14		256
	DSA Support – LaRC/E3		2/24/12	10/1/15		35
	Dedicated System Administration Services – ARC/A		3/12/12	10/1/15		38
	Dedicated System Administration Services – ARC/JA	1.0	3/12/12			38
			4/12/13	4/1/13		150
	Dedicated System Administration Services – ARC/HR		3/12/12			38
			4/12/13	4/1/13		150
	Enhanced System Administration Services – HQ/Lenel	1.0	3/12/12			38
		2.0	5/21/13			159
		2.1	8/8/13			178
		2.2	4/22/14	10/15/15		239
	JSC Software and Support Purchases	1.0	3/30/12			45
		2.0	8/6/12			74
		3.0	5/9/13	10/31/15		157
	Enhanced System Administration Support – GSFC/JPSS		4/19/12	10/1/15		51
	Google Pilot Support- HQ		3/1/12	5/1/12		38
	Move Support – GRC/GESS IT		5/11/12	7/1/12		57
	Dedicated Support Services – GRC/KACE		4/13/12	10/1/15		49
	ProofPoint Privacy Module Pilot – Phase		5/30/12	9/1/12		61
	Move Support – KSC/GSD&O, LX		3/16/12	3/1/12		42
	ELVIS II Computer Seat Installation		3/21/12			42
			4/18/12			49
			5/22/12			58
			8/27/12	8/24/12		78
	Enhanced System Administration Services – HQ/SW Librarian	2.0	4/3/12			45
			10/31/13	10/1/15		95

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

IUP - Number	Proposal Title	Version	Date Approved	Ending POP	Negotiated Value	Mod Number
		2.0 Cancelled	9/4/13			187
	DFRC Purchase of ODIN Assets		4/24/12	5/15/12		51
	Move Support II – KSC/GSD&O, LX		3/23/12	3/1/12		45
	Dedicated Support Services – GRC/KACE		5/1/12	10/1/15		53
	Dedicated System Support - DFRC/MI		5/21/12	10/1/15		58
	Domain Controllers - JSC/MCC		6/1/12	10/1/15		52
	GRC Equipment Usage- "Lights On"		8/24/12	10/1/12		78
	NSSC Early Tech Refresh		8/6/12	7/1/12		74
	Enhanced Large File Transfer	2.2	8/26/13	10/1/15		185
	DAR Expedited Deployment – NSSC		7/24/12	8/1/12		71
	SSC Early Tech Refresh		10/3/12	10/1/12		90
	KSC WINS Server Support	1.1	9/27/12			87
		1.3	12/5/13	10/31/14		214
		1.4	9/18/14	10/31/15		270
	Increased NOMAD Mailbox Size		2/6/13	10/1/15		130
	JSC Early Tech Refresh		3/11/2013	4/1/12		140
	KSC New Seat Installs- TOSC	2.0	1/18/13			122
			1/31/13			125
		3.1	2/12/13	3/1/13		132
	Elevated Privileges (EP) Provisioning Support – SSC		10/12/12			93
			11/14/13	10/1/15		205
	LaRC Early Tech Refresh		10/12/12	9/1/12		93
	MSFC/Bldg. 4200-SEB		10/30/12			95
			9/30/13			198
			11/22/13	9/1/14		210
	Dedicated Support – Air Force Contact Records- KSC		1/30/13	10/1/15		125
	Early Mobility Upgrade-GRC Version 1.1		3/4/13	5/1/13		138
	Landsat Data Continuity Mission (LDCM) Support – GSFC		11/20/12	8/1/13		102
	Enhanced System Administration Services – HQ/I St.		2/26/13	7/1/14		136
	Proofpoint Phase II Regulatory Compliance Module Support	2.2	8/8/14	10/31/15		262
	Dedicated System Administration – ARC/Bldg. 200		3/18/13	10/1/15		143
	Enhanced Support for DAR Installation and Activation – HQ		12/3/12	12/1/12		108
	Expedited DAR Encryption – GSFC		11/28/12	12/1/12		105
	GSFC Early Tech Refresh		1/10/13	1/1/13		121
	Vidyo Plugin Support for NASA DMV Pilot		2/1/13	10/1/15		126
	GSFC Early Tech Refresh - Additional		12/20/12	3/1/13		116
	MSFC Software Maintenance Purchase		12/20/12			116
		2.0	3/15/13	3/1/13		142
	Early Mobility Refresh IUP-KSC (Hansen Hurst)	1.2	8/22/13	8/1/13		183
	JSC Move Support (Bldg 4S)		1/10/13			120
		1.2	6/11/13	2/8/13		167
	Second Expedited DAR Encryption – GSFC		3/28/13	12/1/12		147
	Dedicated System Administration – ARC/Code I		3/18/13	10/1/15		143
	Early Tech Refresh IUP – GSFC (Singer)		1/30/13	4/1/13		125
	Support for MOD Z420 Compute Seats- JSC)		6/7/13	10/1/15		167
	Early Mobility Upgrade- WFF (Stuchlik)		1/30/13	2/1/13		125
	Early Tech Refresh-LaRC (Jan. 2013)		1/30/13	3/1/13		125

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

IUP - Number	Proposal Title	Version	Date Approved	Ending POP	Negotiated Value	Mod Number
	ICAM NCAD Engineering Support		2/21/13			135
		1.1	8/21/13	11/1/13		183
	Early Tech Refresh-GSFC		4/17/13			152
	Early Mobility Refresh-SSC Feb 2013- 5 Users(Black, Golden, Kelly, Malcom, Cook)	1.3	2/21/13			135
		1.3	8/14/13			180
		1.3	8/14/13	8/1/13		180
	Dedicated System Admin – Walk-Up Support – ARC/Code I – Proposal		3/14/13	10/1/15		142
	Early Tech Refresh-MSFC (Feb 2013-5 Users)		3/4/13	7/1/13		138
	Early Mobility Refresh-KSC (Zari)		2/20/13	2/1/13		135
	Early Tech Refresh-NSSC		3/11/13			140
		Cancelled	4/10/13	4/1/13		149
	Early Mobility Refresh-KSC (Henry, Postell, Bundy)		3/4/13	3/1/13		138
	Infrastructure Move Support – MSFC		3/4/13	5/1/13		139
	Early Mobility Refresh-MSFC (Wright)		3/28/13	3/1/13		147
	Early Tech Refresh-KSC (Deal)	1.2	8/7/13	8/1/13		178
	Early Tech and Mobility Refresh-SSC	1.1	3/28/13			147
		1.1	4/3/13	4/1/13		148
	Early Mobility Refresh-MSFC (Wright)		3/28/13	3/1/13		147
	Early Mobility Refresh-GRC (Shalkhauser)		3/28/13	5/1/13		147
	Additional Printer – Model C6000/DFRC	2.1	3/25/13			145
		2.3	9/26/13	10/1/15		196
	Early Tech Refreshes – GSFC (April 2013)		4/25/13	11/1/13		155
	Early Mobility Refresh-KSC (June 2013)		6/27/13	8/1/13		173
	SSC WINS Server Support	Cancelled	5/24/13			161
			5/31/13			164
	SSC Legacy OU Support	Cancelled	5/24/13			161
			5/31/13			164
	SSC Early Tech Refresh		5/8/13	6/1/13		157
	Early Tech Refresh-NSSC		6/7/13	7/1/13		167
	KSC Move Support - NE		6/3/13	6/1/13		166
	Dedicated System Administration Support– ARC/MCC		7/12/13	7/1/13		173
	KSC Move Support-LX		6/19/13	7/1/13		171
	GRC Software Subscription – Discovery	1.1	7/15/13			175
		1.2	11/26/13	7/1/13		210
	Early Tech Refresh-GSFC (Nair)		6/19/13	11/1/13		171
	Early Tech Refresh-ARC (Agnew)		6/20/13			171
		cancelled	7/2/13			173
	Early Tech Refresh - JSC (Logan)		6/27/13	7/1/13		173
	Early Mobility Refresh-GSFC (July 2013)		7/12/13	7/1/13		175
	Early Tech Refresh-HQ (Shin)	1.1	7/12/13	8/1/13		175
	Early Tech Refresh-KSC (Comstock)		7/12/13	8/1/13		175
	Domain Controllers – JSC/JWST	1.3	11/26/13	10/1/15		210
	Early Mobility Refresh-DFRC (Hernandez)	1.1	7/12/13	7/1/13		175
	Early Mobility Refresh-HQ (Watkins)		7/12/13	8/1/13		175
	Software Inventory Report for ACES Compute Seats-DFRC		8/7/13	11/1/13		178
	Early Tech Refresh-GRC (Meyer)	1.1	8/7/13	10/1/13		178
	HQ Mobile Device BOT Correction	1.3	12/5/13	1/31/14		214
	Move Support for 10 Servers - SSC	1.1	9/26/13			196
			11/26/13	12/1/13		210
	Early Tech Refresh-LaRC (Roberts)		8/7/13	8/1/13		178
	Early Tech Refresh-GSFC (3 Compute Seats)		8/7/13	8/1/13		178

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

IUP - Number	Proposal Title	Version	Date Approved	Ending POP	Negotiated Value	Mod Number
	ITIL Support for EUSO	1.2	9/25/13	4/1/14		196
		1.4	12/17/14	4/30/14		217
	Early Tech Refresh-LaRC		11/15/13	10/1/13		205
	Early Tech Refresh-LARC		8/28/13	8/1/13		186
	Data Center Relocation Support – HQ/ITCD		9/5/13	9/1/13		188
	Early Tech Refresh – GSFC (Nov 2013 – 4 Users)	1.1	11/26/13	12/1/13		210
	Migrate 42 HOSC Shared Exchange Mailbox accounts		9/16/13	10/1/13		192
	Reduced Gold Load for Z420 Compute Seats – JSC/MOD	1.2	12/5/13	10/1/15		214
	Support for Loaner Laptops for International Use GRC	1.1	1/23/14	10/31/15		222
		1.3	5/19/14			247
		2.1	1/23/14	10/31/15		222
		2.3	5/19/14			247
	CMOE ROME Transition 300 Compute Seats – LaRC	1.1	10/29/13	2/1/14		201
	MFD Seat Change Assessment – GRC	1.0	11/26/13	12/10/13		210
		2.1	3/12/14	4/12/14		230
	Early Mobility Refresh - KSC	1.1	10/29/13	10/1/13		201
	Global Precipitation Measurement (GPM) Launch Site Support – GSFC	1.1	11/15/13	6/1/14		205
	Early Tech Refresh-GSFC (Estep)		12/5/13	12/1/13		214
	Early Tech Refresh-GSFC (Strong)	1.1	11/15/13	10/1/13		205
	Early Tech Refresh-LaRC (Sparrow)	1.1	12/5/13	12/1/13		214
	NSSC Check Scanning System Support	1.1	1/23/14	10/31/15		222
	Early Tech Refresh (Compute) – JSC (19 Users)	1.1	5/28/14			252
	Early Tech Refresh (Compute) – NSSC (Total 32)	1.0	4/25/14	5/31/14		241
	Early Tech Refresh (Mobility) – ARC (3 Users)	1.0	4/4/14			236
	Early Tech Refresh (Compute) – GSFC (Cornwell)	1.1	4/25/14			245
	Early Tech Refresh (Mobility) – KSC (Org AA)	1.0	4/4/14			236
	Early Tech Refresh (Mobility) – GSFC (Raphael)	1.1	5/6/14			245
	ACES Gold Build Image for Crew Support LAN-JSC	1.2	5/15/14	10/31/15		248
	Early Tech Refresh (Compute) – GSFC (Mazur Wartts)	1.1	4/25/14			245
	Early Tech Refresh (Mobility) – LaRC (Roe)	1.0	4/9/14			236
	Early Tech Refresh (Compute) – GSFC (Hronek)	1.0	5/6/14			245
	Dedicated Support Services-MSFC/IS	1.0	4/22/14			239
	Early Tech Refresh (Mobility) – JSC (Weyland)	1.0	5/6/14			245
	Launch Services Program Support – KSC	1.2	6/30/14	10/31/15 10/31/18		254
	Early Tech Refresh (Mobility) – JSC (Fry)	1.0	4/30/14			245
	Early Mobility Refresh – JSC (Saiz)	1.0	5/14/14			248
	Early Tech Refresh (Compute) – JSC (Tapia)	1.0	5/15/14			248
	Move Support for ACES Servers-GSFC	1.1	7/7/14	10/31/15		262

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IUP - Number	Proposal Title	Version	Date Approved	Ending POP	Negotiated Value	Mod Number
	Early Mobility Refresh – JSC (Wyche)	1.0	5/20/14			248
	Early Tech Refresh (Compute) – KSC (3 Seats)	1.0	5/30/14			252
	Early Tech Refresh (Compute) – HQ (McNally)	1.0	5/20/14			248
	Early Tech Refresh (Compute) – KSC (Bolger)	1.0	5/30/14			252
	Early Tech Refresh (Compute) – JSC (LeBlanc)	1.0	6/12/14			252
	Early Tech Refresh (Compute) – JSC (June-10 Seats)	1.0	6/12/14			252
	Early Mobility Refresh – KSC (June-4 Seats)	1.0	6/17/14			252
	Early Mobility Refresh – KSC (June-13 Seats)	1.0	6/18/14			252
	Early Tech Refresh (Compute) – JSC (June-3 Seats)	1.0	6/6/14			252
	Early Mobility Refresh-GRC (Pietravoia)	1.0	6/13/14			252
	Early Mobility Refresh – SSC (Ladner)	1.0	6/16/14			252
	Early Tech Refresh (Compute) – HQ (June-2 Seats)	1.0	6/10/14			252
	Purchase of Legacy Assets – LaRC	1.0	7/9/14			255
	Early Tech Refresh (Compute) – HQ (Grant Robinson)		7/7/14			256
	Early Tech Refresh-ARC (Notley Simonsen)		6/27/14			256
	Seat Move Support-GRC	1.0	7/8/14			255
	Early Mobility Refresh – NSSC (Glorioso-Mudgett)		6/23/14			256
	Early Tech Refresh-JSC (42 Seats)	1.2	8/9/14			264
	Early Tech Refresh-GSFC (Obenschain Abell)		7/7/14			256
	Early Mobility Refresh-GSFC (Raimond)	1.0	10/29/14			279
	Early Mobility Refresh – KSC (July-14 Seats)	1.0	7/30/14			264
	Early Tech Refresh-JSC (Mitchell)		7/10/14			256
	Seat Move Support-LaRC (74 Seats)	1.0	8/7/14	10/3/14		262
	Early Tech Refresh (iPad) - SSC (Cook)	1.0	7/23/14			264
	Early Tech Refresh (Compute) – JSC (Mellard)	1.0	7/29/14			264
	Dedicated System Administration-GSFC/SSCO	1.0	7/28/14	10/31/15 10/31/18		263
	Early Mobility Refresh – AFRC (Richards)	1.0	8/11/14			264
	Early Tech Refresh (2 Compute Seats) – HQ/CFO	1.0	8/26/14			264
	Early Tech Refresh (3 Compute Seats) – HQ/OPS	1.0	8/19/14			264
	Early Tech Refresh (4 Compute Seats) – HQ/SMD	1.0	8/15/14			264
	Early Mobility Refresh-GSFC (Lohr Lin)	1.0	9/8/14			267
	Dedicated System Admin – Walk-Up Support – HQ/ITCD	1.1	10/10/14	9/30/15		277

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IUP - Number	Proposal Title	Version	Date Approved	Ending POP	Negotiated Value	Mod Number
	Early Tech Refresh – GRC (King Naghipour)	1.0	9/12/14			267
	Early Tech Refresh – SSC (Subat Powell)	1.0	9/10/14			267
	PIV Testing and Documentation for OWA	1.2	10/14/14	12/31/14		277
	Early Mobility Refresh-GSFC (Alvarez Enciso)	1.0	9/8/18			267
	Early Mobility Refresh-AFRC (Horn)	1.0	8/27/14			264
	Early Tech Refresh-HQ (Duh)	1.0	0/2/14			267
	Early Tech Refresh – HQ (Hoover Fesler)	1.1	9/4/14			267
	Tech Refresh (11 Mobility) – HQ/SMD	1.1	9/25/14			271
	Early Tech Refresh – HQ (Grossman Marshall)	1.0	9/2/14			267
	Early Tech Refresh-HQ (Brock-Watkins)	1.0	9/8/14			267
	Tech Refresh (16 Mobility) – HQ	1.1	10/27/14			279
	Early Tech Refresh-HQ (Whyte)	1.0	9/11/14			267
	Early Mobility Refresh-HQ (Miller)	1.0	10/6/14			271
	Early Tech Refresh-HQ (Delo)	1.0	9/10/14			267
	Early Tech Refresh – LaRC (Camarda)	1.0	9/10/14			267
	Early Mobility Refresh-LaRC (Arboneaux)	1.0	10/14/14			267
	Seat Move Support – KSC (Sep 2014)	1.1	9/30/14	10/3/14		277
	Early Tech Refresh-SSC (Robinson)	1.1	10/20/14			279
	Early Mobility Refresh – KSC (Kroskey)	1.0	9/18/2014			271
	Early Tech Refresh – KSC (Higgins Miloslavich)	1.0	9/18/2014			271
	Early Tech Refresh – LaRC (Phojanamongkolkij)	1.0	9/22/2014			271
	Emergency Move Support-KSC	1.0	9/12/14	9/26/14		270
	Early Tech Refresh-JSC (Cox Dawson)	1.0	9/16/14			267
	Early Tech Refresh – JSC (Savelev)	1.0	10/9/14			271
	Dedicated Support Services- MSFC/4200 SEB	1.0	9/25/14	9/30/15		270
	Early Tech Refresh-JSC (Mason)	1.0	10/14/14			271
	Early Mobility Refresh-AFRC (Bahm)	1.0	10/6/2014			271
	Tech Refresh – HQ (O'Brien)	1.0	10/6/2014			271
	Early Tech Refresh – JSC (Oct 2014 3 Seats)	1.0	10/14/2014			271
	Early Tech Refresh – JSC (Vogtman Martinez)	1.0	10/14/2014			271
	Early Mobility Refresh – JSC (Fuller)	1.0	10/14/2014			271
	Dedicated Support Services – LaRC/Office of Procurement	1.0	10/14/14	6/30/15		277
	Early Tech Refresh-AFRC (Ginn)	1.0	10/8/2014			271
	Early Tech Refresh-LaRC (MFD)	1.0	10/20/2014			279
	Early Tech Refresh – LaRC (McMurry)	1.0	10/15/2014			271
	Early Tech Refresh-GSFC (Jarrell)	1.0	10/29/2014			279

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

IUP - Number	Proposal Title	Version	Date Approved	Ending POP	Negotiated Value	Mod Number
[REDACTED]	Early Tech Refresh-GSFC (Morrison)	1.0	11/3/2014		[REDACTED]	279
[REDACTED]	Early Tech Refresh-GRC (ABL KDM)	1.0	11/12/2014		[REDACTED]	279