AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

	1. CONTRACT ID CODE	PAGE OF PAGES
		1 12

2. AMENDMENT/MODIFICATION NO.	3 EFFECTIVE DATE	4 REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
000147	See Block 16C		

6. ISSUED BY CODE	NSSC	7. ADMINISTERED BY (If other than Item 6) CODE	NSSC

NASA Shared Services Center
Bldg. 1111, C Road
Stennis Space Center MS 39529-6000

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)	(X)	9A. AMENDMENT OF SOLICITATION NO.

HP ENTERPRISE SERVICES, LLC
13600 EDS DR
HERNDON VA 20171-3225

9B. DATED (SEE ITEM 11)

	X	10A. MODIFICATION OF CONTRACT/ORDER NO.
		NNX11AA01C

10B. DATED (SEE ITEM 13)

CODE 1D305	FACILITY CODE	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, [X] 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.)

NASA - Agency Consolidated End-user Services (ACES)
Add:
A.1) Early Tech and Mobility Refresh- SSC
A.2) Second Expedited DAR Encryption -GSFC
A.3) Early Mobility Refresh- MSFC (C Singer)
A.4) Early Mobility Refresh-MSFC (Wright)
A.5) Early Mobility Refresh- GRC (Shalkhauser)
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)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Joseph W. Lenfre, Contract Manager	William R. Horton /or
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	03/28/13	(Signature of Contracting Officer)	3/28/13

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

The purpose of this modification is to incorporate the following:

Incorporate four (4) approved Infrastructure Upgrade Proposal (IUP), (A.1) Early Tech and Mobility Refresh-SSC at a Firm Fixed Price (FFP) of ▮▮▮▮▮ (A.2) Second Expedited DAR Encryption – GSFC, at a Firm Fixed Price (FFP) of ▮▮▮▮▮ (A.3) Early Mobility Refresh-MSFC (C Singer) at a Firm Fixed Price (FFP) of ▮▮▮▮ (A.4) Early Mobility Refresh-MSFC (Wright) at a Firm Fixed Price (FFP) of ▮▮▮ and (A.5) Early Mobility Refresh-GRC (Shalkhauser) at a Firm Fixed Price (FFP) of ▮▮▮▮

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	▮▮▮	Early Tech and Mobility Refresh-SSC	03/21/2013	Upon Acceptance of this IUP	▮▮▮	▮▮▮
A.2	▮▮▮	Second Expedited DAR Encryption – GSFC	01/16/2013	12/07/2012	▮▮▮	▮▮▮
A.3	▮▮▮	Early Mobility Refresh-MSFC (C Singer)	03/08/2013	Upon Acceptance of this IUP	▮▮▮	▮▮▮
A.4	▮▮▮	Early Mobility Refresh-MSFC (Wright)	03/08/2013	Upon Acceptance of this IUP	▮▮▮	▮▮▮
A.5	▮▮▮	Early Mobility Refresh-GRC (Shalkhauser)	3/25/2013	Upon Acceptance of this IUP	▮▮▮	▮▮▮
TOTAL					▮▮▮	

A.1- Early Tech and Mobility Refresh-SSC: The purpose of this IUP is to assist NASA users in obtaining Early Tech Refreshes (ETRs) for compute and mobility devices that are exchanged for devices before their schedule refresh dates (36 months compute; 18 months mobility).

    B. **SERVICES –**
        Explanation of Compute Early Tech Refresh
        If the user's compute device has not met its refresh eligibility date requirement when it is replaced, HPES uses the following methodology stated in the ACES contract PWS Section 3.16 to arrive at the buyout price for the device.

The Contractor shall invoice the remainder of the Asset Transition Value (ATV) for the existing seat's hardware platform at the time of the request.

HPES calculates the remaining value of the equipment to be taken out of service using the ATV of the asset at the time of the refresh and charges the buyout price.

Explanation of Mobility Early Tech Refresh

Users agree to an 18-month usage period when services are ordered and one new device is provided. At the end of the term, the user is eligible to receive a similar new device for use over the following 18-month period. If the user's device has not met its refresh eligibility date requirement when it is replaced, this results in an extra charge.

The charge is based on the number of months the original device was used and the MSRP of the new device. NASA is credited with a pro-rated portion of the use of the prior device according to the following formula:

The formula is the same as that which is used for replacing MSLD devices.

Refreshed Devices In Scope

Information on the devices being refreshed is provided in this section. Per the requirements, HPES will perform the mobility refresh within 20 days of NASA's acceptance of this IUP. HPES will perform the compute refreshes within 30 days of NASA's acceptance of this IUP.

C. PRICING –

HPES has calculated the sum of ATVs for the compute devices receiving early tech refreshes within the scope of this IUP. HPES has calculated the charge for early mobility refreshes for the one device within the scope of this IUP using the established formula noted

User	Center	Type of Seat	Asset Tag	Issue Date	ETR Date	ATV at Refresh
Ellen Clark	SSC	Laptop	200819231	5/17/2010	4/30/2013	███
Suzanne Clark	SSC	Laptop	200626366	12/21/2010	4/30/2013	███
Robyn Gavagnie	SSC	Laptop	*200819228/ 200811306	10/01/2010	4/30/2013	███
Crystal Martin	SSC	Laptop	200822133	2/4/2011	4/30/2013	███
Ernest Coco	SSC	Laptop	200819241	8/5/2010	4/30/2013	███
Total						███

*Asset #200819228 was replaced by #200811306 through an incident ticket because of a hardware failure. The original birthday for asset #200819228 is retained for the tech refresh date since "like" machines are delivered to the user in the instance of a hardware failure.

The information in the following table is used to establish the identity of the in-scope mobility devices and for calculation of the charges to NASA.

User	Line #	Orig. Date	From Device	To Device	Months Used	New Device MSRP**
Ronald Magee	228-332-2104	8/1/2012	AT&T iPhone 4s 16GB	VzW iPhone 5 16GB	7	███

** For this user, the new carrier (VzW) charges HPES a discounted price for the device because it is a new line of service to them.

HPES calculates the charges for mobility ETRs according to the following formula, which is used to replace MSLD devices:

███████████████████████████████████

Price Calculation for Early Upgrade to New Mobility Devices

Item No.	Description	Months Used	MSRP of Replacement Device	Replacement Formula	Total Charge
228-332-2104	Original Device: ATT iPhone 4s 16GB	▌	███	████	███
	New Device: VzW New iPhone 5				
Total					███

D. BILLING SCHEDULE –

ETRs of compute seats	███
ETR of one mobility device	███
Total	███

Upon NASA's acceptance of this IUP and its inclusion in an executed ACES contract modification, HPES will invoice NASA for ██████ for the ETRs of compute seats, and ██████ for the ETR of one mobility device, for a total of ██████.

A.2- Additional Expedited DAR Encryption – GSFC: The purpose of this IUP is provide non-standard ACES services for NASA Goddard Space Flight Center (GSFC) to support the expedited Data-At-Rest (DAR) encryption effort for a defined quantity of 332 GSFC ACES-managed laptops over the period of performance December 7, 2012 through December 21, 2012. HPES provided a second wave of expedited DAR encryptions over and above the

quantity specified as in scope for the prior ████████████ Standard ACES support was modified for the 2nd set of laptops in accordance with the NASA GSFC's Statement of Work (SOW).

Note: Based on discussions with NASA on December 10, 2012, and further discussion on December 18, 2012 and January 11, 2013, HPES is delivering this proposal to cover the expedited DAR encryption for a total of 332 additional GSFC ACES laptops. Version 1.1 of this proposal defines the Second Expedited DAR Encryption effort as those occurring only during the period of performance Dec. 7, 2012 – Dec. 21, 2012.

B. SERVICES –
This IUP is to provide follow-on support services to the completed Expedited DAR Encryption IUP, Number ████████████ which was accepted by NASA in Contract Modification #105 on November 28, 2012. HPES provided qualified support resources to deliver the requested DAR deployment services for the period of performance in accordance with the terms and prices described herein. HPES completed planning, scheduling, and executing this IUP SOW for the specified 332 seats on Dec. 21, 2012

Background: As of December 7, 2012, ACES had successfully deployed DAR encryption at GSFC to more than the 628 laptops required to be addressed under ████████████. However, GSFC chose to exercise the ████████████ provision for HPES to continue providing DAR support at the same price for additional laptops identified and completed through December 21, 2012 under a second proposal. ████████████ HPES could validate successful completion of at least 332 additional laptop DAR deployments beyond those executed in ████████████ These 332 DARs accomplished during that time were executed under this ████ ████████ Version 1.1. The following approach was used for both Expedited DAR efforts.

Approach used in ████████████████ HPES provided the necessary labor for the in-scope ACES managed laptops to be backed up to the GSFC ACES Mobile Information Protection (MIP) server and will maintain their connectivity to the ACES CAE infrastructure (where the NASA Network is available to support DAR). HPES' labor will use the ACES Enterprise DAR Deployment approach by modifying the entitlement schedule to complete the DAR Deployment for GSFC ACES managed laptops listed in the Enterprise DAR Report as of December 07, 2012. HPES' labor also incorporates the Manual DAR installation process as necessary for laptops incurring problems and/or requiring additional support to be DAR-ed.

HPES' approach to carrying out the specific requirements in NASA's SOW is provided in the following table.

HPES Response to NASA's Specific Requirements

#	NASA Requirement	HPES Response
1	Upon completion of the services, GSFC will be considered 100% ACES laptop compliant with the OMB policy directive M-06-16 dated June 3, 2006, and the Agency CIO policy memorandum, dated July 3, 2007. Also, GSFC will be in compliance with the high- impact PII encryption requirements as per the Agency CIO policy memorandum, dated August 18, 2011,	HPES will encrypt 100% of the laptops within the scope of this IUP utilizing the current ACES PGP encryption solution. HPES will utilize the ACES Enterprise DAR reporting tool to report each laptop's encryption completion status. The government will be able to utilize this tool to execute any final GSFC compliancy determinations.
2	As well as the NASA Administrator and the Chief Information Officer's directives dated November 13 requiring that all laptops are encrypted by December 21, 2012.	For all 332 in-scope ACES-managed laptops defined for IUP-ACES-0101, Version 1.1, HPES will utilize the current ACES PGP encryption solution and all customer actions outlined in this IUP to use best effort to meet the December 21, 2012 deadline.
3	This project should cover Greenbelt (GSFC) and Wallops (WFF).	HPES will support executing these encryption services for NASA Goddard Space Flight Center (GSFC or Greenbelt) and Wallops (WFF).
4	GSFC is requesting HPES to provide on- center technicians as necessary to complement the current enterprise solutions, as well as, to execute any DAR required actions on the laptop that does not require the users' password. These technicians should possess the necessary ACES Admin Accounts to be able to load necessary software clients and solve other problems to successfully complete the DAR process.	HPES will utilize the enterprise DAR solution to the greatest extent possible, and will supplement the enterprise effort with on-center technicians who will have the necessary ACES account permissions to execute this IUP. HPES will rely on NASA to provide any expedited site access for HPES' personnel if additional personnel are determined to be necessary.
5	The total ACES User laptop amount to be DAR-ed by this effort will be as reported in the ACES Enterprise DAR report and HPES Asset Center Database as of the data of the start of this IUP.	HPES will review the Enterprise ACES DAR Report and the HPES Asset Database. Only ACES- managed laptops found within those reporting sources at the signing of this IUP will be deemed within scope of this IUP.
6	HPES shall provide solutions on how to address ACES Mac laptops that have issues with installing the Symantec-PGP solution since HPES does not recommend customers to use FileVault and is not responsible for activating FileVault as an alternative option.	HPES agrees that ACES Macs are within the scope of this IUP and will encrypt these MACs if they are not already encrypted. HPES will utilize the approved ACES DAR solution for Macs.

7	ACES User laptops are within scope of this effort which will include ACES ODIN laptops and new ACES laptops regardless of Wintel or Apple platforms.	The ACES-managed laptops (ACES ODIN or new ACES) found within the reporting listed in HPES Enterprise ACES DAR Report and the HPES Asset Database at the signing of this IUP will be deemed within scope for both Wintel and Apple platforms.
9	NASA GSFC will support this effort by supporting communications to user that HPES will supply for distribution by GSFC.	HPES will provide user communication messages as necessary to GSFC for GSFC's distribution to the ACES end-users in support of completing this IUP project.
10	NASA GSFC will provide assistance identifying End-users and user locations that are found to need DAR.	HPES agrees that this is a very important government action and notes that it is a major dependency to the project's success. There is no HPES action required for this; NASA action is required.
11	NASA GSFC will require ACES End-users to participate by making laptops available on center for this activity.	HPES agrees that this is a very important government action and notes that it is a major dependency to the project's success. There is no HPES action required for this; NASA action is required.
12	NASA GSFC ACES End-users will be available to enter user passwords and other user only actions when necessary during this activity.	HPES agrees that this is a very important government action and notes that it is a major dependency to the project's success. There is no HPES action required for this; NASA action is required.

C. PRICING –
Pricing for the labor for expedited DAR support is provided using the ACES Contract Attachment I-10: Schedule of Fully Burdened Labor Rates, for the applicable contract year (CY2) using the Labor Category – ▮▮▮▮▮▮

D. BILLING SCHEDULE –
The following table provides the labor hours, labor categories, and price for the HPES proposed services described herein. HPES is providing a firm fixed price for the execution of this proposed effort payable at the project end date of December 21, 2012. HPES has calculated that it will take ▮▮▮▮▮▮▮▮▮▮▮▮▮ to complete this project covering DAR support for in-scope laptops up to a quantity of 332 devices within the period of December 7 – December 21, 2012.

Second Expedited DAR BOE for GSFC (Version 1.1)

HPES Response	Level of Effort in Hours	No. of In-Scope Laptops	Labor Category	Hourly Rate	Total Price
FFP to supply labor to execute DAR on laptops that are determined to be within the scope of this IUP.	■	■	■	■	■

As noted in the assumptions above, no travel expenses have been included in this proposed price. Should travel to a remote location become necessary, HPES will submit a supplemental request in additional to this IUP to cover any related travel expenses.

The total HPES proposed fixed price proposed herein of ■ covers the HPES labor support to provide the specified DAR services within the proposed December 7 – December 21, 2012 period covering up to 332 in-scope laptop devices.
HPES will invoice NASA for the full ■ amount at the conclusion of the period of performance, following acceptance of this ■ Version 1.1 in an ACES contract modification.

C. ASSUMPTIONS –
The proposed HPES technical approach and pricing is based on the following assumptions:

- To enable HPES to achieve the BOT-scheduled refreshes during the months of November and December 2012, HPES will build a refresh schedule with the ACES SME based on HPES' availability. Once that schedule is established and communicated to the user, GSFC will require the user to support that schedule.
- No travel will be required as all laptops will be available on Center.
- NASA GSFC will direct end-users to make their laptops available on center and network-connected during their scheduled time to support this DAR action and end-users will comply. If a user fails to comply, HPES will still be compensated for making its labor resources available to support the DAR actions on that user's laptop. If a user fails to comply and/or does not meet the requirements related to the schedule appointment, there will be no adjustment to the HPES IUP fixed price amount.
- 4. HPES will work with GSFC and end-users to schedule their DAR encryption within the desired timeline. Laptops will be deemed out-of-scope for this IUP if the end-user cannot comply with scheduled appointments and/or with other user action assumptions in this IUP. If a user fails to comply and/or does not meet the requirements related to the schedule appointment or other requested end-user actions, there will be no adjustment to the HPES IUP fixed price amount.
- 5. HPES will only be required to execute this work during regular ACES business hours of 6AM to 6PM, Monday thru Friday.

- 6. HPES, at its sole discretion, may choose to execute laptop refresh, break-fix and/or upgrade OS/IOS of a laptop to achieve DAR encryption for an end-user. However, customer requests for early refreshes will be executed per the standard ACES Early Refresh process with the applicable additional fee schedule.
- 7. This IUP applies only to the in-scope ACES-managed laptops (ACES-managed ODIN laptops and new ACES-managed laptops). Non-ACES laptops will require a separate IUP. (Non-ACES laptops include Government Furnished Equipment (GFE) laptops regardless of acquisition method and ACES purchased laptops HW not managed by ACES.)
- 8. Any ACES-managed laptops placed on the DAR Wavier list by NASA as of the date of this IUP and/or afterwards will not be within the scope of this IUP. HPES will not DAR any ACES-managed laptop formally approved through the NASA waiver process and coordinated through the EUSO.
- 9. ACES charges will continue to be charged for the in-scope laptops during the expedited DAR effort.

A.3- Early Mobility Refresh-MSFC (C Singer): The purpose of this IUP is to assist a NASA user in obtaining an Early Tech Refresh (ETR) for a mobility device that is being exchanged for a new device before its schedule refresh date (18 months mobility).

B. SERVICES –
Explanation of Mobility Early Tech Refresh -
Users agree to an 18-month usage period when services are ordered and one new device is provided. At the end of the term, the user is eligible to receive a similar new device for use over the following 18-month period. If the user's device has not met its refresh eligibility date requirement when it is replaced, this results in an extra charge.
The charge is based on the number of months the original device was used and the MSRP of the new device. NASA is credited with a pro-rated portion of the use of the prior device according to the following formula:

The formula is the same as that which is used for replacing MSLD devices.

Information on the device being refreshed is provided in this section. HPES will perform the refresh within 30 days of acceptance of this IUP.

User	Line #	ETR Date	From Device	To Device	Months Used	New Device MSRP
Christopher Singer	256 520 2912	03/2013	Blackberry BB9930*	iPhone 5 16GB	■	■■■

*NOTE- HPES records show that the user obtained a BB9930 device, not the BB8830 shown in NASA's request in Appendix 1; also through communication with NASA, HPES established that the user is requesting a 16GB iPhone 5, not a 32GB iPhone as originally requested.

C. PRICING –
HPES calculates the charges for mobility ETRs according to the following formula, which is used to replace MSLD devices:

███

D. BILLING SCHEDULE –

Price Calculation for Early Upgrade to New Mobility Devices

Item	Description	Months Used	MSRP of Replacement Device	MSLD Formula	Total Charge
Christopher Singer 256 520 2912	Original Device: Verizon Blackberry Bold 9930 New Device: Verizon Apple iPhone 5 16GB	██	█████	██████	████
Total					████

The total charge for the Early Mobility Refresh is █████

Upon NASA's acceptance of this IUP and its inclusion in an executed ACES contract modification, HPES will invoice NASA for ██████ for the ETR of the specified mobility device.

A.4- Early Mobility Refresh-MSFC (Wright): The purpose of this IUP is to assist a NASA user in obtaining an Early Tech Refresh (ETR) for a mobility device that is being exchanged for a new device before its schedule refresh date (18 months mobility).

B. SERVICES –
Explanation of Mobility Early Tech Refresh
Users agree to an 18-month usage period when services are ordered and one new device is provided. At the end of the term, the user is eligible to receive a similar new device for use over the following 18-month period. If the user's device has not met its refresh eligibility date requirement when it is replaced, this results in an extra charge.
The charge is based on the number of months the original device was used and the MSRP of the new device. NASA is credited with a pro-rated portion of the use of the prior device according to the following formula:

███

The formula is the same as that which is used for replacing MSLD devices.

Information on the device being refreshed is provided in this section. HPES will perform the refresh within 20 days of the acceptance of this IUP.

User	Line #	ETR Date	From Device	To Device	Months Used	New Device MSRP
Lula Wright	202 256 6638	03/2013	iPhone 4s	iPhone 5 16GB	12	██████

C. PRICING –

HPES calculates the charges for mobility ETRs according to the following formula, which is used to replace MSLD devices:

███████████████████████████████████████

D. BILLING SCHEDULE –

Price Calculation for Early Upgrade to New Mobility Devices

Item	Description	Months Used	MSRP of Replacement Device	MSLD Formula	Total Charge
Lula Wright 202-256-6638	Original Device: AT&T Apple iPhone 4s 16GB	12	██████	██████	██████
	New Device: Verizon Apple iPhone 5 16GB				
Total					██████

The total Mobility refresh charge is ██████

Upon NASA's acceptance of this IUP and its inclusion in an executed ACES contract modification, HPES will invoice NASA for ██████ for the ETR of the specified mobility device.

A.5- Early Mobility Refresh – GRC (Shalkhauser) The purpose of this IUP is to assist a NASA user in obtaining an Early Tech Refresh (ETR) for a mobility device that is exchanged for a new device before its schedule refresh date (18 months mobility).

B. SERVICES-

Explanation of Mobility Early Tech Refresh

Users agree to an 18-month usage period when services are ordered and one new device is provided. At the end of the term, the user is eligible to receive a similar new device for use over the following 18-month period. If the user's device has not met its refresh eligibility date requirement when it is replaced, this results in an extra charge.

The charge is based on the number of months the original device was used and the MSRP of the new device. NASA is credited with a pro-rated portion of the use of the prior device according to the following formula:

██████████████████████████████████
███████████

The formula is the same as that which is used for replacing MSLD devices.

HPES will perform the refresh within 30 days of the acceptance of this IUP.

The information in the following table is used to establish the identity of the in-scope mobility device and for calculation of the charge to NASA.

User	Line #	Issue Date	ETR Date	Months Used	From Device	To Device	New Device MSRP
Shalkhauser	216-509-2883	03/2012	04/2013	13	VzW Blackberry	iPhone 5 32GB	████

C. PRICING –

HPES calculates the charges for mobility ETRs according to the following formula, which is used to replace MSLD devices:

████████████████████████████████
█████████

D. BILLING SCHEDULE –

Price Calculation for Early Upgrade to New Mobility Devices

Item No.	Description	Months Used	MSRP of Replacement Device	MSLD Formula	Total Charge
216-509-2883	Original Device: BB	13	████	████	████
	New Device: iPhone 5 32GB				
Total					████

The total Mobility Refresh charge is ████.

Upon NASA's acceptance of this IUP and its inclusion in an executed ACES contract modification, HPES will perform the refresh and invoice NASA for ████ for the ETR of the specified mobility device.

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

4. 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 No.
██████████	Microsoft Enterprise License Bridge	06/17/2011	██████	004
██████████	Enhanced System Admin Services – HQ/ITCD	12/15/2011	██████	018/ 095
██████████	Enhanced System Admin Services – HQ/ADMIN	12/15/2011	██████	018/ 096
██████████ 005738	File Services Seat Support - GRC	12/29/2011	████	021/035
██████████ 005528	Dedicated System Admin Services-GRC/R	12/29/2011	██████	021
██████████ 005230	Dedicated System Admin Services-GRC/D	12/29/2011	██████	021
██████████ 005231	Dedicated System Admin Services – GRC/BLDG 3	12/29/2011	██████	021
██████████ 005232	Dedicated System Admin Services-GRC/FT	12/29/2011	██████	021
██████████ 005233	Dedicated System Admin Services - GRC/H	12/29/2011	██████	021
██████████ 005235	Dedicated System Admin Services – GRC/BLDG 142	12/29/2011	██████	021
██████████ 005962	Enhanced System Admin Services – HQ/SMD	01/10/2012	██████	025/ 096
██████████ 007721	Purchase of ODIN Assets – JSC	01/25/2012	██████	028
██████████ 009134	Enhanced System Admin Services – HQ/CSSC	01/25/2012	██████	028/ 129
██████████ 009132	MIP Solution – NSSC	01/25/2012	██████	028
██████████ 010935	Dedicated System Admin Services – SSC/GPO	02/03/2012	██████	030

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

Proposal No. / ESD Request ID	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod No.
012037	Dedicated Support Services - MSFC/XP	02/13/2012	███	032/ 122
01239	Dedicated System Administration Services - MSFC/NEACC	02/13/2012	███	032
013470	Enhanced System Administrator Services - HQ/COOP	02/13/2012	███	032/ 091
14202	DSA Support – LaRC/COD	02/27/2012	███	035/088/ 128
15448	DSA Support –LaRC/A1	02/24/2012	███	035/088
14203	DSA Support – LaRC/D5	02/24/2012	███	035/ 088
14204	DSA Support – LaRC/D322	02/24/2012	███	035/ 088
14208	DSA Support – LaRC/AH	02/24/2012	███	035/ 088
15195	DSA Support – LARC/C1	02/24/2012	███	035/ 088
14227	DSA Support – LaRC/D214	02/24/2012	███	035/ 088
16984	DSA Support – LaRC/E5-E6	02/24/2012	███	035/088/113
14228	DSA Support – LaRC/E4	02/24/2012	███	035
14223	DSA Support – LaRC/B2	02/24/2012	███	035
14224	DSA Support – LaRC/C2	02/24/2012	███	035
14210	DSA Support – LaRC/D304	02/24/2012	███	035/129
12528	DSA Services – MSFC/Bldg 4200	02/24/2012	███	035/142
15009	Dedicated Move Support Services at MSFC/AS21	02/24/2012	███	035/066/084/ 089/096/108
5944	DSA Services– SSC/KACE	02/24/2012	███	035

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Proposal No. / ESD Request ID	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod No.
██████ 14278	Move Support - HQ	02/24/2012	████	035/66/119
██████ 14370	DSA Support – LaRC/E3	02/24/2012	████	035
██████ 18338	Dedicated System Administration Services – ARC/A	03/12/2012	████	038
██████ 18336	Dedicated System Administration Services – ARC/JA	03/12/2012	████	038
██████ 18337	Dedicated System Administration Services – ARC/HR	03/12/2012	████	038
██████ 18837	Enhanced System Administration Services – HQ/Lenel	03/12/2012	████	038
██████ 17802	Google Pilot Support- HQ	03/01/2012	████	038
██████ 24140	Move Support – KSC/GSD&O, LX	03/16/2012	████	042
██████ 25797	ELVIS II Computer Seat Installation	03/21/2012	████	042/049/058/ 078
██████ 29944	JSC Software and Support Purchases	03/30/2012	████	045
██████ 28333	Enhanced System Administration Services – HQ/SW Librarian	03/30/2012	████	045/ 095

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██████████ 24602	Move Support II – KSC/GSD&O, LX	03/23/2012	██████	045
██████████ 35115	Dedicated Support Services – GRC/KACE	04/13/2012	██████	049
██████████ 36916	Enhanced System Administration Support – GSFC/JPSS	04/19/2012	██████	051
██████████ 23212	DFRC Purchase of ODIN Assets	04/24/2012	██████	051
██████████ 29162	Dedicated Support Services – NSSC/KACE	05/01/2012	██████	053
██████████ 42881	Move Support – GRC/GESS IT	05/11/2012	██████	057
██████████ /46546	Dedicated System Support - DFRC/MI	05/21/2012	██████	058
██████████ 48923	ProofPoint Privacy Module Pilot – Phase I	05/30/2012	██████	061
██████████ /50377	Domain Controllers - JSC/MCC	6/01/2012	██████	062
██████████	DAR Expedited Deployment – NSSC	7/24/2012	██████	071
██████████	NSSC Early Tech Refresh	8/6/2012	██████	074
██████████	JSC Software and Support Purchase	8/6/2012	██████	074
██████████	GRC Equipment Usage- "Lights On"	8/24/2012	██████	078

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██████████	KSC WINS Server Support	09/27/2012	██████	087
██████████	SSC Early Tech Refresh	10/03/2012	██████	090
██████████	Elevated Privileges (EP) Provisioning Support – SSC	10/12/2012	██████	093
██████████	LaRC Early Tech Refresh	10/12/2012	██████	093
██████████	MSFC/Bldg. 4200-SEB	10/30/2012	████████	095
██████████	Landsat Data Continuity Mission (LDCM) Support – GSFC	11/20/2012	██████	102
██████████	Expedited DAR Encryption – GSFC	11/28/2012	██████	105
██████████	Enhanced Support for DAR Installation and Activation – HQ	12/3/2012	██████	108
██████████	MSFC Software Maintenance Purchase	12/20/2012	██████	116/ 142
██████████	GSFC Early Tech Refresh - Additional	12/20/2012	██████	116
██████████	JSC Move Support (Bldg 4S)	01/09/2013	██████	120
██████████	GSFC Early Tech Refresh	01/10/2013	██████	121
██████████	KSC New Seat Installs-TOSC	01/17/2013	██████	122/ 125/ 132

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███████████	**Early Tech Refresh IUP – GSFC (Singer)**	**01/30/2013**	████	**125**
███████████	**Dedicated Support – Air Force Contact Records-KSC**	**01/30/2013**	██████	**125**
███████████	**Early Tech Refresh-LaRC (Jan. 2013)**	**01/30/2013**	██████	**125**
███████████	**Early Mobility Upgrade-WFF (Stuchlik)**	**01/30/2013**	██████	**125**
███████████	**Vidyo Plugin Support for NASA DMV Pilot**	**02/01/2013**	██████	**126**
███████████	**Increased NOMAD Mailbox Size**	**02/06/2013**	█████████	**130**
███████████	**Early Mobility Refresh-SSC Feb 2013- 5 Users(Black, Golden, Kelly, Malcom, Cook)**	**02/20/2013**	██████	**135**
███████████	**Early Mobility Refresh-KSC (Zari)**	**02/20/2013**	████	**135**
███████████	**ICAM NCAD Engineering Support**	**02/20/2013**	███████	**135**
███████████	**Enhanced System Administration Services – HQ/I St.**	**02/26/2013**	███████	**136**
███████████	**Early Mobility Refresh-KSC (Henry, Postell, Bundy)**	**03/04/2013**	█████	**138**
███████████	**Early Tech Refresh-MSFC (Feb 2013-5 Users)**	**03/04/2013**	██████	**138**
███████████	**Early Mobility Upgrade-GRC Version 1.1**	**03/04/2013**	██████	**138**
███████████	**Infrastructure Move Support – MSFC**	**3/04/2013**	█████	**139**

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■■■■■■	Early Tech Refresh-NSSC	03/11/2013	■■■■■	140
■■■■■■	JSC Early Tech Refresh	03/11/2013	■■■■	140
■■■■■■	Dedicated System Admin – Walk-Up Support – ARC/Code I – Proposal	3/14/2013	■■■■■	142
■■■■■■	Dedicated System Administration – ARC/Bldg. 200	3/18/2013	■■■■■	143
■■■■■■	Dedicated System Administration – ARC/Code I	3/18/2013	■■■■■	143
■■■■■■	Additional Printer – Model C6000/DFRC	03/25/2013	■■■■■	145
■■■■■■	Early Tech and Mobility Refresh-SSC	3/28/2013	■■■■■	147
■■■■■■	Second Expedited DAR Encryption – GSFC	3/28/2013	■■■■■	147
■■■■■■	Early Mobility Refresh-MSFC (C Singer)	3/28/2013	■■■	147
■■■■■■	Early Mobility Refresh-MSFC (Wright)	3/28/2013	■■■	147
■■■■■■	Early Mobility Refresh-GRC (Shalkhauser)	3/28/2013	■■■	147