AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 of 12

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
000167	See Block 16C		

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

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*		9A. AMENDMENT OF SOLICITATION NO.
HP ENTERPRISE SERVICES, LLC 13600 EDS DR HERNDON VA 20171-3225	(X)	9B. DATED *(SEE ITEM 11)*
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NNX11AA01C
CODE 1U305 FACILITY CODE		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) Change
	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.)*

Modify:

[redacted] JSC Move Support (Bldg. 4S) to Version [redacted]

Add:

[redacted] Support for MOD Z420 Compute Seats-JSC

[redacted] Early Tech Refresh-NSSC

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)*
Adam D. Keefer Contracts Manager	Lewis R. Hansen
15B. CONTRACTOR/OFFEROR	**15C. DATE SIGNED**
Adam D. Keefer *(Signature of person authorized to sign)*	6/11/2013
16B. UNITED STATES OF AMERICA	**16C. DATE SIGNED**
Lewis R. Hansen *(Signature of Contracting Officer)*	6/11/2013

The purpose of this modification is to incorporate the following:

1**. Modify** [redacted] **JSC Move Support (Bldg. 4S):** The purpose of this Infrastructure Upgrade Proposal (IUP) is to provide dedicated move support NASA JSC for relocating 440 ACES computers within JSC Building 4S for ISS personnel.

Version [redacted] was accepted in Contract Modification #120 on January 10, 2013.

Under [redacted]**:** HPES informed the NASA customer that the actual number of seats moved under this IUP was 42 seats more than was proposed in the initial IUP. Version [redacted] proposal reflects the increase from the estimated quantity of seats moved of 440 to the actual number of seats moved of 482.

Note to Version [redacted] NASA requested that HPES extend the move support from the original date of February 4 to February 8, 2013. In Version [redacted] HPES modified the labor hours for the [redacted] by adding 32 additional hours. This change is reflected in this Mod as no Modification was done to reflect changes for Version [redacted]

B. SERVICES –

HPES is to relocate ACES computers for ISS personnel within Building 4S. JSC is requesting HPES to move existing ACES computers from one location in Building 4S to a different location within the same building.

HPES will provide a [redacted] and a team of [redacted] to accomplish the moves. HPES will use the following move methodology to execute the move:

- HPES will provide a [redacted] beginning Jan. 9, 2013 to coordinate the move activities upon approval of this IUP in a fully executed contract modifications.
- Moves will begin on a limited basis on Jan. 12, 2013.
- HPES will pack up computers and peripherals in accordance with JSC's published schedule and in accordance with the NASA POC's instructions. (i.e., relevant business unit, packaged in move coordinator's provided materials, labeled, and inventoried.)
- HPES will unpack and set up peripherals in accordance with JSC's published schedule.
- HPES will comply with all regulatory and local safety work standards.

The [redacted] will collaborate with NASA entities affected, coordinate the availability of HPES resources, interface with the NICS provider or other appropriate contractors, and maintain project adherence to schedule. The [redacted] will function as a primary point of contact for NASA JSC during the move project

C. PRICING –

There are two pricing components for the JSC Bldg. 4S moves: 1) A per compute seat move price; and 2) Services of an HPES [redacted] Moving of MFDs and printers is not covered in the total price.

HPES proposed a fixed unit price for each seat and will bill according to the actual number of seats moved. HPES' move [redacted] maintained data on seats moved and provided this data to NASA after the move.
Note: In the actual move, HPES moved a total of 482 seats, a difference of 42 seats then the priced number in IUP Version [redacted]

The methodology used to arrive at the per-seat move price has been used for multiple moves, and is calculated at an hourly estimate for each unit moved, using the ACES Contract Attachment I-10: Schedule of Fully Burdened Labor Rates for the labor category Technician for moves in CY2 as shown in the following table.

Compute Seat Move Price

Period of Performance	Number of Units	Fixed Unit Price	Total
CY2 – Jan. 9, 2013 – Feb. 8, 2013 – Estimated # of Seat Moves	[redacted]	[redacted]	[redacted]
Actual Seats Moved at IUP End Date	[redacted]	[redacted]	[redacted]
Difference	[redacted]		[redacted]

A full time [redacted] is required to coordinate the move activities for the JSC moves. This labor is not included in the per seat move price noted above. Pricing for this service is provided using the ACES Contract Attachment I-10: Schedule of Fully Burdened Labor Rates, for the applicable contract year (CY2). HPES has mapped the requirements and skill sets required by the SOW to the Schedule I-10 Labor Category – [redacted]

Note: On February 1, 2013, NASA requested that the End Date of the JSC Moves IUP be extended from February 4, 2013 to February 8, 2013. The following table, which was submitted in IUP Version [redacted] reflects the additional [redacted] labor hours needed to meet this requirement in the row reflecting the price for the extended dates Feb. 5–8, 2013.

Project Manager Labor

Period of Performanc	Labor Category	Role	Hourly Rate	Hours	Total
CY2 – Jan. 9, 2013 – Feb. 4, 2013	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
CY2 – Feb. 5, 2013 – February 8, 2013	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

D. BILLING SCHEDULE –

NASA accepted Version [redacted] of this IUP in Contract Modification #120 for the price of [redacted]

Version [redacted] includes Version [redacted] which extended the end date of the period of performance at NASA's request from February 4 to February 8, 2013, and added [redacted] to the initial price. Version [redacted] includes adjusts the actual number of seats moved from 440 to 482 seats, resulting in an increase in price for those 42 seats of [redacted]

The adjusted total price of this IUP is ([redacted] + [redacted] [redacted]
With incorporating the two changes, a new total for [redacted] is [redacted]

E. ASSUMPTIONS-

- NASA will provide its own representative as a point of contact for the move effort. This person will be available for the HPES [redacted] to work with for planning and coordination of the move.
- This IUP covers a maximum of 440 compute seat moves. Should the number of moves required exceed 440, a modification to this IUP would be required.
- Equipment associated with each seat which will be moved includes the following: MAC/PC Desktop/Laptop, Docking Stations, Monitors, and Local Printers.
- Moving of MFDs and printers is not covered under the pricing for this IUP. (Moving of local, that is, workstation-associated printers, is covered under this IUP.)
- HPES is not required to provide vehicles since all moves are in Building 4S.
- Network connectivity at the sites is NASA's responsibility and will be in place at the time of the planned moves. Network jacks at destination location will be easily accessible so that HPES will not have to move furniture or cube walls.
- The new facility will be ready for the move in on Jan. 9, 2013. NASA will provide HPES access to the existing and new office spaces as needed during and after business hours, when necessary. NASA will provide system location and destinations for the moves including a list of system locations, tag numbers, destinations, and usernames.
- Equipment will be at the location at the time of the move (e.g., users will not take their equipment home with them when a move is scheduled).
- No software will need to be reinstalled. Computers will be shut down, torn down, packed, transported, reconnected, and turned back on. HPES will verify that units can be logged in to the network.

Incorporate two (2) approved Infrastructure Upgrade Proposals (IUP) (A.1) Support for MOD Z420 Compute Seats-JSC at a Firm Fixed Price (FFP) of [redacted] and (A.2) Early Tech Refresh-NSSC 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]	Support for MOD Z420 Compute Seats-JSC)	[redacted]	Upon acceptance of this IUP	[redacted]	Completion Date Oct. 31, 2015
A.2	[redacted]	Early Tech Refresh-NSSC	[redacted]	Upon Acceptance of this IUP	[redacted]	N/A, One-time charge
TOTAL						

A.1- Support for MOD Z420 Compute Seats-JSC: HPES is submitting this proposal to describe the hardware maintenance support services HPES will provide for a quantity up to 120 compute devices (Model Z420) for the Mission Operations Directorate (MOD) at Johnson Space Center (JSC). MOD has requested 8-hour Return to Service (RTS), Gold Build, and a dedicated Organizational Unit (OU) for the specified compute devices as described.

B. SERVICES –

HPES will support exclusively for 120 Z420s purchased as SKU LJ449AV-CTO6-JSC via the APC. The specified devices are listed in Appendix B. HPES will implement a series of operational processes designed to support JSC MOD's 120 Z420 specified seats, which are government-owned computing equipment. HPES' processes leverage, to the best extent possible, the HPES field service processes currently being utilized to support the HPES ACES seat assets. The services requested by JSC MOD in this IUP include the following for 120 devices:

- Service implementation (which will include a seat assessment for each device)
- 8 Hour Return To Service
- ACES Gold Build provided on an ongoing basis (not Gold Build loading)

*Incorporation of any additional services for these seats would require another IUP.

New Services Startup-
HPES will set up a service offering for support of the MOD's 120 Z420 compute seats so that HPES resources are ready to deliver the customized compute support for this select group. The service offering startup includes, for example, the updating of the ACES deployment instructions and processes.

Assessment-
HPES will set up a separate OU for the in-scope devices (as a part of base HPES requires that all MOD Compute Seats to be supported receive an initial eligibility assessment and that seat data be processed. HPES will collect the

required meta-data for each seat, normalize the data, and import asset data into the ACES asset management systems to ensure the appropriate, requested MOD Seat coverage is performed. ACES systems will in turn feed data on the units into the CMDB. The assessment ensures that the seat can be designated as operationally healthy and supportable using current systems.

New Seats-
For the MOD's seats in this IUP, HPES understands that the Z420 units have been recently purchased via the APC and have a uniform configuration. In this case the approach to performing assessments is streamlined. HPES has provided discounted assessment pricing in the case of these 120 new devices. HPES requires that NASA give HPES the machine data for all devices as outlined in Section 2.0 Description of Services.
The normalized data will be imported into the ACES asset management systems to ensure appropriate and adequate MOD Seat coverage is performed. Should the [redacted] be unable to collect the required meta-data or adequately assess the compute seat operational health during the eligibility assessment, those seats will not be eligible for coverage.

The following conditions apply to the seat assessments:

- The scheduling of the MOD Seat Assessments will be mutually determined by the NASA ordering official and HPES on a case by case basis with consideration for the quantity and configurations of seats in the order.
- Any additional seats brought into service after inception of the initial order will require a modification to this IUP.
- All known pre-existing device conditions must be disclosed by NASA to HPES during the seat assessment phase to be eligible for seat coverage.
- Once the Seat Assessment process has been completed and the seat has been determined to be eligible for the MOD Compute Seat support under this IUP, HPES will establish the start date for the services with NASA.
- At its sole discretion, HPES reserves the right to reject any device for MOD Seat support for any reason. HPES will notify NASA of any assets not accepted for support.
- Non-MOD owned computers will not be accepted into the MOD Seat support coverage program.
- All MOD Seats must be tagged as government property and used for NASA business purposes.

The following data on NASA-owned compute devices will be obtained directly from the MOD or the device during the HPES asset eligibility assessment discovery:
— Birthdates for the equipment
— Useful life of the equipment
— Maintenance records which can be used to determine equipment maintainability
— Location and configuration of the equipment
— Asset Tag Information
— Serial Number
— Device Make
— Device Model

— Device POC (currently assigned to)
— Other data as required.
The data regarding this equipment will be standardized and normalized so that it can be uploaded and utilized by internal HPES and NASA systems.

Ongoing Support – 8-hr RTS-
HPES has established the following business rules for ongoing support for MOD Compute Seats:

- HPES will provide the requested 8 business hour RTS for the specified devices.
- All MOD Seats under this IUP are required to order the same services profile.
- MOD Compute Seat support is limited to the 120 Z420s for which meta-data is collected under this IUP and which are located only on the JSC campus. Addition of more devices to this quantity will require another IUP.
- NASA is responsible for all Tier 3 software applications and licenses installed on MOD Seats.
- MOD Seats will be subject to the current ACES 8 hour RTS SLA structure/metrics and any MOD Seat tickets or service data will be included in the ACES SLA tracking or reporting.
- HPES is not assuming any responsibility for MOD Seats that are missing, lost, stolen, or damaged (MLSD) beyond repair and the MOD Seats involved with any lost, stolen or destroyed incidents will not be included or tracked as part of the HPES support for MLSD ACES seat assets.
- MOD Compute Seats are not eligible to participate in the ACES System Security Plan. MOD will be required to produce/participate in a non-ACES SSP.

Break/Fix Support Approach-

- HPES will handle all aspects of the hardware repair, including packing, shipping, parts and labor.
- HPES understands that MOD requires specific functionality for these specialized MOD Seats. In order to ensure 8 Hour RTS it is NASA's responsibility to provide a suitable number of spare Z420 systems as break / fix replacements for its users. The 8-hr RTS will apply to the extent where MOD's break / fix pool will allow.
- For existing warranties on MOD Seats, NASA will make HPES the custodial agent. Since HPES doesn't own the gear, HPES will have to be appointed agent. For MOD Seats that have existing manufacturer's warranty coverage and HPES has been appointed as the custodial agent, HPES will, utilizing certified repair technicians, handle all aspects of the repair, including packing, shipping, reinstallation, and any additional parts and labor.
- HPES will not support any MOD Compute Seats more than 3.5 years old. In those cases, HPES recommends immediate replacement of the MOD Seat device with an ACES seat.
    - System "born-on" date will be used to determine age and repair protection services eligibility.
    - Should NASA elect to repair any MOD Seats on which the HPES MOD Seat coverage has been declined or terminated, NASA will be responsible for all repair charges.

- Disposal of MOD compute assets is the responsibility of NASA. HPES assumes no responsibility for asset disposal or any preparation required to donate the asset.

Ongoing Support – ACES Gold Build-
MOD has provided feedback to HPES that all testing was completed and MOD has concluded that the current Gold Build in conjunction with the NVS 510 graphics cards has been tested and determined to run successfully on the NASA Z420s requested in this IUP. HPES and MOD also understand that it is MOD's sole responsibility to "Ghost" their devices.

MOD is not ordering Gold Build Loading from HPES. MOD will be responsible for installing the Gold Build on all 120 seats. HPES will provide JSC MOD with Gold Build Version W76121GC Win 7. HPES will make no attempt to load the ACES Gold Build image on the MOD Compute Seat. Per NASA's SOW, HPES will not be providing MOD with system administration support. HPES will not provide patching. Per the request of NASA, HPES has agreed to provide the standard Gold Build upon request as the updates become available per the HPES update cycle which is estimated to be twice yearly, normally in June and December based on April and September releases of the 2804. These updates will be downloaded to a thumb drive upon NASA's request to the ACES CPM so that this update can be incorporated when NASA does a re-image to the subject Z420 compute seats. MOD will be responsible for installing the Gold Build and maintaining it as updates are provided.

The following Gold Build Support conditions apply:

- Gold Build Loading will require MOD to re-image the entire seat. All data, operation system(s), and software will be non-recoverable due to this process.
- In the event of system failure, NASA should back up their entire system(s) prior to the MOD Gold Build system re-imaging process.
- In the event the ACES Gold Build does not function properly, HPES will not be responsible for restoring the original base seat system functionality.
- HPES is not responsible for any hardware, software, or data failures due to the critical nature of this process.
- HPES is not responsible for Tier 3 software that does not function properly on any MOD Seat with an ACES Gold Build subscription.
- HPES will document the standard hardware configurations used for Gold Build verification, including BIOS settings. Deviations from the standard hardware configuration are not supported by HPES.
- Changes in deployment technology may require a change in the method of delivery of the Gold Build Image.

The support implementation will be initiated within 30 days of acceptance of this IUP in a fully executed contract modification which incorporates this IUP into the ACES contract.

C. PRICING –

The following MOD support services are priced in this IUP: Support Implementation (one-time charge for service offering startup and seat assessment), and Monthly Support (ongoing support charge for 8-hour HW RTS and monthly Gold Build).

The following ACES service charges are not included in HPES' pricing approach for the NASA-owned MOD Seats: any MOD Gold Build creation, loading and/or updates; seat wiping & deployment; disposal; back-end services; original system recovery services; system administration; SW application support; data backup or data migration. Per the requirements, there is no refresh of the equipment. Any additional seats beyond the volume of 120, and any extension of the period of performance of this IUP will require a separate IUP.

Services Provided for the Period of Performance (June 2013 – Oct. 31, 2015)

Requirement	Description of Included Services	Labor Category	Pricing schedule	Total Prices
Support Implementation	Service startup, includes updating ACES deployment instructions and processes	[redacted]	[redacted]	[redacted]
	Eligibility assessment and system meta-data collection, loading, and verification.	[redacted]	[redacted]	[redacted]
8-Hour Return-To-Service (RTS)	8-Hour RTS (HW) and Service Desk ticket management support.	[redacted]	[redacted]	[redacted]
Gold Build	Microsoft Standard Load (does not include loading)	[redacted]	[redacted]	[redacted]
Totals				[redacted]

Pricing Detail-

Following are the above components of the pricing for the specified Z420s at JSC, which includes a one-time charge for implementation and a monthly charge for ongoing support.

Support Implementation – One-Time Charge -

Services Startup HPES must first set up the Z420 compute support as a service to begin providing this offering. The one-time price for the startup program implementation, which includes updating the ACES deployment instructions and processes, is [redacted]

Machine Assessments-
Additional to the program startup charge noted above, HPES must enroll each individual seat in the service. This requires that a HPES asset eligibility assessment be conducted for each asset. The assessment involves the collection and normalization of asset data so that data on the device can be loaded into ACES asset management systems to enable future support.

Assessment services will be provided by resources at the Jr. IT Analyst level. The regular charge for assessment of a Government-owned device is a per machine unit price of [redacted]
However, due the uniformity of the Z420 lot delivered to JSC, HPES will provide a discounted assessment charge for this IUP of 50 percent of the regular charge for assessment services. The 120 assessments will be charged to NASA at a total one-time price of [redacted]
If additional seats are added to the 120 unit total, an additional IUP is required.

BOE – Support Implementation (One-time Charge)

Service	Units	Price per Seat	Price
New Service Startup for MOD	---	---	[redacted]
Seat Assessment	[redacted]	[redacted]	[redacted]
Assessment Discount 50%			[redacted]
Total			[redacted]

Ongoing Support – Monthly Charge for the Period of Performance
NASA has requested that HPES provide the following ongoing support for 120 Z420 machines for the Period of performance (June 1, 2013 – Oct. 31, 2015).

- 8 Business Hour Return-to-Service (for HW) – Pricing is based on the calculation for B Seat RTS as in CLIN D-17 which uses a percentage basis to determine the maintenance price to NASA (8 hr. RTS = 0.1% X Compute seat MSRP).
- Standard Load – Pricing is based on the B Seat CLIN D-24 monthly charge for Contract Year (CY) 2.

BOE – Ongoing Support (Monthly Charge for the Period of Performance)

Service	Units	Monthly Price per Seat	Monthly Price	No. of Months	Total Price
8 Hour (RTS) Calculation = .1% of MSRP per CLIN D-17	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Standard Load per CLIN D-24	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Total			[redacted]		[redacted]

For the initial service implementation, HPES will charge NASA a one-time price of [redacted] for new service start up and assessments of the 120 devices.

Ongoing support services, as shown in the table above, are priced based on the appropriate B Seat CLINs, for a period of performance of 29 months (June 2013 – October 2015). For ongoing support, HPES will charge NASA a price of [redacted] per month for the period of performance. The total price of this IUP is [redacted]

D. BILLING SCHEDULE –

NASA will be invoiced for the entire implementation upon completion of implementation for a one-time charge of [redacted]

Ongoing support charges will begin following the first month of support, whether or not Month 1 is a full or partial month of support.

A.2- Early Tech Refresh-NSSC: The purpose of this IUP is to assist NASA users in obtaining Early Tech Refreshes (ETRs) for compute devices that are exchanged before their scheduled refresh dates.

B. SERVICES –

To assist NASA users in obtaining Early Tech Refreshes (ETRs) for compute devices those are exchanged before their scheduled refresh dates (36 months compute

C. PRICING –

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.

The information in the following table is used to establish the identity of the in-scope compute devices for determination of the ATVs. HPES uses asset management data to derive the ATVs.

User	Center	Type of Seat	Asset Tag	Issue Date	ETR Date	ATV at Refresh
Brandi Head	NSSC	Desktop	200628496	6/1/2011	6/30/2013	[redacted]
Jason Malasovich	NSSC	Desktop	200622557	7/1/2010	6/30/2013	[redacted]
Yvette Williams	NSSC	Desktop	200625767	12/1/2010	6/30/2013	[redacted]
Karen Ekey	NSSC	Desktop	200626584	2/1/20111	6/30/2013	[redacted]
Tiffany Rydeen (Menzer)	NSSC	Desktop	200627044	2/1/2011	6/30/2013	[redacted]

Jason Gage	NSSC	Desktop	40005355	5/2/2012	6/30/2013	[redacted]
Sabrina Perkins	NSSC	Desktop	200625938	11/1/2010	6/30/2013	[redacted]
Dedra Hartley	NSSC	Desktop	30012252	4/20/2012	6/30/2013	[redacted]
Debra Dale	NSSC	Desktop	30014492	7/11/2012	6/30/2013	[redacted]
Tracy Brumfield	NSSC	Desktop	30015628	10/30/2012	6/30/2013	[redacted]
Leslie Norman	NSSC	Desktop	30012266	4/23/2012	6/30/2013	[redacted]
Total						[redacted]

D. BILLING SCHEDULE –

HPES has calculated the sum of ATVs for the compute devices receiving early tech refreshes within the scope.

The total of all ATVs in Section 3.1 is [redacted]
Upon completion of the early tech refreshes, HPES will invoice NASA for [redacted] for the ETRs of the specified compute seats.

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.
[redacted]	Microsoft Enterprise License Bridge	06/17/2011	[redacted]	004
[redacted]	Enhanced System Admin Services – HQ/ITCD	12/15/2011	[redacted]	018/ 095
[redacted]	Enhanced System Admin Services – HQ/ADMIN	12/15/2011	[redacted]	018/ 096
[redacted] 005738	File Services Seat Support - GRC	12/29/2011	[redacted]	021/035
[redacted] 005528	Dedicated System Admin Services- GRC/R	12/29/2011	[redacted]	021
[redacted] 005230	Dedicated System Admin Services- GRC/D	12/29/2011	[redacted]	021
[redacted] 005231	Dedicated System Admin Services – GRC/BLDG 3	12/29/2011	[redacted]	021
[redacted] 005232	Dedicated System Admin Services- GRC/FT	12/29/2011	[redacted]	021
[redacted] 005233	Dedicated System Admin Services - GRC/H	12/29/2011	[redacted]	021
[redacted] 005235	Dedicated System Admin Services – GRC/BLDG 142	12/29/2011	[redacted]	021
[redacted] 005962	Enhanced System Admin Services – HQ/SMD	01/10/2012	[redacted]	025/ 096
[redacted] 007721	Purchase of ODIN Assets – JSC	01/25/2012	[redacted]	028
[redacted] 009134	Enhanced System Admin Services – HQ/CSSC	01/25/2012	[redacted]	028/ 129
[redacted] 009132	MIP Solution – NSSC	01/25/2012	[redacted]	028
[redacted] 010935	Dedicated System Admin Services – SSC/GPO	02/03/2012	[redacted]	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.
[redacted] 012037	Dedicated Support Services - MSFC/XP	02/13/2012	[redacted]	032/ 122
[redacted] 01239	Dedicated System Administration Services - MSFC/NEACC	02/13/2012	[redacted]	032
[redacted] 013470	Enhanced System Administrator Services - HQ/COOP	02/13/2012	[redacted]	032/ 091
[redacted] 14202	DSA Support – LaRC/COD	02/27/2012	[redacted]	035/088/ 128
[redacted] 15448	DSA Support –LaRC/A1	02/24/2012	[redacted]	035/088
[redacted] 14203	DSA Support – LaRC/D5	02/24/2012	[redacted]	035/ 088
[redacted] 14204	DSA Support – LaRC/D322	02/24/2012	[redacted]	035/ 088
[redacted] 14208	DSA Support – LaRC/AH	02/24/2012	[redacted]	035/ 088
[redacted] 15195	DSA Support – LARC/C1	02/24/2012	[redacted]	035/ 088
[redacted] 14227	DSA Support – LaRC/D214	02/24/2012	[redacted]	035/ 088
[redacted] 16984	DSA Support – LaRC/E5-E6	02/24/2012	[redacted]	035/088/113
[redacted] 14228	DSA Support – LaRC/E4	02/24/2012	[redacted]	035
[redacted] 14223	DSA Support – LaRC/B2	02/24/2012	[redacted]	035
[redacted] 14224	DSA Support – LaRC/C2	02/24/2012	[redacted]	035
[redacted] 14210	DSA Support – LaRC/D304	02/24/2012	[redacted]	035/129
[redacted] 12528	DSA Services – MSFC/Bldg 4200	02/24/2012	[redacted]	035/142
[redacted] 15009	Dedicated Move Support Services at MSFC/AS21	02/24/2012	[redacted]	035/066/084/ 089/096/108
[redacted] 5944	DSA Services– SSC/KACE	02/24/2012	[redacted]	035

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

Proposal No. / ESD Request ID	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod No.
[redacted] 14278	Move Support - HQ	02/24/2012	[redacted]	035/66/119
[redacted] 14370	DSA Support – LaRC/E3	02/24/2012	[redacted]	035
[redacted] 18338	Dedicated System Administration Services – ARC/A	03/12/2012	[redacted]	038
[redacted] 18336	Dedicated System Administration Services – ARC/JA	03/12/2012	[redacted]	038
[redacted] 18337	Dedicated System Administration Services – ARC/HR	03/12/2012	[redacted]	038
[redacted] 18837	Enhanced System Administration Services – HQ/Lenel	03/12/2012	[redacted]	038/159
[redacted] 17802	Google Pilot Support-HQ	03/01/2012	[redacted]	038
[redacted] 24140	Move Support – KSC/GSD&O, LX	03/16/2012	[redacted]	042
[redacted] 25797	ELVIS II Computer Seat Installation	03/21/2012	[redacted]	042/049/058/ 078
[redacted] 29944/68534	JSC Software and Support Purchases	03/30/2012	[redacted]	045/074/157
[redacted] 28333	Enhanced System Administration Services – HQ/SW Librarian	03/30/2012	[redacted]	045/ 095

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

Proposal No. / ESD Request ID	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod No.
[redacted] 24602	Move Support II – KSC/GSD&O, LX	03/23/2012	[redacted]	045
[redacted] 35115	Dedicated Support Services – GRC/KACE	04/13/2012	[redacted]	049
[redacted] 36916	Enhanced System Administration Support – GSFC/JPSS	04/19/2012	[redacted]	051
[redacted] 23212	DFRC Purchase of ODIN Assets	04/24/2012	[redacted]	051
[redacted] 29162	Dedicated Support Services – NSSC/KACE	05/01/2012	[redacted]	053
[redacted] 42881	Move Support – GRC/GESS IT	05/11/2012	[redacted]	057
[redacted] /46546	Dedicated System Support - DFRC/MI	05/21/2012	[redacted]	058
[redacted] 48923	ProofPoint Privacy Module Pilot – Phase I	05/30/2012	[redacted]	061
[redacted] /50377	Domain Controllers - JSC/MCC	6/01/2012	[redacted]	062
[redacted]	DAR Expedited Deployment – NSSC	7/24/2012	[redacted]	071
[redacted]	NSSC Early Tech Refresh	8/6/2012	[redacted]	074
[redacted]	GRC Equipment Usage- “Lights On”	8/24/2012	[redacted]	078

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

Proposal No. /ESD Request ID	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod No.
[redacted]	KSC WINS Server Support	09/27/2012	[redacted]	087
[redacted]	SSC Early Tech Refresh	10/03/2012	[redacted]	090
[redacted]	Elevated Privileges (EP) Provisioning Support – SSC	10/12/2012	[redacted]	093
[redacted]	LaRC Early Tech Refresh	10/12/2012	[redacted]	093
[redacted]	MSFC/Bldg. 4200-SEB	10/30/2012	[redacted]	095
[redacted]	Landsat Data Continuity Mission (LDCM) Support – GSFC	11/20/2012	[redacted]	102
[redacted]	Expedited DAR Encryption – GSFC	11/28/2012	[redacted]	105
[redacted]	Enhanced Support for DAR Installation and Activation – HQ	12/3/2012	[redacted]	108
[redacted]	MSFC Software Maintenance Purchase	12/20/2012	[redacted]	116/ 142
[redacted]	GSFC Early Tech Refresh - Additional	12/20/2012	[redacted]	116
[redacted]	JSC Move Support (Bldg 4S)	01/09/2013	[redacted]	120/ 167
[redacted]	GSFC Early Tech Refresh	01/10/2013	[redacted]	121
[redacted]	KSC New Seat Installs-TOSC	01/17/2013	[redacted]	122/ 125/ 132

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

Proposal No. /ESD Request ID	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod No.
[redacted]	Early Tech Refresh IUP – GSFC (Singer)	01/30/2013	[redacted]	125
[redacted]	Dedicated Support – Air Force Contact Records-KSC	01/30/2013	[redacted]	125
[redacted]	Early Tech Refresh-LaRC (Jan. 2013)	01/30/2013	[redacted]	125
[redacted]	Early Mobility Upgrade-WFF (Stuchlik)	01/30/2013	[redacted]	125
[redacted]	Vidyo Plugin Support for NASA DMV Pilot	02/01/2013	[redacted]	126
[redacted]	Increased NOMAD Mailbox Size	02/06/2013	[redacted]	130
[redacted]	Early Mobility Refresh-SSC Feb 2013- 5 Users(Black, Golden, Kelly, Malcom, Cook)	02/20/2013	[redacted]	135
[redacted]	Early Mobility Refresh-KSC (Zari)	02/20/2013	[redacted]	135
[redacted]	ICAM NCAD Engineering Support	02/20/2013	[redacted]	135
[redacted]	Enhanced System Administration Services – HQ/I St.	02/26/2013	[redacted]	136
[redacted]	Early Mobility Refresh-KSC (Henry, Postell, Bundy)	03/04/2013	[redacted]	138
[redacted]	Early Tech Refresh-MSFC (Feb 2013-5 Users)	03/04/2013	[redacted]	138
[redacted]	Early Mobility Upgrade-GRC Version 1.1	03/04/2013	[redacted]	138
[redacted]	Infrastructure Move Support – MSFC	3/04/2013	[redacted]	139

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

Proposal No. /ESD Request ID	Proposal Title	Date Approved	Negotiated Value	Incorporated by Mod No.
[redacted]	Early Tech Refresh-NSSC	03/11/2013	[redacted]	140/149
[redacted]	JSC Early Tech Refresh	03/11/2013	[redacted]	140
[redacted]	Dedicated System Admin – Walk-Up Support – ARC/Code I – Proposal	3/14/2013	[redacted]	142
[redacted]	Dedicated System Administration – ARC/Bldg. 200	3/18/2013	[redacted]	143
[redacted]	Dedicated System Administration – ARC/Code I	3/18/2013	[redacted]	143
[redacted]	Additional Printer – Model C6000/DFRC	03/25/2013	[redacted]	145
[redacted]	Early Tech Refresh-GSFC	04/17/2013	[redacted]	152
[redacted]	SSC Early Tech Refresh	05/08/2013	[redacted]	157
[redacted]	SSC WINS Server Support	05/24/2013	[redacted]	161/164
[redacted]	SSC Legacy OU Support	05/24/2013	[redacted]	161/164
[redacted]	KSC Move Support - NE	06/03/2013	[redacted]	166
[redacted]	Support for MOD Z420 Compute Seats-JSC)	06/7/2013	[redacted]	167
[redacted]	Early Tech Refresh-NSSC	06/7/2013	[redacted]	167

Appendix B – In-Scope Devices by Serial Number

2UA250120J
2UA250120K
2UA250120L
2UA250120M
2UA250120N
2UA250120P
2UA250120Q
2UA250120R
2UA250120S
2UA250120T
2UA250120V
2UA250120W
2UA250120X
2UA250120Y
2UA250120Z
2UA2501210
2UA2501211
2UA2501212
2UA2501213
2UA2501214
2UA2501215
2UA2501216
2UA2501217
2UA2501218
2UA2501219
2UA250121B
2UA250121C
2UA250121D
2UA250121F
2UA250121G
2UA250121H
2UA250121J
2UA250121K
2UA250121L
2UA250121M
2UA250121N
2UA250121P
2UA250121Q
2UA250121R
2UA250121S
2UA250121T
2UA250121V
2UA250121W
2UA250121X
2UA250121Y
2UA250121Z
2UA2501220
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2UA2501222
2UA2501223
2UA2501224
2UA2501225
2UA2501226
2UA2501227
2UA2501228
2UA2501229
2UA250122B
2UA250122C
2UA250122D
2UA250122F
2UA250122G
2UA250122H
2UA250122J
2UA250122K
2UA250122L
2UA250122M
2UA250122N
2UA250122P
2UA250122Q
2UA250122R
2UA250122S
2UA250122T
2UA250122V
2UA250122W
2UA250122X
2UA250122Y
2UA250122Z
2UA2501230
2UA2501231
2UA2501232
2UA2501233
2UA2501234
2UA2501235
2UA2501236
2UA2501237
2UA2501238
2UA2501239
2UA250123B
2UA250123C
2UA250123D
2UA250123F
2UA250123G
2UA250123H
2UA250123J
2UA250123K
2UA250123L
2UA250123M
2UA250123N
2UA250123P
2UA250123Q
2UA250123R
2UA250123S
2UA250123T
2UA250123V
2UA250123W
2UA250123X
2UA250123Y
2UA250123Z
2UA2501240
2UA2501241
2UA2501242
2UA2501243
2UA2501244
2UA2501245
2UA2501246
2UA2501247
2UA2501248
2UA2501249
2UA250124B
2UA250124C

Early Tech Refresh – NSSC (June 2013)

[redacted]

NASA Attachment: NSSC IUP Attac….xlsx.

Actual Refresh Date	Asset Tag	Existing Seat Type	First Name	Last Name	AUID	UUPIC	Comments:	Business Justification
6/1/2014	200628496	DESKTOP	Brandi	Head	blhead	223180210	All SEATS Will BE Standard LAPTOPS (8 g RAM - new offering.	System Admin. Romote support
7/1/2013	200622557	DESKTOP	Jason	Malasovich	jmalasov	485379945	All SEATS Will BE Standard LAPTOPS (8 g RAM - new offering.	System Admin. Romote support
12/1/2013	200625767	DESKTOP	Yvette	Williams	yvwillia	373487712	All SEATS Will BE Standard LAPTOPS (8 g RAM - new offering.	System Admin. Romote support
2/1/2014	200626584	DESKTOP	Karen	Ekey	kekey	922605121	All SEATS Will BE Standard LAPTOPS (8 g RAM - new offering.	System Admin. Romote support
2/1/2014	200627044	DESKTOP	Tiffany	Rydeen (Men	trydeen	653423254	All SEATS Will BE Standard LAPTOPS (8 g RAM - new offering.	System Admin. Romote support
5/2/2013	40005355	DESKTOP	Jason	Gage	jrgage	243008164	All SEATS Will BE Standard LAPTOPS (8 g RAM - new offering.	System Admin. Romote support
** 11/1/2013	200625938	DESKTOP	Sabrina	Perkins	saperkin	915434314	All SEATS Will BE Standard laptop.	BCP/remote support
4/20/2015	30012266	ACES Desktop	DEDRA	HARTLEY	DCHARTLE	146026442	All SEATS Will BE Standard laptop.	BCP/remote support
7/11/2015	30014492	ACES Desktop	DEBRA	DALE	DDALE	030558366	All SEATS Will BE Standard laptop.	BCP/remote support
10/30/2015	30015628	ACES Desktop	Tracy	Brumfield	tbrumfie	726159030	All SEATS Will BE Standard laptop.	BCP/remote support
4/23/2015	30012266	ACES Desktop	LESLIE	NORMAN	LMNORMA1	624545103	All SEATS Will BE Standard laptop.	BCP/remote support
							Total ETR Cost	

**This was configuration change for this equipment that was not on record anyway previously issues a very beginning of ODIN/ACES Transition as an early deployment.