

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00002		3. EFF. DATE 05/30/2008	4. REQUISITION/PURCHASE REQ. NO. 0020035124	5. PROJECT NO. (If applicable)	
6. ISSUED BY Department of Homeland Security Customs & Border Protection SBI Acquisition Office - 7.2 A-B 1300 Pennsylvania Avenue NW Washington DC 20229		CODE 7014	7. ADMINISTERED BY (If other than Item 6) Dept of Homeland Security Customs and Border Protection SBI Acquisition Office Room 7.2C 1300 Pennsylvania Ave. NW Washington DC 20229		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code) THE BOEING COMPANY DBA/ BOEING 1215 SOUTH CLARK ST STE 600 ARLINGTON VA 22202-3292			9A. AMENDMENT OF SOLICITATION NO.		
CODE 807414318			FACILITY CODE		
			9B. DATED (SEE ITEM 11)		
			10A. MODIFICATION OF CONTRACT/ORDER NO. / HSBP1208J19571		
			10B. DATED (SEE ITEM 13) 12/07/2007		

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)

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

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: FAR 43.103(a), Bilateral Modifications	
D. OTHER (Specify type of modification and authority)	

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

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

The purpose of this Modification is to:

1. Add the following sentence to the Statement of Work at the end of the second paragraph in Section 2.1, Organizational Maintenance: "The initial spares are provided as Appendix 1 to this Statement of Work";

2. Delete the line on Page 2 of the Task Order Form OF347 that reads "Statement of Work paragraphs 7.1 D, E, F, G, 7.2, 7.3, and 8.0 will be activated separately by the Government" and replace it with "Statement of Work paragraphs 7.0, 7.1 Subparagraph d, e, f, g, 7.2, and 7.3 are activated with guidance by

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) (b) (6)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Judith A. Simpson Contracting Officer	
15C. DATE SIGNED 5/30/08		16C. DATE SIGNED (b) (6) 5/30/08	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT - Continuation			1. CONTRACT ID CODE	
2. AMENDMENT/MODIFICATION NO. P00002	3. EFF. DATE 05/30/2008	4. REQUISITION/PURCHASE REQ. NO. 0020035124	PAGE OF	PAGES
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14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
the Government at no additional cost."

3. CDRLs are numbered to reflect the following:

- L0001 - CMLS Monthly Activity Report
- L0002 - RMA Corrective Action Plan
- L0003 - Call Center Metrics Report
- L0004 - Warranty Status Report

4. Change the submittal date for CDRL L0004 - Warranty Status Report from the 1st of every month to the 15th of every month.

5. Update contract value due to error when previously negotiated, from (b) (4) by an increase in fixed fee of (b) (4) to (b) (4). This fixed fee is for spares CLIN. As a result, the total fee has increased from (b) (4) to (b) (4), and the total target cost remains unchanged at (b) (4).

6. Extend the period of performance through 31 August 2008 at no cost to the government. No logistics support will be charged to this task order beyond 9 June 2008. Effective 10 June 2008, all logistics effort will be charged to the ILS task order.

CMLS Statement of Work

Appendix 1

**P-28 Contractor Maintenance and Logistics Support (CMLS) /
National Integrated Logistics Support Planning**

Task Order: HSBP1208J19571

STATEMENT OF WORK

**P-28 Contractor Maintenance and Logistics Support (CMLS) /
National Integrated Logistics Support Planning**

STATEMENT OF WORK

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1. Scope

Contractor maintenance and logistics support (CMLS) for P28 mobile assets is required through the transition period of replacing such assets with fixed assets, or in the event these assets are not replaced, for one year past the P28 warranty period. Until that time, contractor logistics support is required to ensure the assets are available for operational and test use.

2. Contractor Maintenance and Logistics Support (CMLS)

Boeing shall provide CMLS services for P-28 hardware and software assets installed as the P-28 baseline and network configuration. Boeing shall maintain and support P-28 to meet the operational availability requirements defined in the government approved P-28 specification. Boeing shall provide a toll free phone number to government on-site personnel, accessible on a 24 hour a day, 7-day per week, 365 days per year basis to initiate system restoration, and to resolve any other technical issues regarding the P-28 system Call Center.

To effectively fulfill the requirements outlined herein, Boeing shall maintain close coordination with government on-site personnel to minimize interference with operations. Boeing shall obtain government approval prior to conducting any scheduled maintenance action, and shall coordinate with the government corrective maintenance actions. The government shall provide the names and telephone numbers of government site representatives for coordination of maintenance actions. Likewise, Boeing shall provide the government with the names and telephone numbers of contractor site representatives for coordination of maintenance and asset management activities.

2.1 Organizational Maintenance

Boeing shall provide all site level maintenance for all hardware, software and all network provided capabilities. This includes operator preventive and corrective maintenance, removal and replacement of faulty line replaceable units (LRUs) required to sustain the operational availability of the P-28 system as stated in the P-28 SOO, QASP, Appendix A, Optimal Mix of Personnel, Processes, Technology. Boeing shall also be responsible for fueling and servicing of the P-28 site power generation equipment.

Boeing shall maintain sufficient spares and support equipment, as specified in paragraph 2.4 below, and shall provide trained maintenance technicians to meet operational availability requirements of the P-28 system as stated in the P-28 SOO, QASP, Appendix A, Optimal Mix of Personnel, Processes, Technology. The initial spares identified are provided as Appendix 1 to this Statement of Work.

Boeing shall provide maintenance services and supply support for all computer workstations, including related hardware and software, installed at each P-28 operational site. Subsequent to the approval of the COTR, Boeing shall replace failed hardware with replacements whose functionality is the same or better than that of a failed unit, and whose form, fit, and function are transparent to the P-28 configuration baseline (hardware and software). All parts substitutions shall be subject to approval from the appropriate configuration control boards in accordance with the SBI-net CDMP. Boeing shall provide for the provisioning of all required consumables for the P-28 system, including but not limited to: refueling and periodic maintenance of mobile tower surveillance system (MTSS) power systems, provisioning, maintenance and repair of mobile command centers, and power or battery replacement for Unattended Ground sensors. In addition, Boeing shall provide for communications bandwidth leases and communications costs associated with P28 operations for up to two years or as ordered by the government.

2.2 Depot level Maintenance

Prior to returning assets to the OEM for repair or replacement, Boeing shall identify and implement processes and services for intermediate technical/test capability to determine asset operational condition. Boeing or their subcontractors shall perform all depot level maintenance necessary to support the P-28 System Configuration and operational availability parameters as stated in the P-28 SOD, QASP, Appendix A, Optimal Mix of Personnel, Processes, Technology.

Boeing shall provide complete depot-level supply support for the workstations and peripheral equipment. Depot level maintenance shall consist of disposal, reordering, repairing or pursuing vendor warranty on failed LRUs which were removed from the site. All hardware warranties for P-28 assets shall pass to the government. As ordered by the government, Boeing shall identify and implement a repair/return to supply program for all warranty items assets for which the government has title. Boeing shall identify all P-28 system component warranties and report status to the government on a monthly basis, this report is due on the first business day of every month following task order award. Contractor format is acceptable pending government approval.

CLIN L004: Warranties

CDRL L0004: Monthly Warranty Status Report

Boeing shall provide a monthly report for all deployed assets indicating:

In service date;

Warranty expiration; Warranty assets in repair; and

Warranty coverage dates for replaced assets.

2.3 Supply Support

Boeing shall ensure that adequate spare parts are on-hand both at all P-28 system sites as well as at Boeing depot to satisfy the operational needs of the system, as defined in the P-28 specification. In addition, Boeing shall identify, and provide to government site personnel, any required consumable items (for use by contractor maintenance or government personnel) at each site to support the operation of the P-28 equipment configuration.

2.4 Support Facilities

Boeing shall provide all support facilities required for storage of spare parts and repair/overhaul of P-28 hardware and software. If available, the government may elect to provide storage space on a case by case basis. The government shall not take responsibility for the security of contractor owned assets.

3. CMLS Monthly Activity Report

Boeing shall submit a CMLS Monthly Activity Report (CDRL L0001) that addresses all CMLS activities during the month. The monthly reporting period covers the calendar month (i.e. first through the last day of each month). The report shall be submitted no later than the 15th of each month following the close of the reporting period. The first report shall cover the period from the first day of the CMLS phase to the end of the first full month of the CMLS phase and shall be submitted by the 15th day of the following month. The report shall include the following:

- a. All maintenance activity, both scheduled and unscheduled, involving the system hardware and software, and its components for each P-28 system operational site. Maintenance activities include system modifications/upgrades, on-equipment inspections, periodic/preventive maintenance, fault isolation, repair, removal, and replacement of failed LRUs or components, adjustments, and verification of system operation.
- b. A system level summary of maintenance activity. This summary shall also include:
 - 1) A statistical analysis of reliability and availability parameters and the logistics time and the time to repair for reported system discrepancies;
 - 2) Results of analysis of trends and proposed corrective actions; and
 - 3) Recommendations for technical service bulletins.
- c. Documentation of component discrepancies, errors, and failures.

For failures, the report shall include the following information:

- 1) Site;
- 2) Date, time and place of failure notification;
- 3) Description of malfunction;
- 4) Part number of failed LRU/software component;
- 5) Date and time of arrival;
- 6) List of repair parts required;
- 7) CBP person verifying repair;
- 8) Date and time of departure;
- 9) Total hours of system operation during reporting period; and
- 10) Total hours of system downtime during reporting period.

Boeing shall ensure that significant aspects of the CMLS Monthly Activity Report are reported at monthly SBI-net Program Reviews.

4.0 Corrective Action Plan

In the event that reliability, maintainability, and availability (RMA) figures demonstrate that the P-28 system is not meeting the RMA requirements, Boeing shall provide a system RMA Corrective Action Plan (CDRL L0002) describing the system's problem(s), the cause of the problem(s), and the recommended corrective action(s) required to meet the RMA requirements. Contractor format is acceptable. Boeing shall provide the government with a standard Call Center Metrics Report (CDRL L0003) associated with the performance of the call center and our inventory and asset management system. Boeing shall categorize all data by: Equipment, Service, Region, Sector, and Zone.

Call Center reports shall include, but not limited to:

- First Contact; Resolution
- Call Resolution; Time Call Receipt
- Time Total Calls, Offered Max Delay, Time; Abandoned Call (%)
- Top Equipment Bad Actor Reports
- Multiple Ticket Calls, Warranty and Non-Warranty; Ticket Aging Report
- Tickets Pushed to other Call Centers
- Summary Reports of Calls by Customer, Natural Disaster Monitoring and asset damage.

5.0 LRU Identification and Marking

Boeing shall use an approved CBP/DHS asset identification method (e.g. bar code/RFID), specifically, the GS-I System (formerly the EAN.UCC System) for the purposes of product identification, configuration management, and inventory management to control and identify P-28 system configuration items and subordinate

line replaceable units (LRU). The standard specifies the data element within Application Identifier (8004) the Global Individual Asset Identifier (GIAI) as the unique identifier. The preferred marking for the unique identifier is the GSI-128 barcode symbol using the GSI function code 1 (FNCL) Syntax. Boeing shall be responsible for marking all P-28 system components, including LRU spares. All LRU components and LRU spares shall be marked with bar code symbols that are consistent with commercial product identification. LRU markings shall be sufficient to clearly and visually identify the LRU and the contents of an LRU package.

6.0 Asset Management, Assessment and Relocation

Boeing shall provide formal planning, processes and system support tools and resources to perform GFE assessments for assets provided by the government and legacy equipment requiring integration into the SBInet solution. GFE assessments shall include but are not limited to, technical integration requirements, Upgrade or Retrofit requirements and cost analyses, cannibalization/return to supply and disposal plans. As ordered by the government, Boeing shall remove and or relocate candidate P-28 system assets (e.g., mobile towers) to optimize system/sector performance and/or other means of disposition.

6.1 Personal Property Management

The contractor shall ensure that all government owned assets are properly managed and controlled in accordance with CBP personal property policy and assign a specialist as the Local Property Officer (LPO). The contractor LPO will interact with the contracting officer's on site technical representative (COTR (name to be furnished by the government)) and local government property management personnel in receiving guidance with regard to policy, required inventories, and activities supporting financial statement audits. The contractor shall use a property management system software solution that captures requisite data identified in CBP personal property policy.

Contract Data Requirements List (CDRL) for P-28 CMLS

CDRL Number	CDRL Name	CDRL Contents
L0001	CMLS Monthly Activity Report	Contents and format laid out in paragraph 3.0
L0002	RMA Corrective Action plan	Contents and format laid out in paragraph 4.0
L0003	Call Center Metrics Report	Contents and format laid out in SOW text for Call Center
L0004	Warranty Status Report	Content and format laid out in paragraph 2.2

7.0 Contractor Services for System Engineering and Technical Support

7.1 Contractor Technical Support

The Contractor shall provide technical support services to assist the Government in accomplishing specific tasks required to plan, implement, maintain, and/or update the SBNet system sites. The Contractor shall provide qualified personnel for these services as necessary to complete the assigned task. Tasks include but are not limited to the following:

- a. Repair of SBNet sites; NOC; SOC; CBP operational and training facilities and equipment
- b. Investigation of trouble reports
- c. Reconfiguration of SBNet equipment necessary to meet a change in Government requirements (e.g. frequency reallocations for communications)
- d. Retrofit and field modifications
- e. Conduct Mission Analyses, and provide mission support services, to determine the effectiveness of selected or combined SBNet systems/equipment at meeting the mission of the SBI/SBNet program
- f. Develop Engineering Change Proposals to enhance SBI program/SBNet system capability in order to meet any requirements resulting from 7.1 e above
- g. Other services over and above normal site hardware and software site/NOC/SOC/operational and training maintenance.

7.2 Acquire Assets to Effect Engineering Change Proposals

Acquire the necessary assets (hardware, software, and technical documentation) to support 7.1-c, 7.1-d, 7.1-e and 7.1-f above. Prior to acquiring any assets under this effort the Contractor will provide the Government with a complete listing, including cost, of all items to be acquired and receive written permission from the Government to acquire said assets. All assets acquire under this effort will, upon Government acceptance of the items, become the property of the Government.

7.3 Operational Test and Evaluation (OT&E)

Provide OT &E services at selected SBNet sites designated by the Government. OT&E services will include all labor, support equipment, and facilities to support OT&E at the designated site(s). Prior to commencement of OT&E services at a site designated by the Government the Contractor will provide a complete estimate of the support equipment, materiel, staff, and facilities needed to accomplish the effort, and receive written authorization from the Government for the acquisition/use of the requisite assets and use of labor.

8.0 SBlnet Integrated Logistics Support Planning

The contractor shall perform national logistics planning in support of the SBlnet program until award of the Integrated Logistics Support Task Order or expiration of this order, whichever occurs first. This ILS Planning includes all activities and processes necessary to support and maintain a SBlnet Border control solution through the end of the solution's service life. Boeing shall provide all support facilities required for storage of spare parts and repair/overhaul of SBlnet hardware and software.

**P-28 Contractor Maintenance and Logistics Support (CMLS) /
National Integrated Logistics Support Planning**

STATEMENT OF WORK

Appendix 1

P-28 CMLS Spares

Bill of Material

Item Ref #	Supplier	Part Number	Description	U/P	Recommended Number of Spares	Spares Cost (1 year)	Comments	Pricing Comments
1	DRS	06110034-1	Strain relief (long)	(b) (4)	1	(b) (4)	DRS assembly.	
2	DRS	06110035-1	MTSS Cable Assembly (W20)	(b) (4)	1	(b) (4)	DRS assembly.	
3	DRS	06110036-1	strain relief (short)	(b) (4)	1	(b) (4)	DRS assembly.	
4	DRS	06110040-1	MTSS Cable Assembly (W46)	(b) (4)	1	(b) (4)	DRS assembly.	
5	DRS	06110050-1	MTSS Cable Assembly (W10)	(b) (4)	1	(b) (4)	DRS assembly.	
6	DRS	06110060-1	cable W33	(b) (4)	1	(b) (4)	DRS assembly.	
7	DRS	06110060-2	cable W34	(b) (4)	1	(b) (4)	DRS assembly.	
8	DRS	06110060-3	cable W35	(b) (4)	1	(b) (4)	DRS assembly.	
9	DRS	06110060-4	cable W36	(b) (4)	1	(b) (4)	DRS assembly.	
10	DRS	06110065-1	MTSS Cable Assembly (W1)	(b) (4)	1	(b) (4)	DRS assembly.	
11	DRS	06110066-1	MTSS Cable Assembly (W56)	(b) (4)	1	(b) (4)	DRS assembly.	
12	DRS	06110066-10	MTSS Cable Assembly (W39)	(b) (4)	1	(b) (4)	DRS assembly.	
13	DRS	06110066-11	MTSS Cable Assembly (W44)	(b) (4)	1	(b) (4)	DRS assembly.	
14	DRS	06110066-12	MTSS Cable Assembly (W62)	(b) (4)	1	(b) (4)	DRS assembly.	
15	DRS	06110066-13	MTSS Cable Assembly (W63)	(b) (4)	1	(b) (4)	DRS assembly.	
16	DRS	06110066-14	MTSS Cable Assembly (W37)	(b) (4)	1	(b) (4)	DRS assembly.	
17	DRS	06110066-15	MTSS Cable Assembly (W38)	(b) (4)	1	(b) (4)	DRS assembly.	
18	DRS	06110066-2	MTSS Cable Assembly (W57)	(b) (4)	1	(b) (4)	DRS assembly.	
19	DRS	06110066-3	MTSS Cable Assembly (W40)	(b) (4)	1	(b) (4)	DRS assembly.	
20	DRS	06110066-4	MTSS Cable Assembly (W41)	(b) (4)	1	(b) (4)	DRS assembly.	
21	DRS	06110066-5	MTSS Cable Assembly (W45)	(b) (4)	1	(b) (4)	DRS assembly.	
22	DRS	06110066-6	MTSS Cable Assembly (W47)	(b) (4)	1	(b) (4)	DRS assembly.	
23	DRS	06110066-7	MTSS Cable Assembly (W48)	(b) (4)	1	(b) (4)	DRS assembly.	
24	DRS	06110066-8	MTSS Cable Assembly (W49)	(b) (4)	1	(b) (4)	DRS assembly.	
25	DRS	06110066-9	MTSS Cable Assembly (W50)	(b) (4)	1	(b) (4)	DRS assembly.	
26	DRS	06110071-1	Coax sat comm cable	(b) (4)	1	(b) (4)	DRS assembly.	
27	DRS	06110071-2	Coax sat comm cable	(b) (4)	1	(b) (4)	DRS assembly.	
28	DRS	06110073-1	Sat Comm Cable	(b) (4)	1	(b) (4)	DRS assembly.	
29	DRS	06110073-2	Sat Comm Cable	(b) (4)	1	(b) (4)	DRS assembly.	
30	DRS	06110091-1	cable W30	(b) (4)	1	(b) (4)	DRS assembly.	
31	DRS	06110092-1	cable W17	(b) (4)	1	(b) (4)	DRS assembly.	
32	DRS	06110238-1	MTSS Cable Assembly (W9)	(b) (4)	1	(b) (4)	DRS assembly.	
33	DRS	06110240-1	cable	(b) (4)	1	(b) (4)	DRS assembly.	
34	DRS	06110242-1	MTSS Cable Assembly (W11)	(b) (4)	1	(b) (4)	DRS assembly.	
35	DRS	06110253-1	MTSS Cable Assembly (W15)	(b) (4)	1	(b) (4)	DRS assembly.	
36	DRS	06110241-1	MTSS Cable Assembly	(b) (4)	1	(b) (4)	DRS assembly.	
37	DRS	06110082-1	MTSS Cable Assembly (W76)	(b) (4)	1	(b) (4)	DRS assembly.	
38	DRS	06110083-1	MTSS Cable Assembly (W80)	(b) (4)	1	(b) (4)	DRS assembly.	
39	DRS	06110083-2	MTSS Cable Assembly (W81)	(b) (4)	1	(b) (4)	DRS assembly.	
40	DRS	06110083-3	MTSS Cable Assembly (W82)	(b) (4)	1	(b) (4)	DRS assembly.	
41	DRS	06110083-4	MTSS Cable Assembly (W83)	(b) (4)	1	(b) (4)	DRS assembly.	
42	DRS	06110084-1	MTSS Cable Assembly (W110)	(b) (4)	1	(b) (4)	DRS assembly.	
43	DRS	06110086-1	MTSS Cable Assembly (W71)	(b) (4)	1	(b) (4)	DRS assembly.	
44	DRS	06110086-2	MTSS Cable Assembly (W104)	(b) (4)	1	(b) (4)	DRS assembly.	
45	DRS	06110093-1	MTSS Cable Assembly (W18)	(b) (4)	1	(b) (4)	DRS assembly.	
46	DRS	06110094-1	MTSS Cable Assembly (W19)	(b) (4)	1	(b) (4)	DRS assembly.	
47	DRS	06110097-1	MTSS Cable Assembly (W77)	(b) (4)	1	(b) (4)	DRS assembly.	
48	DRS	06110222-1	MTSS Cable Assembly (W100)	(b) (4)	1	(b) (4)	DRS assembly.	
49	DRS	06110223-10	MTSS Cable Assembly (W103)	(b) (4)	1	(b) (4)	DRS assembly.	
50	DRS	06110223-11	MTSS Cable Assembly (W105)	(b) (4)	1	(b) (4)	DRS assembly.	
51	DRS	06110223-12	MTSS Cable Assembly (W106)	(b) (4)	1	(b) (4)	DRS assembly.	
52	DRS	06110223-13	MTSS Cable Assembly (W107)	(b) (4)	1	(b) (4)	DRS assembly.	
53	DRS	06110223-14	MTSS Cable Assembly (W108)	(b) (4)	1	(b) (4)	DRS assembly.	
54	DRS	06110223-15	MTSS Cable Assembly (W109)	(b) (4)	1	(b) (4)	DRS assembly.	

Item Ref #	Supplier	Part Number	Description	U/P	Recommended Number of Spares	Spares Cost (1 year)	Comments	Pricing Comments
55	DRS	06110223-16	MTSS Cable Assembly (W115)	(b) (4)	1	(b) (4)	DRS assembly.	
56	DRS	06110223-17	MTSS Cable Assembly (W117)	(b) (4)	1	(b) (4)	DRS assembly.	
57	DRS	06110223-18	MTSS Cable Assembly (W118)	(b) (4)	1	(b) (4)	DRS assembly.	
58	DRS	06110223-19	MTSS Cable Assembly (W119)	(b) (4)	1	(b) (4)	DRS assembly.	
59	DRS	06110223-20	MTSS Cable Assembly (W120)	(b) (4)	1	(b) (4)	DRS assembly.	
60	DRS	06110223-21	MTSS Cable Assembly (W121)	(b) (4)	1	(b) (4)	DRS assembly.	
61	DRS	06110223-22	MTSS Cable Assembly (W122)	(b) (4)	1	(b) (4)	DRS assembly.	
62	DRS	06110223-23	MTSS Cable Assembly (W116)	(b) (4)	1	(b) (4)	DRS assembly.	
63	DRS	06110223-24	MTSS Cable Assembly (W97)	(b) (4)	1	(b) (4)	DRS assembly.	
64	DRS	06110223-25	MTSS Cable Assembly (W98)	(b) (4)	1	(b) (4)	DRS assembly.	
65	DRS	06110223-27	MTSS Cable Assembly (W90)	(b) (4)	1	(b) (4)	DRS assembly.	
66	DRS	06110223-3	MTSS Cable Assembly (W70)	(b) (4)	1	(b) (4)	DRS assembly.	
67	DRS	06110223-31	MTSS Cable Assembly (W111)	(b) (4)	1	(b) (4)	DRS assembly.	
68	DRS	06110223-32	MTSS Cable Assembly (W112)	(b) (4)	1	(b) (4)	DRS assembly.	
69	DRS	06110223-4	MTSS Cable Assembly (W72)	(b) (4)	1	(b) (4)	DRS assembly.	
70	DRS	06110223-5	MTSS Cable Assembly (W73)	(b) (4)	1	(b) (4)	DRS assembly.	
71	DRS	06110223-6	MTSS Cable Assembly (W74)	(b) (4)	1	(b) (4)	DRS assembly.	
72	DRS	06110223-7	MTSS Cable Assembly (W75)	(b) (4)	1	(b) (4)	DRS assembly.	
73	DRS	06110223-8	MTSS Cable Assembly (W101)	(b) (4)	1	(b) (4)	DRS assembly.	
74	DRS	06110223-9	MTSS Cable Assembly (W102)	(b) (4)	1	(b) (4)	DRS assembly.	
75	DRS	06110224-1	MTSS Cable Assembly (W113)	(b) (4)	1	(b) (4)	DRS assembly.	
76	DRS	06110227-1	Cable	(b) (4)	1	(b) (4)	DRS assembly.	
77	DRS	06110231-1	MTSS Cable Assembly (W2)	(b) (4)	1	(b) (4)	DRS assembly.	
78	DRS	06110232-1	MTSS Cable Assembly (W3)	(b) (4)	1	(b) (4)	DRS assembly.	
79	DRS	06110233-1	MTSS Cable Assembly (W4)	(b) (4)	1	(b) (4)	DRS assembly.	
80	DRS	06110234-1	MTSS Cable Assembly (W5)	(b) (4)	1	(b) (4)	DRS assembly.	
81	DRS	06110235-1	MTSS Cable Assembly (W6)	(b) (4)	1	(b) (4)	DRS assembly.	
82	DRS	06110236-1	MTSS Cable Assembly (W7)	(b) (4)	1	(b) (4)	DRS assembly.	
83	DRS	06110237-1	MTSS Cable Assembly (W8)	(b) (4)	1	(b) (4)	DRS assembly.	
84	DRS	06110240-10	cable	(b) (4)	1	(b) (4)	DRS assembly.	
85	DRS	06110240-11	cable	(b) (4)	1	(b) (4)	DRS assembly.	
86	DRS	06110240-12	cable	(b) (4)	1	(b) (4)	DRS assembly.	
87	DRS	06110240-13	cable	(b) (4)	1	(b) (4)	DRS assembly.	
88	DRS	06110240-14	cable	(b) (4)	1	(b) (4)	DRS assembly.	
89	DRS	06110240-15	cable	(b) (4)	1	(b) (4)	DRS assembly.	
90	DRS	06110240-16	cable	(b) (4)	1	(b) (4)	DRS assembly.	
91	DRS	06110240-17	cable	(b) (4)	1	(b) (4)	DRS assembly.	
92	DRS	06110240-2	cable	(b) (4)	1	(b) (4)	DRS assembly.	
93	DRS	06110240-3	cable	(b) (4)	1	(b) (4)	DRS assembly.	
94	DRS	06110240-4	cable	(b) (4)	1	(b) (4)	DRS assembly.	
95	DRS	06110240-5	cable	(b) (4)	1	(b) (4)	DRS assembly.	
96	DRS	06110240-6	cable	(b) (4)	1	(b) (4)	DRS assembly.	
97	DRS	06110240-7	cable	(b) (4)	1	(b) (4)	DRS assembly.	
98	DRS	06110240-8	cable	(b) (4)	1	(b) (4)	DRS assembly.	
99	DRS	06110240-9	cable	(b) (4)	1	(b) (4)	DRS assembly.	
100	DRS	06110243-1	MTSS Cable Assembly (W12)	(b) (4)	1	(b) (4)	DRS assembly.	
101	DRS	06110223-28	MTSS Cable Assembly	(b) (4)	1	(b) (4)	DRS assembly.	
102	DRS	06110224-2	MTSS Cable Assembly	(b) (4)	1	(b) (4)	DRS assembly.	
103	DRS	06110223-26	MTSS Cable Assembly	(b) (4)	1	(b) (4)	DRS assembly.	
104	DRS	06110223-40	MTSS Cable Assembly	(b) (4)	1	(b) (4)	DRS assembly.	
105	DRS	06110227-2	MTSS Cable Assembly (W148)	(b) (4)	1	(b) (4)	DRS assembly.	
106	DRS	06110227-3	MTSS Cable Assembly (W149)	(b) (4)	1	(b) (4)	DRS assembly.	

Item Ref #	Supplier	Part Number	Description	U/P	Recommended Number of Spares	Spares Cost (4 year)	Comments	Pricing Comments
107	DRS	06110029-1	tilt sensor assembly	(b) (4)	1	(b) (4)	Assembled/wired by DRS.	This is an assembly built by DRS. Use of an alternate supplier may require some design changes.
108	DRS	06110130-1	PDP (power distribution panel assy)	(b) (4)	1	(b) (4)	Assembled/wired by DRS.	Pricing recommended by Acquisition Division in e-mail dtd. 9/27/2007
109	DRS	06110248-1	Aux Chassis LRU	(b) (4)	1	(b) (4)	Assembled/wired by DRS.	Pricing recommended by Acquisition Division in e-mail dtd. 9/27/2007
110	DRS	06110551-1	tower security suite, enclosure assembly	(b) (4)	1	(b) (4)	Assembled/wired by DRS.	This is an assembly built by DRS. Use of an alternate supplier may require some design changes.
111	DRS	06110321-1	sensor platform assembly	(b) (4)	1	(b) (4)	This is DRS built item.	This is an assembly built by DRS.
112	TBD	Ice Qube IQ6000V16HA-126; compressor	Environmental Control Unit - compressor	(b) (4)	2	(b) (4)	COTS item. Added part number of ECU and specific components within ECU to be spared.	Have added part numbers so these parts can be purchased as COTS item.
112A	TBD	Ice Qube IQ6000V16HA-126; controller	Environmental Control Unit - compressor	(b) (4)	2	(b) (4)	COTS item. Added part number of ECU and specific components within ECU to be spared.	Have added part numbers so these parts can be purchased as COTS item.
112B	TBD	Ice Qube IQ6000V16HA-126; fan	Environmental Control Unit - fan	(b) (4)	2	(b) (4)	COTS item. Added part number of ECU and specific components within ECU to be spared.	Have added part numbers so these parts can be purchased as COTS item.
112C	TBD	Ice Qube IQ6000V16HA-126; heat/cool relay	Environmental Control Unit - heat/cool relay	(b) (4)	2	(b) (4)	COTS item. Added part number of ECU and specific components within ECU to be spared.	Have added part numbers so these parts can be purchased as COTS item.
113	TBD	SUA3000RMXL3U	UPS	(b) (4)	1	(b) (4)	COTS item.	Pricing recommended by Acquisition Division in e-mail dtd. 9/27/2007
114	TBD	SDP2-12-100T	12 VDC PS from the Aux 3 chassis	(b) (4)	1	(b) (4)	COTS item.	
115	TBD	SM2-S6	24 VDC PS from the Aux 3 chassis	(b) (4)	1	(b) (4)	COTS item.	
116	TBD	84-134-850	normally open relays from the PDP	(b) (4)	1	(b) (4)	COTS item.	
117	TBD	84-134-010	normally closed relays from the PDP	(b) (4)	1	(b) (4)	COTS item.	
118	TBD	GFR5352BKA	GFCI outlets	(b) (4)	1	(b) (4)	COTS item.	
119	DRS	01172.0-01	Omega temp sensors	(b) (4)	1	(b) (4)	COTS item.	
120	DRS	EWS-TX	temp shutoff sensors	(b) (4)	1	(b) (4)	COTS item.	
121	DRS	OA360-DRS	Security cameras [unobstructed view of the site inside of the LORROS viewing radius]	(b) (4)	1	(b) (4)	Believe correct nomenclature - Omni Alert360; Single omni-directional camera. Used to provide unobstructed view of the site inside of the LORROS viewing radius. Factory focused.	Researched Security Camera includes thermal imaging, low light color camera, variable speed pan/tilt. 360 camera is omni-directional and uses IR illuminators to provide light at night. These differences account for the 16% higher price of the researched model.
122	TBD	CSI-IR50M60N-24AC	IR illuminators	(b) (4)	1	(b) (4)	COTS item.	

Item Ref #	Supplier	Part Number	Description	U/P	Recommended Number of Spares	Spares Cost (1 year)	Comments	Pricing Comments
123	Thompson Power Systems	G15U3S with the following specified upgrades: Increased fuel sump capacity; high performance air filter; modular aluminum weather protective enclosure; enclosure painted to MIL-STD-M85285, color 30279; 2 inch containment basin sized to hold more than radiator and oil combined.	LP Generator	(b) (4)	2	(b) (4)	Specific required options to the G15U3S have been added.	Have added specific upgrades required for the LP Generator, so generator can now be purchased directly from Caterpillar distributor.
123a	DRS	06110065-1	Cable ASSY, Generator Power		9		Used to support automatic transfer from on-line P-28 generator to maintenance generator. Part Number added.	
125	DRS	MSTAR	Radar System		1			Reference Attachment 1 of Desk Analysis HB-Co7-0127 dtd. 9/27/07
125a	DRS	06110220	Electronics Enclosure 2 Assembly				Added description. (Needed to complete set-up of tower #10.)	Price was not available at time of this submission
125b	DRS	06110080	Electronics Enclosure 1 Assembly				Added description. (Needed to complete set-up of tower #10.)	Price was not available at time of this submission
126	TBD	CISCO 2811 SeriesCS1-CISCO2811-V/K9 includes:CIS-NM-16ESW, CIS-VIC2-4FXO, CD1-CON-OSP-CS2811v9, CIS-HWIC-A/s, 8PSK, FL28-SPSK9-AISK9,HWIC-D-9ESW,GE-DCARD-ESW, MEM2880-256CF	Switch (Router)		1		COTS item. Added part/option details.	
127	TBD	Comtech CDM570L-1644, includes OPT-7 [Header and Payload Compression S/W package] & OPT-11 [AC Power, 100 - 240 VAC (48 VDC 180W BUC Power Supply)] internally installed	CDM-570L (L Band) Satellite Modem (Includes: Data rate to 5 Mbps, BPSK, QPSK,		1		COTS item. Added part/option details.	
128	TBD	Andrews 62-24356-01C	Antenna 2.4m class III		1		COTS item.	
129	TBD	Andrews 4VL16	Antenna single tray mount		1		COTS item.	
130	TBD	Terrasat 340-10521-0001	Antenna BUC bracket for 2.4m		1		COTS item.	
131	TBD	Terrasat iBUC140145-048008	BUC 8 Watt		1		COTS item.	Researched price reflects savings realized in purchasing as COTS item.
132	TBD	Norsat LNB 1009XAN	LNB		1		COTS item.	

Item Ref #	Supplier	Part Number	Description	U/P	Recommended Number of Spares	Spares Cost (1 year)	Comments	Pricing Comments
133	TBD	Comtech CDM570L-1598 includes OPT-7 [Header and Payload Compression S/W package] internally installed	CDM-570L (L Band) Satellite Modem (Includes: Data rate to 5 Mbps, BPSK, PSK, QPSK, Turbo Product Code (TPC), IP Module, VMS enabled, AC power cord)	(b) (4)	1	(b) (4)	COTS item. Added part/option details.	
134	TBD	Terrasat PSUI-848	AC 400W Outdoor Power Supply for C-band BUCs through 40W and Ku-band through 25W, 115 or 230 VAC input, 48V output		1		COTS item.	Verified that unit is COTS item.
135	TBD	MECA 802-4-1.500V	Splitter 1:2		1		COTS item. Added part numbers.	
136	TBD	MECA 812-4-1.500V			1		COTS item. Added part numbers.	
137	TBD	Comtech CDD564L-64 includes OPT-3 [QoS, Header and Payload Compression S/W package] internally installed	CDD-564L (L-Band) Quad Satellite Demodulator (Includes: Data rate to 5Mbps,		1		COTS item. Added part/option details.	Pricing recommended by Acquisition Division in e-mail dtd. 9/27/2007
138	TBD	Andrews 62-2435601C	Antenna 2.4m class III		1		COTS item.	Researched price reflects savings realized in purchasing as COTS item.
139	TBD	Andrews 4VL16	Antenna single tray mount		1		COTS item.	
140	TBD	Terrasat 340-10521-0001	Antenna BUC bracket for 2.4m		1		COTS item.	
141	TBD	Terrasat IBUC140145-048025	BUC 25 Watt		1		COTS item.	Researched price reflects savings realized in purchasing as COTS item.
142	TBD	Norsat LNB 1009XAN	LNB		1		COTS item.	
143	TBD	RF Industries p/n RFC-4112 -1200	VSAT Cable		1		COTS item.	
144	TBD	Alvarion BS-SH-VL	Base Station shelf, ready for BreezeACCESS VL. 19" rack. Accepts up to: 6 (six) AU-BS cards (BA 900, II,V,VL).		1		COTS item.	Verified that unit is COTS item.
145	TBD	Alvarion BS-PS-AC-VL	Power Supply module for BS-VL Required power supply: 110/220VAC. To be used only with BreezeACCESS VL units		1		COTS item.	
146	TBD	Alvarion AU-D-BS-5.8-90 VL	Base station Equipment, Complete AU system, Indoor Network Interface Card to be plugged in chassis+ Outdoor radio unit, 5.725-5.850GHz. Detached 90 degrees antenna and RF cable are included		4		COTS item.	Pricing recommended by Acquisition Division in e-mail dtd. 9/27/2007
147	TBD	Alvarion CBL-BB/50	Indoor unit to outdoor unit baseband cable for use with DS.11 / DS 5800 & BA VL Series Termination connectors: RJ 45 ruggedized Length: 50 m		3		COTS item.	
148	TBD	BEAM Comm RST978HB	SatComm car kit		5		COTS item.	Differences between researched and supplier unit costs due to pricing variations between suppliers.

Item Ref #	Supplier	Part Number	Description	U/P	Recommended Number of Spares	Spares Cost (1 year)	Comments	Pricing Comments
149	TBD	Alvarion SU-E-5.8-54-BD VL includes PS1083 IDU	Subscriber Unit; Indoor Network Interface Unit and Power supply + Outdoor radio unit, Indoor Outdoor Cat5 20 Meter cable included, 5.725-5.850 GHz, Full Data Bridge 54 Mbps data rate. antenna is NOT included	(b) (4)	7	(b) (4)	COTS item.	Researched price reflects savings realized in purchasing as COTS item.
150	TBD	Alvarion OPS-DC	Extended temperature universal DC power Supply		7		COTS item.	
151	TBD	Alvarion MFB58009	Omni Antenna for High Speed Wireless		6		COTS item.	
152	TBD	ContemporaryControls EISKS-100T	Network Interface (hub) for vehicle		6		COTS item.	
153	TBD	NAL Research SAF4070-IG	Dual Iridium/GPS Antenna		6		COTS item.	
154	TBD	NAL Research SYN-DC-936	RS232 and Power Cable		6		COTS item.	
155	TBD	RF Industries	VSAT Cable		1		COTS item.	
156	TBD	Antek WR-75	3 foot Flexible Wave Guide		1		COTS item.	
157	Kollsman		Kollsman Spares Suite (O and I Level)					Price was not available at time of this submission
157 OP	Kollsman		Kollsman Lorros Camera suite					Price was not available at time of this submission
158	Kollsman	2166-4200-00	High speed MCS-50		1		Part of LORROS MKII Camera System.	
159	Kollsman	2166-2000-00	Long range day Camera NTSC [Provides long-range daylight TV observation. Camera 1 - 1/2" color day camera CCD Camera 2 - Black/White CCD camera improving surveillance in bad weather conditions.]		1		Part of LORROS MKII Camera System.	Pricing recommended by Acquisition Division in e-mail dtd. 9/27/2007
160	Kollsman	6543-0000-11	FLIR Camera (Lotus GLR + Lotus Cover)		1		Part of LORROS MKII Camera System.	Researched and supplier costs within 10%.
161	Kollsman	2166-7100-00	Camera & Laser Range Finder Assy		1		Part of LORROS MKII Camera System.	Added additional info in description. Camera is integrated with Laser Range Finder.
162	Kollsman	2166-1000-00	Electronics Interface Box		1		Part of LORROS MKII Camera System.	This unit is part of the LORROS MKII Camera System.
163	Kollsman	2166-4000-00	Boresight Retention Assy		1		Part of LORROS MKII Camera System.	This unit is part of the LORROS MKII Camera System.
164	Kollsman		EOSS cables SBI					Price was not available at time of this submission
164A	Kollsman	2166-6110-00	Remote Control Comm. Cable 50M		1		Part of LORROS MKII Camera System.	This unit is part of the LORROS MKII Camera System.
164B	Kollsman	2166-6120-00	Remote Control Power Cable 50M		1		Part of LORROS MKII Camera System.	This unit is part of the LORROS MKII Camera System.
164C	Kollsman	69507-6300-06	MCS-50 Cable 5M		1		Part of LORROS MKII Camera System.	This unit is part of the LORROS MKII Camera System.
164D	Kollsman	6507-6550-06	LRF & Camera Cable 5M		1		Part of LORROS MKII Camera System.	This unit is part of the LORROS MKII Camera System.
164E	Kollsman	6507-6440-11	LOTUS-GLR Cable 5M		1		Part of LORROS MKII Camera System.	This unit is part of the LORROS MKII Camera System.

Item Ref #	Supplier	Part Number	Description	U/P	Recommended Number of Spares	Spares Cost (1 year)	Comments	Pricing Comments
164F	Kollsman	2188-1023-00	VSS Cable 5M (Long Range Day Camera Cable 5M)	(b) (4)	1	(b) (4)	Part of LORROS MKII Camera System.	This unit is part of the LORROS MKII Camera System.
165	Kollsman	2166-0012-00	Video Decoder	(b) (4)	1	(b) (4)	Part of LORROS MKII Camera System. Corrected part description to read "Video Decoder" rather than "Encoder (MANGO)".	This unit is part of the LORROS MKII Camera System.
166	Kollsman	2166-5040-00	Interface Unit	(b) (4)	1	(b) (4)	Part of LORROS MKII Camera System.	This unit is part of the LORROS MKII Camera System.
167	Kollsman	2166-3000-00	Power Interface Box	(b) (4)	1	(b) (4)	Part of LORROS MKII Camera System. Updated name from "Power Interface Unit" to "Power Interface Box".	This unit is part of the LORROS MKII Camera System.
168	Kollsman	2166-5070-00	Mux & Stabilizer Unit	(b) (4)	1	(b) (4)	Part of LORROS MKII Camera System. Added part number and updated name from "Comm 7 video Mux" to "Mux & Stabilizer Unit".	This unit is part of the LORROS MKII Camera System.
169	Kollsman	2166-4100-00	RSS Cables SBI	(b) (4)	1	(b) (4)	Part of LORROS MKII Camera System.	This unit is part of the LORROS MKII Camera System.
170	TBD	Catalyst 3750 24 10/100 PoE +2 SFP Enhanced Image (Network Sw)	Cisco C3750-24PS-E	(b) (4)	1	(b) (4)	COTS item.	Supplier pricing based on internet search in the April timeframe. Differences from Researched price likely due to price changes/fluctuations. (Variation between lowest & highest researched price - \$4,379 to \$6935 - is quite large.)
171	TBD	WS-C3560G24TS-S	Cisco 3560 - 24 Switch	(b) (4)	1	(b) (4)	COTS item.	Pricing recommended by Acquisition Division in e-mail dtd. 9/27/2007
172	TBD	2821 w/ AC PWR,2GE,4HWICs,3PVD M,1NME-X,2AIM,IP BASE,64F/256D	Cisco 2821 Router FOB config	(b) (4)	1	(b) (4)	COTS item. Router - FOB Configuration	Researched and supplier costs within 2%.
173	TBD	S28NAISK9-12411XJ	Cisco 2800 ADVANCED IP SERVICES	(b) (4)	1	(b) (4)	Option for Router - FOB Configuration	
174	TBD	AIM-VPN/EPII-PLUS	DES/3DES/AES VPN Encryption/Compression	(b) (4)	1	(b) (4)	Option for Router - FOB Configuration	
175	TBD	PWR-2821-51-AC	Cisco 2821/51 AC power supply	(b) (4)	1	(b) (4)	Option for Router - FOB Configuration	
176	TBD	CAB-AC	Power Cord,110V	(b) (4)	1	(b) (4)	Option for Router - FOB Configuration	
177	TBD	ROUTER-SDM	Device manager for routers	(b) (4)	1	(b) (4)	Option for Router - FOB Configuration	
178	TBD	MEM2800-256D-INC	256MB DDR DRAM Memory factory default for the Cisco 2800	(b) (4)	1	(b) (4)	Option for Router - FOB Configuration	
179	TBD	MEM2800-64CF-INC	64MB CF default for Cisco 2800 Series	(b) (4)	1	(b) (4)	Option for Router - FOB Configuration	
180	TBD	2821 w/ AC PWR,2GE,4HWICs,3PVD M,1NME-X,2AIM,IP BASE,64F/256D	Cisco 2821 Router C3/iMR config	(b) (4)	1	(b) (4)	COTS item. Router - C3/iMR Configuration	
181	TBD	S28NAISK9-12411XJ	Cisco 2800 ADVANCED IP SERVICES	(b) (4)	1	(b) (4)	Option for Router - C3/iMR Configuration	

Item Ref #	Supplier	Part Number	Description	U/P	Recommended Number of Spares	Spares Cost (1 year)	Comments	Pricing Comments
182	TBD	MEM2821-256U512D	256 to 512MB DDR DRAM factory upgrade for the Cisco 2821	(b) (4)	1	(b) (4)	Option for Router - C3/IMR Configuration	
183	TBD	MAX-28/38-FLASH-BN	Maximum Compact and USB Flash	(b) (4)	1	(b) (4)	Option for Router - C3/IMR Configuration	
184	TBD	PVDM2-16	16-Channel Packet Voice/Fax DSP Module	(b) (4)	1	(b) (4)	Option for Router - C3/IMR Configuration	
185	TBD	VIC2-2E/M	Two-port Voice Interface Card - EandM	(b) (4)	1	(b) (4)	Option for Router - C3/IMR Configuration	
186	TBD	VIC2-4FXO	Four-port Voice Interface Card - FXO (Universal)	(b) (4)	1	(b) (4)	Option for Router - C3/IMR Configuration	
187	TBD	AIM-VPN/EPII-PLUS	DES/3DES/AES VPN Encryption/Compression	(b) (4)	1	(b) (4)	Option for Router - C3/IMR Configuration	
188	TBD	FL-CCME-SMALL	Cisco Call Manager Express Feature License For Up To 24 Users	(b) (4)	1	(b) (4)	Option for Router - C3/IMR Configuration	
189	TBD	MEM2800-64U256CF	64 to 256 MB CF Factory Upgrade for Cisco 2800 Series	(b) (4)	1	(b) (4)	Option for Router - C3/IMR Configuration	
190	TBD	MEMUSB-256FT	256MB USB Flash Token for Cisco 1800/2800/3800 series	(b) (4)	1	(b) (4)	Option for Router - C3/IMR Configuration	
191	TBD	PWR-2821-51-AC	Cisco 2821/51 AC power supply	(b) (4)	1	(b) (4)	Option for Router - C3/IMR Configuration	
192	TBD	CAB-AC	Power Cord, 110V	(b) (4)	1	(b) (4)	Option for Router - C3/IMR Configuration	
193	TBD	ROUTER-SDM	Device manager for routers	(b) (4)	1	(b) (4)	Option for Router - C3/IMR Configuration	
194	TBD	PE 1950	Dell 1950 Server; - Dual Core Xeon Processor 5160 4MB Cache, 3.00GHz, 1333MHz FSB, PE 1950 (222-3383) - Dual Core Xeon 2nd Processor 5160, 4MB Cache, 3.00GHz 1333MHz FSB, PE 1950 (311-6212) - 4GB 667MHz (4X1GB), Dual Ranked Fully Buffered DIMMs (311-6154) - Riser with 2 PCI-X Slots (3 Volts) for PowerEdge 1950 (320-4816) - 146GB, SAS, 3.5-inch 10K RPM Hard Drive (341-3030) - PERC 5/i, Integrated Controller Card (341-3094) - Windows Server 2003 R2 Standard x64 Edition, Includes 5 CALs (420-5798) - 8X DVD-ROM for PowerEdge 1950 (313-4310) - 146GB, SAS, 3.5-inch 10K RPM Hard Drive (341-3030) - Integrated SAS/SATA RAID 1 PERC 5/i Integrated (341-3084) - Rack Chassis with Static RapidRails (341-3091)	(b) (4)	1	(b) (4)	COTS item. Added detailed options list.	

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Item Ref #	Supplier	Part Number	Description	U/P	Recommended Number of Spares	Spares Cost (1 year)	Comments	Pricing Comments
195	TBD	IX325-01G	Itronix Duo-Touch with WFI and 1024 MB memory, Bluetooth	(b) (4)	1	(b) (4)	COTS item.	Pricing recommended by Acquisition Division in e-mail dtd. 9/27/2007
196	TBD	CX-2G10-146	San Hard Drive - FC 146GB 10K 520B 2GB	(b) (4)	1	(b) (4)	COTS item.	
197	TBD	CX-2G10-300	San Hard Drive - 300GB FCL 10K 2GB	(b) (4)	1	(b) (4)	COTS item.	
198	TBD	C6568B010BLUBTL	Meridian Cables/Label blue 10' Cat 6 P/C Booted	(b) (4)	1	(b) (4)	COTS item.	
				Total				