



Amendment Approval Form

Contract Between:

Northrop Grumman Systems Corporation
7575 Colshire Drive
McLean, VA 22102-7508

and

The Commonwealth of Virginia
11751 Meadowville Lane
Chester, VA 23836

Contract Number	VA-051114-NG
Amendment Number	92
Description of Contract Change – Provide a brief description of contract change	The Network Performance SLA in Table 8 of Appendix 8 to Schedule 3.3 for Packet Delivery Loss is changed so that the Performance Target is 0.5% and the Minimum Performance is 97%. The formula and Measurement Tool are also changed.
Section(s) of CIA Referenced – Identify section(s) of CIA modified, including Attachments and Schedules	Table 8 of Appendix 8 to Schedule 3.3 (Data Network SOW).

This is Amendment No. 92 to the Comprehensive Infrastructure Agreement between the Commonwealth and Vendor originally dated as of November 14, 2005 and as subsequently amended (hereinafter, "Amendment No. 92"). The Commonwealth and Vendor have agreed to modify the Comprehensive Infrastructure Agreement as set forth below. Except as expressly modified in Amendment No. 92, the terms and conditions of the Agreement shall remain in full force and effect. Capitalized terms used but not defined in Amendment No. 92 shall have the meanings assigned to them in the Agreement. Amendment No. 92 is effective as of September 1, 2013.

1. In Appendix 8 to Schedule 3.3 (Data Network SOW), Table 8 is deleted in its entirety and replaced with the following:

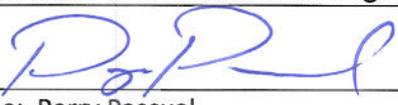
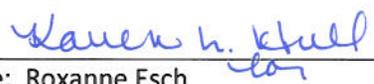
"Table 8. Network Performance Service Levels

Definition	Network Performance includes the ability of the Network components to deliver data timely and accurately. All performance criteria are to be measured on a per circuit and component basis– criteria is not to be aggregated and averaged for all circuits and Network components.
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Network Performance Service Level Requirements				
Performance Credit	Performance Type Per Circuit	Service Measure	Performance Target	Minimum Performance %
\$5,750 per month	Network Transit Delay	Elapsed Time – round trip transit delay from ingress and egress across the WAN.	< 80 ms	98%
\$5,750 per month	Packet Delivery Rate (excluding dialup service)	Rate of successful packet transmission	PDL ≤ 0.5%	PDR ≥ 97%
		Formula – Network Transit Delay	NTD = t2 – t1 Where: t1 is the time when a packet leaves the ingress premise, and t2 is the times when the packet arrives at the egress premise	
		Formula – Packet Delivery Rate	Packet Delivery Rate (PDR) (%) = 1 minus PDL Where: PDL (or Packet Delivery Loss) = (Inbound Error Packets + Inbound Discarded Packets) ÷ Total Packets Sent	
		Measurement Interval	Monitor continuously, measure monthly, report monthly	
		Measurement Tool	SNMP Based monitoring tool or other support tools"	

SIGNATURES APPEAR ON THE NEXT PAGE

The Parties have executed this Amendment No. 92 on the dates indicated below.

VITA for the Commonwealth of Virginia	Northrop Grumman Systems Corporation
By: 	By: 
Name: Perry Pascual	Name: Roxanne Esch
Contract Manager	Director, Contracts
Date: 10/1/2013	Date: 25 Sept 2013