

STATE OF CALIFORNIA
STANDARD AGREEMENT AMENDMENT
 STD. 213 A (Rev 2/12)

CHECK HERE IF ADDITIONAL PAGES ARE ATTACHED

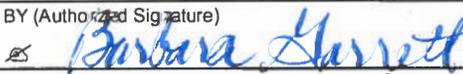
1,050 Pages

AGREEMENT NUMBER	AMENDMENT NUMBER
IFB STPD 12-001-B, C3-B-12-10-TS-01	1
REGISTRATION NUMBER	

1. This Agreement is entered into between the State Agency and Contractor named below:
STATE AGENCY'S NAME
 California Department of Technology
CONTRACTOR'S NAME
 AT&T Corporation
2. The term of this Agreement is 4/01/2014 through 6/30/2018
3. The maximum amount of this agreement after this amendment is: \$0.00
4. The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein:
 - A. Changes State signature on original STD 213 dated (April 1, 2014)
 From: Steve Rushing – Statewide Telecommunications and Network Division (STND)
 To: Barbara Garrett – Statewide Telecommunications and Network Division (STND)
 - B. Adds:
 - **Attachment 1:** Revisions to Volume 2, Response to Unique Subcategory Requirements for Categories/Sub-Categories 2, 3, 4.2, 5, 6.1, and 7 (735 Pages)
 - **Attachment 2:** Revisions to Volume 3, Cost Information, SOW Catalog A for Categories/Sub-Categories 2, 3, 4.2, 5, 6.1, and 7 (214 Pages)
 - **Attachment 3:** Revisions to IFB-B STPD 12-001-B, General Instructions, Amendment #1, dated 12/9/2014 (101 Pages)

(All other terms and conditions of the original agreement shall remain the same.)

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CONTRACTOR	CALIFORNIA DEPARTMENT OF TECHNOLOGY Use Only
<small>CONTRACTOR'S NAME (If other than an individual, state whether a corporation, partnership, etc.)</small>	
AT&T Corporation	
<small>BY (Authorized Signature)</small> 	<small>DATE SIGNED (Do not type)</small> 02-03-2015
<small>PRINTED NAME AND TITLE OF PERSON SIGNING</small>	
Keith Nagel, CALNET Program Manager	
<small>ADDRESS</small>	
2700 Watt Avenue, Rm. 1213-A, Sacramento, 95821	
STATE OF CALIFORNIA	
<small>AGENCY NAME</small>	
California Department of Technology	
<small>BY (Authorized Signature)</small> 	<small>DATE SIGNED (Do not type)</small> 02-10-2015
<small>PRINTED NAME AND TITLE OF PERSON SIGNING</small>	
Barbara Garrett, Deputy Director, Office of Technology Services - STND	
<small>ADDRESS</small>	
P.O. Box 1810, MS Y-13, Rancho Cordova, CA 95741-1810	
<input type="checkbox"/> Exempt per:	

APPROVED
 6/22/15
 Blair E. Tibbels



CALIFORNIA DEPARTMENT OF TECHNOLOGY
Statewide Telecommunication and Network Division
 10860 Gold Center Drive
 Rancho Cordova, CA 95670

Carlos Ramos
 Director

DATE: June 19, 2015,

RE: Notice of Amendment #1 to IFB STPD 12-001-B

TO: AT&T Corporation

The revisions in this Amendment #1 Summary have been made to the Part 1 – General Instructions. AT&T should replace the previous file with the most current marked as Amendment #1 and is cautioned to carefully inspect it in order to identify every detailed change.

Amendment #1 Summary

IFB STPD 12-001-B – Part 1 – General Instructions

Change #	Page #	Section/Table/Reference	Change Summary
1.	Cover Page	Cover Page	Revised: Addendum 7, January 31, 2014 to Amendment #1, December 9, 2014
2.	iii-vi	Table of Contents	Added Attachment 12 – Individual Price Reduction (IPRN) (1 of 6)...87-92 – page vi and updated the TOC.
3.	31	Paragraph's	Typo error in Term, "Figure 1" struck and put back in twice.
4.	i-95	Footer	Revised: Rev.01/31/14 to 12/9/14, Addendum 7 to Amendment #1
5.	73	Section 6/Attachment 12	Added Attachment 12 – Individual Price Reduction Notification (IPRN) to this Section. Inserted a blank page prior on page 72.
6.	87-92	Individual Price Reduction Notification (IPR)	Modified IPR language throughout document from page 89 to page 92.

STATE OF CALIFORNIA
STANDARD AGREEMENT AMENDMENT
 STD. 213 A (Rev 2/12)

CHECK HERE IF ADDITIONAL PAGES ARE ATTACHED

130 Pages

AGREEMENT NUMBER	AMENDMENT NUMBER
IFB STPD 12-001-B, C3-B-12-10-TS-01	2
REGISTRATION NUMBER	

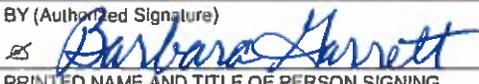
- This Agreement is entered into between the State Agency and Contractor named below:
 STATE AGENCY'S NAME
 California Department of Technology
 CONTRACTOR'S NAME
 AT&T Corporation
- The term of this Agreement is 4/01/2014 through 6/30/2018
- The maximum amount of this agreement after this amendment is: \$0.00
- The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein:

A. Effective upon signature of both parties and approval by STPD Amendment #2 incorporates the following changes:

- Attachment 1:** Revisions to Subcategory 6.1, Volume 2, Response to Unique Subcategory Requirements (109 pages)
- Attachment 2:** Revisions to Subcategory 6.1, Volume 3, Cost Information, SOW Catalog A (21 pages)

(All other terms and conditions of the original agreement shall remain the same.)

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CONTRACTOR		CALIFORNIA DEPARTMENT OF TECHNOLOGY Use Only <div style="font-size: 2em; font-weight: bold; text-align: center;">APPROVED</div> <div style="font-size: 1.5em; text-align: center;">6/24/15</div> <div style="font-size: 1.2em; text-align: center;">John E. Fulford</div>
CONTRACTOR'S NAME (If other than an individual, state whether a corporation, partnership, etc.)		
AT&T Corporation		
BY (Authorized Signature)	DATE SIGNED (Do not type)	
	June 23, 15	
PRINTED NAME AND TITLE OF PERSON SIGNING		
Keith Nagel, CALNET Program Manager		
ADDRESS		
2700 Watt Avenue, Rm. 1213-A, Sacramento, 95821		
STATE OF CALIFORNIA		
AGENCY NAME		
California Department of Technology		
BY (Authorized Signature)	DATE SIGNED (Do not type)	
	6/23/15	
PRINTED NAME AND TITLE OF PERSON SIGNING		
Barbara Garrett, Deputy Director, Office of Technology Services - STND		
ADDRESS		
P.O. Box 1810, MS Y-13, Rancho Cordova, CA 95741-1810		
		<input type="checkbox"/> Exempt per:



CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #2, Rev. June 11, 2015

Amendment Summary: IFB-B Amendment #2

Subcategory 6.1: Hosted IVR/ACD





CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #2, Rev. June 11, 2015

This Modification No. 2 (“Modification”) by and between AT&T Corp. (“AT&T”) (“Contractor”) and the State of California (“State”) is effective upon execution by the parties (“Effective Date”).

WHEREAS, AT&T and State entered into the Agreement for Voice and Data Services (“Agreement”) on April 1, 2014;

WHEREAS, the parties now desire to modify the Agreement.

NOW THEREFORE, the parties, in consideration of the mutual covenants contained herein and intending to be legally bound, agree that the Agreement is modified as follows:

1. Subcategory 6.1 – Hosted IVR/ACD, Volume 2, Response to Unique Subcategory Requirements, SOW Technical Requirements Response, has been modified to include the following:
 - Cover Page updated to correct “STPB” to “STPD” and to modify Amendment Number and Revision Date, cover page;
 - Table of Contents repagination, pages i-ii;
 - Header updated to modify Amendment Number and Revision Date, pages i-105;
 - Exhibit 8: Contractor’s License Information has been modified delete **C-10** license and add **Class B** license and to reflect new license expiration dates for Pacific Bell Telephone Company from “**3/31/2015**” to “**3/31/2017**”, page 3;
 - Exhibit 12: GSPD 05-105 Bidder page has been modified to correct spelling error, “**AT&**” was changed to “**AT&T**”, page 12;
 - Inserted form GSPD 05-105 Bidder Declaration, to include subcontractor CenturyLink, page 13; and
 - Corrected Table section number **6.1.2.2b** to **6.1.2.2.b** (missing period before b), page 53.

Replacement pages are attached hereto for insertion in the Agreement and are identified with the following statement: “Amendment #2, Rev. June 11, 2015”

2. Subcategory 6.1 – Hosted IVR/ACD, Volume 3, Cost Information, SOW Catalog A, has been modified to include the following:
 - Cover Page updated to correct “STPB” to “STPD” and to modify Amendment Number and Revision Date, cover page;
 - Deleted header row **A through I** on the following tables, per STND’s requested format changes:
 - 6.1.2.2, page 2;
 - 6.1.2.3.7.1, page 5;
 - 6.1.2.3.7.2, page 8;
 - 6.1.2.3.7.3, page 10; and
 - 6.1.2.4, page 11.
 - Requested by STND to modify product tables to enable header rows of **Section Number** and **Section Name** and row of **Line Item #, Feature Name, Contractor’s Product Identifier, Feature Description, Feature Restrictions, Limitations and additional**



CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #2, Rev. June 11, 2015

Information, Non-Recurring Charge per item, Monthly Recurring Charge/item per unit, Unit of Measure and Change Charge per Item, to repeat on every page when a single table rolls to multiple pages, pages 2-16.

- MS Word tables can only recognize the top consecutive rows in a table as the table header to repeat across multiple pages. In order to accomplish this request the product tables had to be broken into 2 separate tables. One table for the Contractor's Summary description of service, Geographic Availability, Service limitations and Restrictions and Change Charge Applicability. Then a separate table for the actual products and pricing. The Section Number and Name was inserted above the product and pricing table so that those top 2 consecutive rows could be made as the repeating header rows across multiple pages.

Replacement pages are attached hereto for insertion in the Agreement and are identified with the following statement: "Amendment #2, Rev. June 11, 2015"

Except as modified by this Amendment, all of the terms and conditions of the Agreement shall remain in full force and effect in accordance with their terms.

STATE OF CALIFORNIA
STANDARD AGREEMENT AMENDMENT
 STD. 213 A (Rev 2/12)

CHECK HERE IF ADDITIONAL PAGES ARE ATTACHED

146 Pages

AGREEMENT NUMBER	AMENDMENT NUMBER 3
IFB STPD 12-001-B, C3-B-12-10-TS-01	
REGISTRATION NUMBER	

1. This Agreement is entered into between the State Agency and Contractor named below:

<small>STATE AGENCY'S NAME</small>	California Department of Technology
<small>CONTRACTOR'S NAME</small>	AT&T Corporation
2. The term of this Agreement is 04/01/2014 through 6/30/2018
3. The maximum amount of this agreement after this amendment is: \$0.00
4. The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein:
 - A. This Amendment incorporates the following changes,

Subject CALNET 3, IFB STPD 12-001-B, Subcategory 6.1 : Hosted IVR/ACD Services (AT&T)

 1. Attachment 1: IFB STPD 12-001-B – Volume 2 - Response to Unique Category or Subcategory, SOW Technical Requirements Response (121 pages)
 2. Attachment 2: IFB STPD 12-001-B - Volume 3 – Cost Information, SOW Catalog A (24 Pages)

(All other terms and conditions of the original agreement shall remain the same.)

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CONTRACTOR		CALIFORNIA DEPARTMENT OF TECHNOLOGY Use Only <i>Approved</i> <i>MEL</i> <i>5/18/16</i>
<small>CONTRACTOR'S NAME (If other than an individual, state whether a corporation, partnership, etc.)</small>		
AT&T Corporation		
<small>BY (Authorized Signature)</small>	<small>DATE SIGNED (Do not type)</small>	
<i>[Signature]</i>	4-27-16	
<small>PRINTED NAME AND TITLE OF PERSON SIGNING</small>		
Keith Nagel, CALNET Program Manager		
<small>ADDRESS</small>		
2700 Watt Avenue, Rm. 1213A, Sacramento, 95821		
STATE OF CALIFORNIA		
<small>AGENCY NAME</small>		
California Department of Technology		
<small>BY (Authorized Signature)</small>	<small>DATE SIGNED (Do not type)</small>	
<i>[Signature]</i>	5/2/16	
<small>PRINTED NAME AND TITLE OF PERSON SIGNING</small>		
Barbara Garrett, Deputy Director, Office of Technology Services - STND		
<small>ADDRESS</small>		
P.O. Box 1810, MS Y-13, Rancho Cordova, CA 95741-1810		
		<input type="checkbox"/> Exempt per:



CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #3, Rev. April 20, 2016

Amendment Summary: IFB-B Amendment #3

Subcategory 6.1: Hosted IVR/ACD





CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #3, Rev. April 20, 2016

This Modification No. 3 (“Modification”) by and between AT&T Corp. (“AT&T”) (“Contractor”) and the State of California (“State”) is effective upon execution by the parties (“Effective Date”).

WHEREAS, AT&T and State entered into the Agreement for Voice and Data Services (“Agreement”) on April 1, 2014;

WHEREAS, the parties now desire to modify the Agreement.

NOW THEREFORE, the parties, in consideration of the mutual covenants contained herein and intending to be legally bound, agree that the Agreement is modified as follows:

1. Subcategory 6.1 – Hosted IVR/ACD, Volume 2, Response to Unique Subcategory Requirements, SOW Technical Requirements Response, has been modified to include the following:

- Cover Page, updated to modify Amendment Number and Revision Date;
- Page i, Table of Contents repagination;
- Pages i-117, Header updated to modify Amendment Number and Revision Date;
- Page 23, 6.1.2.1, NBCC General Requirements, modified Description response;
- Page 25, 6.1.2.1, modified Geographic Diversity response;
- Page 26, 6.1.2.1, modified Framework Layer response;
- Pages 34-39, inserted diagrams for CenturyLink Network Based Call Center services;
- Table 6.1.2.2.b, Unsolicited NBCC General Features, added the following items:
 - Page 61, item #3, Application Subscription Server;
 - Page 61, item #4, Display Board Adapter;
 - Page 61, item #5, Analog Access Connection;
 - Page 61, item #6, Cross Connection for Transport; and
 - Page 61, item #7, Cross Connect Extension.
- Page 85, 6.1.2.4.1, Network Based, modified Description response;
- Page 87, 6.1.2.4.5, WAS Hosting, modified Description response;
- Table 6.1.2.4.b, Unsolicited NBIVR Services and Features, added the following items:
 - Page 99, item #34, IVR Speech Module;
 - Page 100, item #35, Overflow Protection;
 - Page 100, item #36, Notify Monthly Service Fee;
 - Page 100, item #37, Notify Voice Message Delivery Fee;
 - Page 100, item #38, Notify Bridging Fee;
 - Page 101, item #39, Notify Fax Message Delivery Fee;
 - Page 101, item #40, Notify Email Message Delivery Fee;
 - Page 101, item #41, Notify SMS Message Delivery Fee;
 - Page 101, item #42, Notify Short Code Set-up Fee;
 - Page 101, item #43, Notify Random Short Code Fee;
 - Page 102, item #44, Notify Vanity Short Code Fee;
 - Page 102, item #45, Notify Single Tenant Hosting;
 - Page 102, item #46, Notify Single Tenant Hosting;
 - Page 102, item #47, Review and Redesign of existing IVR applications;



CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #3, Rev. April 20, 2016

- Page 102, item #48, IVR Voice Prompt Translation and Recording; and
- Page 103, item #49, Targus Look Up.

Replacement pages are attached hereto for insertion in the Agreement and are identified with the following statement: “Amendment #3, Rev. April 20, 2016”

2. Subcategory 6.1 – Hosted IVR/ACD, Volume 3, Cost Information, SOW Catalog A, has been modified to include the following:

- Cover Page, updated to modify Amendment Number and Revision Date;
- Pages i-20, Header updated to modify Amendment Number and Revision Date;
- Page 2, table 6.1.2.2, Network Based Contact Center (NBCC) General Features, modified Description of Service;
- Page 2, table 6.1.2.2, modified Geographic Availability response;
- Table 6.1.2.2, Network Based Contact Center (NBCC) General Features, added the following items:
 - Page 4, item #16, Application Subscription Server;
 - Page 4, item #17, Display Board Adapter;
 - Page 4, item #18, Analog Access Connection;
 - Page 4, item #19, Cross Connection for Transport; and
 - Page 4, item #20, Cross Connect Extension.
- Page 11, table 6.1.2.4, Network Based Interactive Voice Response (NBIVR) Services and Features, modified Geographic Availability response;
- Table 6.1.2.4, Network Based Interactive Voice Response (NBIVR) Services and Features, added the following items:
 - Page 16, item #37, IVR Speech Module;
 - Page 16, item #38, Overflow Protection;
 - Page 16, item #39, Notify Monthly Service Fee;
 - Page 16, item #40, Notify Voice Message Delivery Fee;
 - Page 17, item #41, Notify Bridging Fee;
 - Page 17, item #42, Notify Fax Message Delivery Fee;
 - Page 17, item #43, Notify Email Message Delivery Fee;
 - Page 17, item #44, Notify SMS Message Delivery Fee;
 - Page 18, item #45, Notify Short Code Set-up Fee;
 - Page 18, item #46, Notify Random Short Code Fee;
 - Page 18, item #47, Notify Vanity Short Code Fee;
 - Page 18, item #48, Notify Single Tenant Hosting;
 - Page 19, item #49, Notify Single Tenant Hosting;
 - Page 19, item #50, Review and Redesign of existing IVR applications;
 - Page 19, item #51, IVR Voice Prompt Translation and Recording; and
 - Page 19, item #52, Targus Look Up.

Replacement pages are attached hereto for insertion in the Agreement and are identified with the following statement: “Amendment #3, Rev. April 20, 2016”

Except as modified by this Amendment, all of the terms and conditions of the Agreement shall remain in full force and effect in accordance with their terms.

STATE OF CALIFORNIA
STANDARD AGREEMENT AMENDMENT
 STD. 213 A (Rev 2/12)

CHECK HERE IF ADDITIONAL PAGES ARE ATTACHED

181 Pages

AGREEMENT NUMBER	AMENDMENT NUMBER
IFB STPD 12-001-B, C3-B-12-10-TS-01	4
REGISTRATION NUMBER	

1. This Agreement is entered into between the State Agency and Contractor named below:

STATE AGENCY'S NAME	California Department of Technology
CONTRACTOR'S NAME	AT&T Corporation
2. The term of this Agreement is 04/01/2014 through 6/30/2018
3. The maximum amount of this agreement after this amendment is: \$0.00
4. The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein.
 - A. This Administrative Amendment incorporates the following changes, Subject CALNET 3, IFB STPD 12-001-B, Categories 2 - 7 (AT&T)
 1. Attachment 1: IFB STPD 12-001-B – Volume 1 - Response to Common Requirements. (180 pages)

(All other terms and conditions of the original agreement shall remain the same.)

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CONTRACTOR		CALIFORNIA DEPARTMENT OF TECHNOLOGY Use Only <i>Approved BY Jares 6 DEC 2016</i>
CONTRACTOR'S NAME (If other than an individual, state whether a corporation, partnership, etc.)		
AT&T Corporation		
BY (Authorized Signature) <i>[Signature]</i>	DATE SIGNED (Do not type) 11.10.16	
PRINTED NAME AND TITLE OF PERSON SIGNING Keith Nagel, CALNET Program Manager		
ADDRESS 2700 Watt Avenue, Rm. 1213A, Sacramento, 95821		
STATE OF CALIFORNIA		<input type="checkbox"/> Exempt per:
AGENCY NAME California Department of Technology		
BY (Authorized Signature) <i>[Signature]</i>	DATE SIGNED (Do not type) 11/17/16	
PRINTED NAME AND TITLE OF PERSON SIGNING Barbara Garrett, Deputy Director, Office of Technology Services - STND		
ADDRESS P.O. Box 1810, MS Y-13, Rancho Cordova, CA 95741-1810		



CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #4, Rev. October 7, 2016

Amendment Summary: IFB-B Amendment #4

Volume 1: Response to Common Business Requirements





CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #4, Rev. October 7, 2016

This Modification No. 4 (“Modification”) by and between AT&T Corp. (“AT&T”) (“Contractor”) and the State of California (“State”) is effective upon execution by the parties (“Effective Date”).

WHEREAS, AT&T and State entered into the Agreement for Voice and Data Services (“Agreement”) on April 1, 2014;

WHEREAS, the parties now desire to modify the Agreement.

NOW THEREFORE, the parties, in consideration of the mutual covenants contained herein and intending to be legally bound, agree that the Agreement is modified as follows:

1. IFB STPD 12-001-B, Volume 1, Response to Common Business Requirements, has been modified to include the following:

- Cover Page, updated to remove (BAFO) and modify Amendment Number and Revision Date;
- Pages i-180, Footer updated to modify Amendment Number and Revision Date;
- Removed hard returns throughout document to clean-up formatting;
- Section B.4.6 Service Catalog Text File, updated as follows:
 - Page 41, modified language as follows:
 - Added “, and shall include both Catalog A and Catalog B pricing.” to the end of the 1st paragraph;
 - Replaced “Service” with “Amended” in the 3rd line of the 3rd paragraph;
 - Added “text”, removed “that are triggered by amendments” and replaced “service” with “catalog” in the 4th line of the 3rd paragraph;
 - Added “initial” to read as, “The initial Service Catalog text files shall follow the specifications described below.”;
 - Removed, “, and intermittent files thereafter.” from item #2 in list;
 - Added new field to C3SRVCATA1 text file, “#3, Section Number”; and
 - Renumbered Field Order of C3SRVCATA1 text file.
 - Pages 42-44, modified language as follows:
 - Added new fields to C3SRVCATA2 text file, “#3, Section Number”, “#5, Subservice Type”, “#6, Line Item Number”, “#16, Customer MRC”, “#17, Customer MRC Description”, “#21, Delegation Required”, and “#22, Required or Discretionary”;
 - Removed field “#8, Transport Type” from C3SRVCATA2 text file;
 - Renumbered Field Order of C3SRVCATA2 text file; and
 - Added new reporting requirements for 2 new monthly reports, Amended Catalog Text Files, C3AMDCATA1 and C3AMDCATA2.
- Section B.8 Inventory and Fiscal Management, updated as follows:
 - Page 67, Item #18, added “(Sections B.4, B.8, B.9 & B.10).” to the requirement.
- Section B.8.1 Moves, Adds, Changes and Deletes Fiscal Text File, updated as follows:
 - Pages 68-69, modified language as follows:
 - Added new fields to C3MSRVMACD text file, “#18, Section Number”, “#25, Node”, and “#30, SP Tracking Number”;



CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #4, Rev. October 7, 2016

- Changed POP requirement from R to A on items #7, #33, #35, #36 and #37; and
- Renumbered Field Order of C3MSRVMACD text file.
- Section B.8.2 Fiscal Inventory Text File, updated as follows:
 - Pages 69-70, modified language as follows:
 - Removed “all Contractor’s CALNET 3 Product IDs, including both” and “that are being billed and provide volume of usage statistics” from the 1st paragraph;
 - Added “each Customer’s contracted” and “and provide current quantities and service location information. For quantities that are usage based, the quantity reported shall represent the total usage for the month being reported.”, and “Contractor’s” in the 1st paragraph;
 - Added new fields to C3MFISCINV text file, “#5, BAN”, “#6, SR Number”, “#9, Section Number”, “#17, Node”, “#19, Unit of Measure”, “#20, Contract NRC”, “#23, SP Tracking Number”, and “#26 - #35, Customer Service *fields*”;
 - Removed fields “#19-#24, Total *fields*”; and
 - Renumbered Field Order of C3MFISCINV text file.
- Section B.8.3 Services Billed Text File, updated as follows:
 - Pages 71-73, modified language as follows:
 - Added new fields to C3MSRVBILL text file, “#6, Customer Billing Name”, “#13, Section Number”, “#21 - #30, Customer Service *fields*”, “#40, SP Tracking Number”, “#43, Prorated Admin Fee”, and “#50, Total Prorated Admin Fee”; and
 - Renumbered Field Order of C3MSRVBILL text file.
- Section B.8.3.1 Services Billed Tax Detail Text File, updated as follows:
 - Pages 73-74, modified language as follows:
 - Added new fields to C3MSRVTAX text file, “#1, Service Month”, “#2, Category”, “#3, Subcategory”, and “#4, Invoice Number”; and
 - Renumbered Field Order of C3MSRVTAX text file.
- Section B.8.5 Administrative Fee by Services Text File, updated as follows:
 - Pages 74-75, modified language as follows:
 - Added “Only services that are CALNET 3 contracted items (i.e., CALNET 3 flag = “Y”) shall be included on this report” to the 1st paragraph; and
 - Removed field “#9, Admin Fee” and renumbered field order of C3ADMNFEE text file.
- Section B.8.6 Trouble Ticket and Provisioning/SLA Fiscal Text File, updated as follows:
 - Pages 75-76, modified language as follows:
 - Renamed fields in C3MTRTKSLA text file, “#1, from Ticket Number to Service Month” and changed Pop requirement from “A” to “R”, “#22, from Ticket Close Date to Restore Date”, “#23, from Ticket Close Time to Restore Time”, “#25 from Total SLA Credits to R&R%” and changed Pop requirement from “R” to “A”, “#26, from Service Type to SR Number” and changed Pop requirement from “R” to “A”, “#27, from SLA to Change Date” and change Pop requirement from “R” to “A”, “#28, from Circuit ID to Change Type”, “#29, from WTN to Days PD”,



- “#31, from Days PD to Total SLA Credits”; **and changed Pop requirement from “A” to “R”**
- Added new fields, “#2, BAN”, “#3, BTN”, “#4, Invoice Number”, “#5, Invoice Date”, “#10, SLA”, “#11, Service Type”, “#12, Feature Name”, “#13, Product ID”, “#14, Quantity”, “#15, Circuit ID”, “#16, WTN”, “#17, Ticket Number”;
 - Removed fields, “SR Number” and “Change Date”; and
 - Renumbered field order of C3 MTRTKSLA text file.
- Section B.10.2.3 Transition-In Status Report, updated as follows:
 - Page 96, modified language as follows:
 - Added new fields to the Transition-In Status Report, “#17, CALNET 2 Product ID”, “#19, WTN”, “#20, BTN”, and “#21, Node”;
 - Renumbered field order of Transition-In Status Report.
 - Section Appendix B, Data Dictionary, updated as follows:
 - Pages 135-147, modified language as follows:
 - Added “#1, Action”, “#11, Amendment Number”, “#38, Customer Billing Name”, “#45, Customer MRC Description”, “#60, Delegation Required”, “#65, Effective Date”, “#81, Line Item Number”, “#91, Prorated Admin Fee”, “#102, Required or Discretionary”, “#107, Section Number”, “#116, SP Tracking Number”, “#123, Subservice Type”, “#149, Total prorated Admin Fee”;
 - Item #7 – Added “(varies 2 to 4 digit decimal)” to the Format column;
 - Item #8 – Changed “50” to “500” char max in the Format column;
 - Item #9 – Added “(varies 2 to 4 digit decimal)” to the Format column;
 - Item #10 – Changed “0.0%” to “0.00%” in the Format column;
 - Items #12 & #13 – Changed “40” to “50” char max in the Format column;
 - Item #15 – Changed “25” to “75” char max in the Format column;
 - Item #20 – Added “(varies 2 to 4 digit decimal)” to the Format column;
 - Item #21 – Added “2000 char max” to the Format column;
 - Item #22 – Changed “20” to “1000” char max” in the Format column;
 - Item #25 – Changed “30” to “100” char max in the Format column;
 - Item #27 – Added “(varies 2 to 4 digit decimal)” to the Format column;
 - Item #28 – Added “as defined in Catalog A” to the Data Field Definition column and changed “20” to “100” char max in the Format column;
 - Item #29 – Added “(varies 2 to 4 digit decimal)” to the Format column;
 - Item #30 – Added “value as defined in Catalog A” to the Data Field Definition column and changed “20” to “100” char max in the Format column;
 - Item #31 – Changed “20” to “100” char max” in the Format column;
 - Item #32 – Added “3 char max” to the Format column;
 - Item #34 – Added “(varies 2 to 4 digit decimal)” to the Format column;
 - Item #41 – Changed Data Type from “Text” to “Number” and changed Format from “Varies” to “99999”;
 - Item #43 – Changed “50” to “100” char max” in the Format column;



CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #4, Rev. October 7, 2016

- Item #44 – Removed “of the published Contract” from the Data Field Definition column and added “(varies 2 to 4 digit decimal)” to the Format column;
- Item #47 – Added “(varies 2 to 4 digit decimal)” to the Format column;
- Item #58 – Added “5000 char max” to the Format column;
- Item #59 – Added “10 digit max” to the Format column;
- Items #61 & #62 – Changed “50” to “100” char max” in the Format column;
- Item #68 – Added “(varies 2 to 4 digit decimal)” to the Format column;
- Item #69 – Changed “A” to “B” in the Data Field Definition column and added “5000 char max” to the Format column;
- Item #70 – Changed “250” to “500” char max in the Format column;
- Item #71 – Added “5000 char max” to the Format column;
- Item #73 – Changed “30” to “100” char max in the Format column;
- Item #74 – Added “(varies 2 to 4 digit decimal)” to the Format column;
- Item #75 – Added “5000 char max” to the Format column;
- Item #76 – Added “(varies 2 to 4 digit decimal)” to the Format column;
- Item #77 – Added “10,2 digit max” to the Format column;
- Item #82 – Added “1000 char max” to the Format column;
- Item #83 – Added “30,2 digit max” to the Format column;
- Item #84 – Added “25 digit max” to the Format column;
- Item #85 – Added “5000 char max” to the Format column;
- Item #87 – Added “20,2 digit max” to the Format column;
- Item #88 – Changed “50” to “100” char max in the Format column;
- Item #89 – Added “250 char max” in the Format column;
- Item #92 – Added “(varies 2 to 4 digit decimal)” to the Format column;
- Item #95 – Added “30,2 digit max” to the Format column;
- Item #96 – Changed “0.0%” to 0.00% in the Format column;
- Item #98 – Added “5000 char max” to the Format column;
- Item #99 – Added “5000 char max” to the Format column;
- Item #104 – Added “varies 1000 char max” to the Format column;
- Item #105 – Added “30,2 digit max” to the Format column;
- Items #108 & #109 – Changed “A” to “B” in the Data Field Definition column and added “5000 char max” to the Format column;
- Item #111 – Added “30,2 digit max” to the Format column;
- Item #112 – Changed “100” to “500” char max in the Format column;
- Item #113 – Added “100 char max” to the Format column;
- Item #119 – Changed “30” to “100” char max in the Format column;
- Item #121 – Added “200 char max” to the Format column;
- Item #122 – Updated Format column to read “3, 4, or 45 char with 45 char max (example: “6.1” or “10.2”);
- Item #128 – Added “(varies 2 to 4 digit decimal)” to the Format column;
- Item #129 – Changed “50” to “200” char max in the Format column;
- Item #130 – Added “20 digit max” to the Format column;
- Item #131 – Added “100 char max” to the Format column;
- Items #136 – #138 – Added “(varies 2 to 4 digit decimal)” to the Format column;



CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #4, Rev. October 7, 2016

- Item #139 – Added “30,2 digit max” to the Format column;
- Item #140 – Added “30 digit max” to the Format column;
- Items #141– #144 & #146 – Added “(varies 2 to 4 digit decimal)” to the Format column;
- Item #145 – Added “Prorated” to the Data Field Definition column and Added “(varies 2 to 4 digit decimal)” to the Format column;
- Item #148 – Added “30,2 digit max” to the Format column;
- Items #150 & #151 – Added “(varies 2 to 4 digit decimal)” to the Format column;
- Items #153 – #155 – Added “(varies 2 to 4 digit decimal)” to the Format column;
- Item #157 – Added “500 char max” to the Format column;
- Item #158 – Added “100 char max” to the Format column;
- Item #159 – Added “30,2 digit max” to the Format column;
- Item #160 – Added “300 char max” to the Format column; and
- Renumbered item numbers in Appendix B, Data Dictionary.

Replacement pages are attached hereto for insertion in the Agreement and are identified with the following statement: “Amendment #4, Rev. October 7, 2016”

Except as modified by this Amendment, all of the terms and conditions of the Agreement shall remain in full force and effect in accordance with their terms.

STATE OF CALIFORNIA
STANDARD AGREEMENT AMENDMENT
 STD. 213 A (Rev 2/12)

CHECK HERE IF ADDITIONAL PAGES ARE ATTACHED

25 Pages

AGREEMENT NUMBER	AMENDMENT NUMBER
IFB STPD 12-001-B, C3-B-12-10-TS-01	5
REGISTRATION NUMBER	

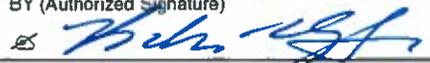
- This Agreement is entered into between the State Agency and Contractor named below:
 STATE AGENCY'S NAME
 California Department of Technology
 CONTRACTOR'S NAME
 AT&T Corporation
- The term of this Agreement is 04/01/2014 through 6/30/2018
- The maximum amount of this agreement after this amendment is: \$0.00
- The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein:

A. Effective upon signature of both parties and approved by STPD Amendment #5 incorporates the following changes to CALNET 3, IFB STPD 12-001-B, Subcategory 6.1 - Hosted IVR/ACD Services;

- Attachment 1: Revisions to Subcategory 6.1 – Hosted IVR/ACD, Volume 3 – Cost Information, SOW - Catalog A (pages 24)

(All other terms and conditions of the original agreement shall remain the same.)

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CONTRACTOR		CALIFORNIA DEPARTMENT OF TECHNOLOGY Use Only  12/16/16 <input type="checkbox"/> Exempt per:
CONTRACTOR'S NAME (If other than an individual, state whether a corporation, partnership, etc.)		
AT&T Corporation		
BY (Authorized Signature)	DATE SIGNED (Do not type)	
	11.15.16	
PRINTED NAME AND TITLE OF PERSON SIGNING		
Keith Nagel, CALNET Program Manager		
ADDRESS		
2700 Watt Avenue, Rm. 1213A, Sacramento, 95821		
STATE OF CALIFORNIA		
AGENCY NAME		
California Department of Technology		
BY (Authorized Signature)	DATE SIGNED (Do not type)	
	11/17/16	
PRINTED NAME AND TITLE OF PERSON SIGNING		
Barbara Garrett, Deputy Director, Office of Technology Services - STND		
ADDRESS		
P.O. Box 1810, MS Y-13, Rancho Cordova, CA 95741-1810		



CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #5, Rev. October 21, 2016

Amendment Summary: IFB-B Amendment #5

Subcategory 6.1: Hosted IVR/ACD Services



CALNET 3 IFB STPD 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #5, Rev. October 21, 2016

This Modification No. 5 (“Modification”) by and between AT&T Corp. (“AT&T”) (“Contractor”) and the State of California (“State”) is effective upon execution by the parties (“Effective Date”).

WHEREAS, AT&T and State entered into the Agreement for Voice and Data Services (“Agreement”) on April 1, 2014;

WHEREAS, the parties now desire to modify the Agreement.

NOW THEREFORE, the parties, in consideration of the mutual covenants contained herein and intending to be legally bound, agree that the Agreement is modified as follows:

1. Subcategory 6.1 – Hosted IVR/ACD Services, Volume 3, Cost Information, Catalog A, has been modified to include the following:
 - Cover Page, updated to modify Amendment Number and Revision Date;
 - Pages i-20, Header updated to modify Amendment Number and Revision Date;
 - **Section 6.1.2.4 - Network Based Interactive Voice Response (NBIVR) Services and Features**, Page 16, Line Item #37, Feature Name - IVR Speech Module, Product Identifier Q09330; Modified the Monthly Recurring Charge from Anew1forme to \$82.00 (please refer to Amendment #3 approved Market Analysis for Q09330 price verification).

Except as modified by this Amendment, all of the terms and conditions of the Agreement shall remain in full force and effect in accordance with their terms.

STATE OF CALIFORNIA
STANDARD AGREEMENT AMENDMENT
 STD. 213 A (Rev 2/12)

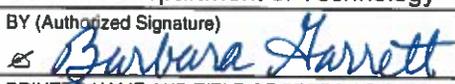
CHECK HERE IF ADDITIONAL PAGES ARE ATTACHED

913 Pages

AGREEMENT NUMBER	AMENDMENT NUMBER
IFB STPD 12-001-B, C3-B-12-10-TS-01	6
REGISTRATION NUMBER	

1. **This Agreement is entered into between the State Agency and Contractor named below:**
 STATE AGENCY'S NAME
 California Department of Technology
 CONTRACTOR'S NAME
 AT&T Corporation
2. The term of this Agreement is 04/01/2014 through 6/30/2018
3. The maximum amount of this agreement after this amendment is: \$0.00
4. The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein:
 - A. Effective upon signature of both parties and approved by Statewide Technology Procurement, Amendment #6, as a result of a competitively bid procurement, incorporates the following changes to CALNET 3, IFB STPD 12-001-B, Category 3 and Category 5.
 - B. The IFB STPD 12-001-B Refresh of Categories 3 and 5 documents, replace the previously awarded Category 3 and Category 5 contract documents with the new competitively bid and awarded documents as follows:
 1. Executive Summary, and Change Log, 4 pages
 2. (*) IFB STPD 12-001-B Refresh through Addendum 2 in its entirety, 786 Pages
 3. Category 3 Volume 2 Exhibits 8, 10, 12, 9 pages
 4. Category 3 SOW Technical Requirements BAFO, 258 pages
 5. Category 3 SOW Catalog A BAFO, 123 pages
 6. Category 3 Cost Worksheets BAFO, 97 pages
 7. Category 5 Volume 2 Exhibits 8, 10, 12, 9 pages
 8. Category 5 SOW Technical Requirements BAFO, 154 pages
 9. Category 5 SOW Catalog A BAFO, 92 pages
 10. Category 5 Cost Worksheets BAFO, 167 pages
 - C. All other terms and conditions of the original agreement shall remain the same.

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CONTRACTOR		CALIFORNIA DEPARTMENT OF TECHNOLOGY Use Only <i>by</i>  <i>on 4-12-17</i>
CONTRACTOR'S NAME (If other than an individual, state whether a corporation, partnership, etc.)		
AT&T Corporation		
BY (Authorized Signature)	DATE SIGNED (Do not type)	
	04.04.17	
PRINTED NAME AND TITLE OF PERSON SIGNING		
Keith Nagel, CALNET Program Manager		
ADDRESS		
2700 Watt Avenue, Rm. 1213A, Sacramento, 95821		
STATE OF CALIFORNIA		
AGENCY NAME		
California Department of Technology		
BY (Authorized Signature)	DATE SIGNED (Do not type)	
	4/12/17	
PRINTED NAME AND TITLE OF PERSON SIGNING		
Barbara Garrett, Deputy Director, Office of Technology Services - STN		
ADDRESS		
P.O. Box 1810, MS Y-13, Rancho Cordova, CA 95741-1810		

Exempt per:



Executive Summary

This Best and Final Offer (BAFO) is in response to IFB STPD 12-001-B Refresh Categories 3 and 5 and the changes identified in this Executive Summary and Change Log represent all changes made to AT&T’s Final Bid previously submitted to the State. Any substantive change not included in this list is non-operative, non-binding and will not be considered a part of the AT&T BAFO.

AT&T affirms that all the other components from our original bid submittal remain valid, including unmodified portions of the sections AT&T changed to reflect negotiated terms.

Category 3

As part of this response, AT&T is providing revised BAFO Cost Worksheets and matching Catalog A that should be considered as AT&T’s BAFO.

Category 5

As part of this response, AT&T is providing revised BAFO Cost Worksheets and matching Catalog A that should be considered as AT&T’s BAFO.

IFB STPD 12-001-B Refresh BAFO Change Log

AT&T has listed all changes made in their BAFO within the table below.

Change No.	Document	Page/Tab No.	Section Reference/Line Item No.	Change
1.	Volume 2_Category 3_Refresh BAFO_ATT	Page 236-245	Table 3.2.1.6.a Lines 1069-1111	Added Product and Product Identifiers
2.	Volume 3_Category 3_Refresh BAFO_ATT	Page 113-124	Table 3.2.1.6 MAE Services and Features Lines 1069-1111	Added Product, Product Identifiers and Features



3.	Category 3_Cost Worksheets Refresh BAFO_ATT	Tab 3.2.1.6.b	Lines 1094 - 1136	Added Product information and Pricing. Please note that the Cost Worksheet would not allow for changes to font without loss of worksheet formatting.
4.	Volume 2_Category 3_Refresh BAFO_ATT	Pages 270-273	Table 3.4.2.a	Changed Bidder's Product Identifiers
5.	Volume 3_Category 3_Refresh BAFO_ATT	Pages 125-129	Table 3.4.2	Changed Bidder's Product Identifiers
6.	Volume 3_Category 3_Refresh BAFO_ATT	Pages 16-17	Items 29-35	Changed Monthly Recurring Charge/item per unit
7.	Volume 3_Category 3_Refresh BAFO_ATT	Pages 19-20	Items 58-64	Changed Monthly Recurring Charge/item per unit
8.	Volume 3_Category 3_Refresh BAFO_ATT	Page 21	Items 66-72	Changed Monthly Recurring Charge/item per unit
9.	Volume 3_Category 3_Refresh BAFO_ATT	Pages 23-24	Items 84-90	Changed Monthly Recurring Charge/item per unit
10.	Category 3 Cost Worksheets BAFO	Tab 3.2.1.6.b	Items 18-24	Changed Monthly Recurring Charge/item per unit – Offer. Please note that the Cost Worksheet would not allow for changes to font without loss of worksheet formatting
11.	Category 3 Cost Worksheets BAFO	Tab 3.2.1.6.b	Items 39-45	Changed Monthly Recurring Charge/item per unit – Offer. Please note that the Cost Worksheet would not allow for changes to font without loss of worksheet formatting
12.	Category 3 Cost Worksheets BAFO	Tab 3.2.1.6.b	Items 18-24	Changed Monthly Recurring Charge/item per unit – Offer. Please note that the Cost Worksheet would not allow for changes to font without loss of worksheet formatting



13.	Category 3 Cost Worksheets BAFO	Tab 3.2.1.6.b	Items 39-45	Changed Monthly Recurring Charge/item per unit – Offer. Please note that the Cost Worksheet would not allow for changes to font without loss of worksheet formatting
14.	Category 3 Cost Worksheets BAFO	Tab 3.2.1.6.b	Items 55-61	Changed Monthly Recurring Charge/item per unit – Offer. Please note that the Cost Worksheet would not allow for changes to font without loss of worksheet formatting
15.	Category 3 Cost Worksheets BAFO	Tab 3.2.1.6.b	Items 73-79	Changed Monthly Recurring Charge/item per unit – Offer. Please note that the Cost Worksheet would not allow for changes to font without loss of worksheet formatting
16.	Category 3 Cost Worksheets BAFO	Tab 3.4.2.a	Items 1-8 (9, duplicate 8 in worksheet)	Changed Bidder’s Product Identifiers. Please note that the Cost Worksheet would not allow for changes to font without loss of worksheet formatting
17.	Volume 2_Category 5_Refresh BAFO_ATT	Pages 146-150	Table 5.4.2.a	Changed Bidder’s Product Identifiers
18.	Volume 3_Category 3_Refresh BAFO_ATT	Pages 125-129	Table 5.4.2	Changed Bidder’s Product Identifiers
19.	Volume 2_Category 5_Refresh BAFO_ATT	Pages 27-28	Section 5.2	Added description of unsolicited service, Managed SBC.
20.	Volume 2_Category 5_Refresh BAFO_ATT	Pages 133-140	Table 5.2.7.a lines 154-197	Added unsolicited line items, Managed SBC
21.	Volume 2_Category 5_Refresh BAFO_ATT	Page 144	Third paragraph	Added geographic coverage for added unsolicited items, Managed SBC
22.	Volume 3_Category 5_Refresh BAFO_ATT	Pages 75-85	Table 5.2.7.a. items 155-198	Added unsolicited line items, Managed SBC
23.	Volume 3_Category 5_Refresh BAFO_ATT	Pages 59-74	Table 5.2.7.a. items 101-152	Changed prices. Changed description line preceding 101.



24.	Category 5 Cost Worksheets BAFO	Tab 5.4.2.a	Item 1-9	Changed Bidder's Product Identifiers. Please note that the Cost Worksheet would not allow for changes to font without loss of worksheet formatting
25.	Category 5 Cost Worksheets BAFO	Tab 5.2.7.a	Items 154-197	Added line items. Please note that the Cost Worksheet would not allow for changes to font without loss of worksheet formatting
26.	Category 5 Cost Worksheets BAFO	Tab 5.2.7.a	Items 101-152	Changed prices. Please note that the Cost Worksheet would not allow for changes to font without loss of worksheet formatting
27.	Volume 2_Category 5_Refresh BAFO_ATT	Pages 142-145	Table 5.2.7.a lines 198-207	Added unsolicited line items, Support Services.
28.	Volume 3_Category 5_Refresh BAFO_ATT	Pages 85-89	Table 5.2.7.a. items 199-208	Added unsolicited line items, Support Services.
29.	Category 5 Cost Worksheets BAFO	Tab 5.2.7.a	Items 198-207	Added Product information and Pricing. Please note that the Cost Worksheet would not allow for changes to font without loss of worksheet formatting.
30.	Volume 3_Category 5_Refresh BAFO_ATT	Page 3	Cost Supporting Literature Section	Replaced AT&T Network Functional On Demand Price Schedule with AT&T Flexware Price Schedule. Replaced AT&T Network Functional On Demand Service Guide with AT&T Flexware Service Guide. Added SBC5k List, Sonus Tenor List and SBC1 k2k List
30.	Volume 3_Category 5_Refresh BAFO_ATT	Cost Supporting Literature	Cost Supporting Literature Section	Added AT&T Flexware Price Schedule, AT&T Flexware Service Guide, SBC5k List, Sonus Tenor List and SBC1 k2k List as attachments.

Mark Roese

March 7, 2017

Signature

Date

Mark D. Roese, Executive Director

Name and Title (Print or Type)

STATE OF CALIFORNIA
STANDARD AGREEMENT AMENDMENT
 STD. 213 A (Rev 2/12)

CHECK HERE IF ADDITIONAL PAGES ARE ATTACHED

1 Pages

AGREEMENT NUMBER	AMENDMENT NUMBER
IFB STPD 12-001-B, C3-B-12-10-TS-01	7
REGISTRATION NUMBER	

1. This Agreement is entered into between the State Agency and Contractor named below:

STATE AGENCY'S NAME

California Department of Technology

CONTRACTOR'S NAME

AT&T Corporation

2. The term of this Agreement is

04/01/2014 through 06/30/2019

3. The maximum amount of this agreement after this amendment is: \$0.00

4. The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein:

A. In accordance with the provisions of CALNET 3 IFB STPD 12-001-B, 1.1 Purpose of this Invitation for Bid and General Provisions – Telecommunications, Section 85, OFFER; TERM, the State exercises its option for a one-year extension. Amendment 7 extends IFB STPD 12-001-B and all awarded Categories/Subcategories for one year, expiring June 30, 2019, with one (1) remaining one-year option to extend.

1. Original Term: 04/01/2014 – 06/30/2018
 New Term: 04/01/2014 – 06/30/2019

2. This Amendment shall not be effective until approved by the California Department of Technology.

All other Terms and Conditions shall remain the same.

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CONTRACTOR		CALIFORNIA DEPARTMENT OF TECHNOLOGY Use Only	
CONTRACTOR'S NAME (If other than an individual, state whether a corporation, partnership, etc.)		<p><i>Approved BM Flores 7 Nov 2017</i></p>	
AT&T Corporation			
BY (Authorized Signature)	DATE SIGNED (Do not type)		
<i>[Signature]</i>	9-27-17		
PRINTED NAME AND TITLE OF PERSON SIGNING			
Keith Nagel, CALNET Program Manager			
ADDRESS			
2700 Watt Avenue, Rm. 1213A, Sacramento, 95821			
STATE OF CALIFORNIA			
AGENCY NAME			
California Department of Technology			
BY (Authorized Signature)	DATE SIGNED (Do not type)		
<i>[Signature]</i>	Nov. 1, 2017		
PRINTED NAME AND TITLE OF PERSON SIGNING			
Marlon Paulo, Deputy Director, Statewide Technology Procurement, CDT			
ADDRESS			
P.O. Box 1810, Rancho Cordova, CA 95741-1810			

Exempt per:

STATE OF CALIFORNIA
STANDARD AGREEMENT AMENDMENT
 STD. 213 A (Rev 2/12)

CHECK HERE IF ADDITIONAL PAGES ARE ATTACHED

142 Pages

AGREEMENT NUMBER	AMENDMENT NUMBER
IFB STPD 12-001-B, C3-B-12-10-TS-01	8
REGISTRATION NUMBER	

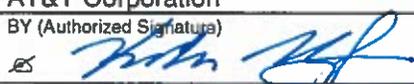
- This Agreement is entered into between the State Agency and Contractor named below:
 STATE AGENCY'S NAME
 California Department of Technology
 CONTRACTOR'S NAME
 AT&T Corporation
- The term of this Agreement is 04/01/2014 through 6/30/2019
- The maximum amount of this agreement after this amendment is: \$0.00
- The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein:

A. Amendment 8 incorporates the following changes; Subject CALNET 3, IFB STPD 12-001-B, Category 7 – Network Based Managed Security, has been modified to transfer Services from CALNET 2 to CALNET 3 and add additional services to;

- Attachment 1: Revisions to Category 7, Volume 2, Response to Unique Subcategory Requirements (pages 104)
- Attachment 2: Revisions to Category 7, Volume 3 – Cost Information, SOW - Catalog A (pages 37)

(All other terms and conditions of the original agreement shall remain the same.)

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CONTRACTOR		CALIFORNIA DEPARTMENT OF TECHNOLOGY Use Only 
CONTRACTOR'S NAME (If other than an individual, state whether a corporation, partnership, etc.)		
AT&T Corporation		
BY (Authorized Signature) 	DATE SIGNED (Do not type) 11-20-17	
PRINTED NAME AND TITLE OF PERSON SIGNING Keith Nagel, CALNET Program Manager		
ADDRESS 2700 Watt Avenue, Room 1213A, Sacramento, CA, 95821		
STATE OF CALIFORNIA		<input type="checkbox"/> Exempt per:
AGENCY NAME California Department of Technology		
BY (Authorized Signature) 	DATE SIGNED (Do not type) 12-18-17	
PRINTED NAME AND TITLE OF PERSON SIGNING Marlon Paulo, Deputy Director, Statewide Technology Procurement, CDT		
ADDRESS P.O. Box 1810, Rancho Cordova, CA 95741-1810		



CALNET 3 IFB STPB 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #8, Rev. October 13, 2017

Amendment Summary: IFB-B Amendment #8

Subcategory 7: Network Based Managed Security





CALNET 3 IFB STPB 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #8, Rev. October 13, 2017

This Modification No. 8 (“Modification”) by and between AT&T Corp. (“AT&T”) (“Contractor”) and the State of California (“State”) is effective upon execution by the parties (“Effective Date”).

WHEREAS, AT&T and State entered into the Agreement for Voice and Data Services (“Agreement”) on April 1, 2014;

WHEREAS, the parties now desire to modify the Agreement.

NOW THEREFORE, the parties, in consideration of the mutual covenants contained herein and intending to be legally bound, agree that the Agreement is modified as follows:

1. Subcategory 7 – Network Based Managed Security Volume 2, Response to Unique Category or Subcategory Requirements, SOW Technical Requirements Response, has been modified to include the following:
 - Cover Page, updated to reflect Amendment Number and Revision Date;
 - Page i, Table of Contents repagination;
 - Page i-100, Header updated to modify Amendment Number and Revision Date;
 - Page 3, Exhibit 8: Contractor’s License Information, updated Class from “C-10” to “Class B” and to remove extra “_”;
 - Page 3, Exhibit 8: Contractor’s License Information, updated Expiration Date from “2015” to “2017”;
 - Page 12, Exhibit 12: GSPD 05-105, Bidder Declarations corrected from “AT&” to “AT&T”;
 - Page, 22, 7.2.1.1, DDoS Initiation, removed “AT&T Internet Protect”;
 - Page, 24, 7.2.1.4, Header updated from “DDoS Detection and Mitigation Features” to “DDoS Detection and Mitigation Service Features”;
 - Table 7.2.1.4.a, DDoS Detection and Mitigation Service, changes made as follows:
 - Page 24, Header updated from “DDoS Detection and Mitigation Features” to “DDoS Detection and Mitigation Service Features”; and
 - Page 24, Item #1, updated Feature Description to capitalize the “S” in DDoS.
 - Page 26, 7.2.2, Email Monitoring and Scanning Services, removed language “SEG is offered with two different service levels – “Advanced” or “Premium.”;
 - Page 26, 7.2.2, Email Monitoring and Scanning Services, sub header SEG Advanced, added language “and outbound”;
 - Page 37, Updated header from “Correlated Log Management Service (CLMS)” to “Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS)”;
 - Pages 37-38, updated language where “Correlated Log Management Service” is referenced to include “/Advanced Threat and Log Analysis Service” and where “CLMS” is referenced to include “ATLAS”;
 - Page 39, updated header from “CLMS Standard Reports” to “CLMS/ATLAS Standard Reports”;
 - Page 39, updated Critical Alert Count section language from “CLMS” to “CLMS/ATLAS”;
 - Page 41, updated “User Stats” Report section language from “CLMS” to “CLMS/ATLAS”;



CALNET 3 IFB STPB 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #8, Rev. October 13, 2017

- Table 7.2.4.2.a, SIEM Features, changes made as follow:
 - Pages 42 - 46, Items # 1, # 3, # 5, # 7, # 9, # 11, updated Bidder Product Description language where “CLMS” is referenced to include “/ATLAS” and updated language where “anytime” to “any time”.
- Table 7.2.4.2.b, Unsolicited SIEM Features, changes made as follow:
 - Page 46, Item # 1, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier CLMS7;
 - Page 47, Item # 2, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier CLMS7A;
 - Pages 47 – 77, Renumber items to sequential numberings;
 - Pages 47 - 48 , Items # 3 – Items # 8 , updated Features Names to shorten length and improve how they appear on invoices and updated Feature Descriptions;
 - Page 48, Item # 9, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier CLMY7;
 - Page 49, Item # 10 and Items # 11, updated Features Names to shorten length and improve how they appear on invoices and updated Feature Descriptions;
 - Pages 49 - 50, Items # 12 – Items # 17, updated Features Names, Feature Descriptions, and Bidder’s Product Descriptions;
 - Page 49, Item # 18, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier CLMC7;
 - Pages 51, Item # 24, updated Bidder’s Product Descriptions;
 - Page 51, Item # 25, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier CLMA7;
 - Pages 52, Mini Header, AT&T VSS-PRO (Vulnerability Scanning Service), updated Bidder’s Product Descriptions;
 - Pages 55 – Pages 58, Items # 47 – Items # 58, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifiers;
 - Page 59, added Mini Header, Premises Based Firewall Service (PBFW) (AT&T Owned and Managed – Complete Service, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier;
 - Page 59, added Mini Header, Cisco Configurations – Managed PBFW, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier;
 - Pages 59 – Pages 60, Items # 59 – Items # 64, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifiers;
 - Page 60, added Mini Header, Fortigate Configurations – Managed PBFW, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier;
 - Pages 60 – Pages 62, Items # 65 – Items # 74, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifiers;
 - Page 62, added Mini Header, Firewall Optional Add-On Features, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier;
 - Pages 62 – Pages 63, Items # 75 – Items # 79, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifiers;
 - Page 64, added Mini Header, Premises Based Firewall Service (PBFW) Customer Owned and AT&T Managed – Complete Service, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier;



CALNET 3 IFB STPB 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #8, Rev. October 13, 2017

- Pages 64 – Pages 65, Items # 80 – Items # 87, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifiers;
- Page 65, added Mini Header, Managed Intrusion Detection Service - MIDS 3 (Customer owned and AT&T managed equipment), added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier;
- Pages 66 – Pages 67, Items # 88 – Items # 93, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifiers;
- Page 67, added Mini Header, Managed Network Access Control (NAC) Service, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier;
- Pages 68 – Pages 70, Items # 94 – Items # 98, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifiers;
- Page 70, added Mini Header, Managed Network Access Control Service (NAC) – Additional Features, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier;
- Pages 70 – Pages 74, Items # 99 – Items # 114, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifiers;
- Page 74, added Mini Header, AT&T Security Network Device Management-Riverbed, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifier; and
- Pages 75 – Pages 77, Items # 115 – Items # 119, added Feature Name, Feature Description, Bidder’s Product Description, and Bidder’s Product Identifiers.
- Table 7.3.8.1, Availability (M-S), changes made as follow:
 - Page 84, updated Service(s), and Objective(s).
- Table 7.3.8.2, Catastrophic Outage 2 (Cat 2) (M-S), changes made as follow:
 - Page 86, updated Service(s), and Objective(s).
- Table 7.3.8.3, Catastrophic Outage 3 (Cat 3) (M-S), changes made as follow:
 - Page 87, updated Service(s), and Objective(s).
- Table 7.3.8.5, SIEM Event Notification (M-S), changes made as follow:
 - Page 90, updated Service(s), and Objective.
- Table 7.3.8.7, Excessive Outage (M-S), changes made as follow:
 - Page 92, updated Service(s), and Objective(s).
- Table 7.3.8.10, Provisioning (M-S), changes made as follow:
 - Pages 97 – Pages 98, updated Service (Features must be installed in conjunction with the service except when listed below), and Objective(s).
- Table 7.3.8.11, Time to Repair (TTR) (M-S), changes made as follow:
 - Page 99, updated Service(s), and Objective(s).

Replacement pages are attached hereto for insertion in the Agreement and are identified with the following statement: “Amendment #8, Rev. October, 13, 2017”

2. Subcategory 7 – MPLS, VPN and Converged VoIP Volume 3, Cost Information, SOW Catalog A, has been modified to include the following:

- Cover Page, updated to modify Amendment Number and Revision Date;
- Pages i - 33, Header updated to modify Amendment Number and Revision Date;
- Pages 2 - 32, All tables, deleted row with alpha letter column headings (A-I) at STND’s request;





CALNET 3 IFB STPB 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #8, Rev. October 13, 2017

- Pages 2 - 32, All tables split to accommodate STND's formatting request to have Section Name and Column Headings (Line item #, Feature Name, etc.) repeat across pages when a table breaks across multiple pages;
- Pages 2 - 14, All tables, Updated Non-Recurring Charges, Monthly Recurring Charges or Change Charges where "\$ -" or blank appears updated to read \$0.00, per Reporting requirements this is the only allowable format if the value is \$0;
- Pages 2 - 32, Removed extra spaces, returns and added periods where applicable;
- Pages 2 - 32, All tables, renumbered line items to sequential where applicable;
- Page, 2, 7.2.1.4.a. Header updated from "DDoS Detection and Mitigation Features" to "DDoS Detection and Mitigation Service Features";
- Table 7.2.1.4.a, DDoS Detection and Mitigation Service, changes made as follows:
 - Page 2, Updated Contractor's Summary description of service and updated Service Limitations and Restrictions; and
 - Page 2, Header updated from "DDoS Detection and Mitigation Features" to "DDoS Detection and Mitigation Service Features".
- Table 7.2.2.3, Email Monitoring and Scanning Service Features, changes made as follows:
 - Page 3, Updated Contractor's Summary description of service; and
 - Pages 3 – Pages 4, Items # 1 – Items # 6, rate reduction to Monthly Recurring Charge.
- Table 7.2.4.2, Security Information and Event Management, changed as follows:
 - Page 6, Updated Contractor's Summary description of service;
 - Pages 7 – Pages 8, Items # 13 and Items # 14, added Feature Name, Feature Description, Feature Restrictions, Limitations and Additional Information ,Non-Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers;
 - Page 8, Items # 15 - Items # 20, updated Features Names to shorten length and improve how they appear on invoices, updated Feature Descriptions, and updated Feature Restrictions, Limitations and Additional Information;
 - Pages 8, Item # 21, added Feature Name, Feature Description, Non-Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers;
 - Page 9, Items # 22 and Items # 23, updated Features Names to shorten length and improve how they appear on invoices and updated Feature Descriptions;
 - Page 9, Items # 24 - Items # 29, updated Features Names to shorten length and improve how they appear on invoices, updated Feature Descriptions, and updated Feature Restrictions, Limitations and Additional Information, and updated Unit of measures;
 - Pages 9, Item # 30, added Feature Name, Feature Description, Non-Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers;
 - Pages 11, Item # 37, added Feature Name, Feature Description, Non-Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers;
 - Page 11, Mini header AT&T VSS-PRO (Vulnerability Scanning Service), updated Feature Description;
 - Pages 14 – Pages 16, Items # 61 – Items # 70, added Feature Name, Feature Description, Feature Restrictions, Limitations and Additional Information, Non-



CALNET 3 IFB STPB 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #8, Rev. October 13, 2017

- Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers;
- Pages 16 – Pages 17, added Mini headers, “Premises Based Firewall Service (PBFW) – (AT&T Owned and Managed Firewalls) Complete Service” and “Cisco Configurations – Managed PBFW” and added Feature Descriptions;
 - Page 17, Items # 71 – Items # 76, added Feature Name, Feature Description, Feature Restrictions, Limitations and Additional Information, Non-Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers;
 - Page 17, added Mini headers, “Fortigate Configurations – Managed PBFW” and added Feature Descriptions;
 - Pages 17 – Pages 18, Items # 77 – Items # 86, added Feature Name, Feature Description, Feature Restrictions, Limitations and Additional Information, Non-Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers;
 - Page 18, added Mini headers, “Firewall Optional Add-On Features”;
 - Pages 19 – Pages 20, Items # 87 – Items # 91, added Feature Name, Feature Description, Non-Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers;
 - Page 20, added Mini headers, “Premises Based Firewall Service (PBFW) Customer Owned and AT&T Managed – Complete Service” and added Feature Description;
 - Page 21, Items # 92 – Items # 99, added Feature Name, Feature Description, Feature Restrictions, Limitations and Additional Information, Non-Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers;
 - Page 21, added Mini headers, “Managed Intrusion Detection Service - MIDS 3 (Customer owned and AT&T managed equipment)” and added Feature Description;
 - Page 22, Items # 100 – Items # 105, added Feature Name, Feature Description, Feature Restrictions, Limitations and Additional Information, Non-Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers;
 - Page 23, added Mini headers, “Managed Network Access Control Service (NAC)” and added Feature Description, and Feature Restrictions, Limitations and Additional Information;
 - Pages 24 – Pages 25, Items # 106 – Items # 110, added Feature Name, Feature Description, Feature Restrictions, Limitations and Additional Information, Non-Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers;
 - Page 26, added Mini headers, “Managed Network Access Control Service (NAC) – Additional Features” and added Feature Description;
 - Pages 26 – Pages 28, Items # 111 – Items # 126, added Feature Name, Feature Description, Feature Restrictions, Limitations and Additional Information, Non-Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers;
 - Page 28, added Mini headers, “AT&T Security Network Device Management – Riverbed”, added Feature Description, and Feature Restrictions, Limitations and Additional Information; and



CALNET 3 IFB STPB 12-001-B, AGREEMENT C3-B-12-10-TS-01
BETWEEN STATE OF CALIFORNIA AND AT&T CORP.
AMENDMENT #8, Rev. October 13, 2017

- Pages 30 – Pages 32, Items # 127 – Items # 131, added Feature Name, Feature Description, Feature Restrictions, Limitations and Additional Information, Non-Recurring Charge, Monthly Recurring Charge, Unit of Measure, Charge per change, and Product Identifiers.

Replacement pages are attached hereto for insertion in the Agreement and are identified with the following statement: “Amendment #8, Rev. October 13, 2017”

Except as modified by this Amendment, all of the terms and conditions of the Agreement shall remain in full force and effect in accordance with their terms.



AT&T

IFB STPD 12-001-B, C3-B-12-10-TS-01

CalNet 3, Category 7: Network Based Managed Security

Volume 2: Response to Unique Category or Subcategory Requirements
SOW Technical Requirements Response

Amendment #8, Rev. October 13, 2017

Mark Roese
Executive Sales Director
AT&T
2700 Watt Ave
Sacramento, CA 95821
916-972-3297 (phone)
916-468-8418 (cell)
mark.roese@att.com



This Page was Intentionally Left Blank



Table of Contents

Exhibit 8: Contractor’s License Information.....	1
Exhibit 10: Bidding Preferences and Incentives	5
Exhibit 11: STD 843, DVBE Declarations	10
Exhibit 12: GSPD 05-105, Bidder Declaration.....	12
Exhibit 13: STD 830, TACPA Preference Request.....	14
Exhibit 14: Commercially Useful Function Statement.....	16
Category 7 – Network Based Managed Security.....	20
7.1 Overview.....	20
7.2 Network Based Managed Security Services	21
7.3 Service Level Agreements (SLA)	77



This Page was Intentionally Left Blank



Exhibit 8: Contractor's License Information

Attached is Exhibit 8: Contractor's License Information.



This Page was Intentionally Left Blank



EXHIBIT 8: CONTRACTOR’S LICENSE INFORMATION

(Installation Services Only)

For Category/Subcategory: 7: Network Based Managed Security

Name of Bidder: AT&T
Corp.

Bidder shall complete the applicable Contractor’s license information below in accordance with the Contractor’s State License Board, Department of Consumer Affairs. A Contractor’s license of appropriate Class C-7, Low Voltage Systems Contractor, is required before any Bidder can contract business (e.g. submit a bid) which includes the installation of cable and wiring, and minor electrical modification. In addition, if structural modifications are required, a Class B, General Building Contractor, license is required. Licensee must be in the name of the firm or a Responsible Managing Employee. See IFB Section 2.3.6, Contractor’s License.

CONTRACTOR

Class C-7, C-10, and Class B License No: 760249
Licensee: Pacific Bell Telephone Company Expiration Date: 03/31/2019
Relationship of Licensee to Contractor: Wholly Owned Subsidiary

SUBCONTRACTOR 1

Class _____ License No: _____
Licensee: _____ Expiration Date: _____
Relationship of Licensee to Subcontractor: _____

SUBCONTRACTOR 2

Class _____ License No: _____
Licensee: _____ Expiration Date: _____
Relationship of Licensee to Subcontractor: _____

(Use additional sheets if necessary.)





This Page was Intentionally Left Blank



Exhibit 10: Bidding Preferences and Incentives

Attached is the completed and signed Exhibit 10.



This Page was Intentionally Left Blank



Exhibit 10: BIDDING PREFERENCES AND INCENTIVES

For Category/Subcategory: 7: Network Based Managed Security

ALL BIDDERS: COMPLETE ALL SECTIONS BELOW AND SUBMIT WITH YOUR PROPOSAL.

1. SMALL BUSINESS PREFERENCE

Bidder must check the appropriate box from the choices below.

- I am a DGS certified Small Business and claim the Small Business Preference.
My DGS Small Business certification number is: _____

- I have recently filed for DGS Small Business preference but have not yet received certification, but I am claiming the Small Business preference.

- I am not a DGS certified Small Business, but 25% or more of the revenue from the award will go to DGS certified Small Business Subcontractors performing a Commercially Useful Function and therefore I am claiming the preference.
Bidder must complete and submit Exhibit 12, GSPD-05-105 Bidder Declaration, indicating the percentage of the revenue that will be received by each DGS certified Small Business Subcontractor.
Bidder must complete and submit an Exhibit 14, Commercially Useful Function Statement, for each Small Business subcontractor.

- I am not claiming the DGS Small Business preference.

2. DVBE INCENTIVE

Bidder must check the appropriate box from the choices below.

- I am a DGS certified DVBE. A copy of my STD. form 843 is attached.

- I have recently filed for DGS DVBE certification, but have not yet received certification.

- I am not a DGS certified DVBE, but a percentage of the revenue will be going to DGS certified DVBE Subcontractors performing a Commercially Useful Function, and therefore I am claiming the DVBE incentive.
Bidder must submit a complete Exhibit 12, GSPD-05-105, Bidder Declaration, indicating the percentage of the revenue that will be received by each DGS certified DVBE Subcontractor.
Bidder must also submit an Exhibit 11, STD 843 DVBE Declarations, for each DVBE Subcontractor, signed by the DVBE owner/manager.
Bidder must complete and submit an Exhibit 14, Commercially Useful Function Statement, for each DVBE subcontractor or supplier.

- I am not claiming the DVBE incentive.



IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017



EXHIBIT 10, CONTINUED

3. ADDITIONAL BIDDING PREFERENCES

The Bidder shall check the appropriate box or boxes from the choices below.

- I am not claiming the TACPA preference, the EZA preference, or the LAMBRA preference.

- I am claiming the TACPA bidding preference.
Bidder must submit Exhibit 13, STD 830.

Name of Bidder: AT&T Corp.

Signature and Date: _____ March 5, 2014



Exhibit 11: STD 843, DVBE Declarations

AT&T is not claiming a DVBE incentive



This Page was Intentionally Left Blank



Exhibit 12: GSPD 05-105, Bidder Declaration

AT&T is not claiming SB preference using Subcontractors, nor claiming a DVBE incentive, nor will have any Subcontractors that will receive 15% or more revenue.



This Page was Intentionally Left Blank



Exhibit 13: STD 830, TACPA Preference Request

AT&T is not claiming TACPA preference.



This Page was Intentionally Left Blank



Exhibit 14: Commercially Useful Function Statement

Attached is a copy of AT&T's completed Exhibit 14.



This Page was Intentionally Left Blank



EXHIBIT 14: COMMERCIALY USEFUL FUNCTION STATEMENT

All certified small business, micro business, and/or DVBE Contractors, subcontractors or suppliers must meet the commercially useful function requirements under Government Code (GC) Section 14837(d)(4)(A) (for SB) and Military and Veterans Code (MVC) Section 999(b)(5)(B) (for DVBE).

Please answer the following questions, as they apply to your company for the goods and services being acquired in this solicitation.

CALNET 3 Category or Subcategory being bid: Category 7

Subcontractor Name:

Mark all that apply: DVBE: Small Business: Micro Business:

1.	Will the subcontractor be responsible for the execution of a distinct element of the resulting CALNET Contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2.	Will this subcontractor be actually performing, managing, or supervising an element of the resulting CALNET Contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
3.	Will this subcontractor be performing work on the resulting CALNET Contract that is normal for its business, services, and functions?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.	Will there be any further subcontracting that is greater than that expected to be subcontracted by normal industry practices for the resulting CALNET Contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
5.	Will this subcontractor be responsible, with respect to products, inventories, materials, and supplies required for the contract, for negotiating price, determining quality and quantity, ordering, installing, if applicable, and making payment?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

A response of “No” in questions 1 - 3 or a response of ”Yes” in question 4, may result in your claim for Small Business Preference or DVBE Incentive being deemed non-responsive and disqualified.

The bidder must provide a written statement below detailing the role, services and goods the subcontractor(s) will provide to meet the commercially useful function requirement.

AT&T is not using any DVBE, Small Business, and Micro Business Contractors, subcontractors or suppliers in the delivery of services related to this Category.



At the State’s option prior to award, bidders may be required to submit additional written clarifying information.

Per MVC Section 999.9(a)(6) and GC 14842.5 (a)(6) it is unlawful for a person to knowingly and with intent to defraud, fraudulently represent that a commercially useful function is being performed by a disabled veteran business enterprise in order to obtain or retain a bid preference or a state contract, and that doing so shall subject the person to the penalties stated in MVC Section 999.9 and GC 14842.5.

By signing this form, the undersigned bidder certifies that the Certified Small Business or DVBE satisfies the Commercially Useful Function requirement, and will provide the role, services, and/or goods stated above.

Signature of Company
Representative:

Printed/Typed Name and Title of
Company Representative:

Mark Roese, Executive Sale Director



Category 7 – Network Based Managed Security

7.1 Overview

This Category 7 IFB provides the State’s solicitation for best value solutions for Network Based Managed Security services.

This IFB will be awarded to Bidders that meet the award criteria as described in IFB Section 4. The CALNET 3 Contract(s) that result from the award of this IFB will be managed on a day-to-day basis by the CALNET 3 Contract Management and Oversight (CALNET 3 CMO).

7.1.1 Bidder Response Requirements

Throughout this IFB, Bidders are required to acknowledge acceptance of the requirements described herein by responding to one (1) of the following:

Example A (for requirements that require confirmation that the Bidder understands and accepts the requirement):

“Bidder understands the Requirement and shall meet or exceed it? Yes_____ No_____”

Or,

Example B (for responses that require the Bidder to provide a description or written response to the requirement):

“Bidder understands the requirements in Section xxx and shall meet or exceed them? Yes_____ No_____”

Description:”

7.1.2 Designation of Requirements

All Technical Requirements specified in this IFB Section are Mandatory and must be responded to as identified in IFB Section 3.4.2.5 by the Bidder. Additionally, some Mandatory requirements are “Mandatory-Scorable” and are designated as “(M-S)”. The State will have the option of whether or not to include each item in the Contract, based on the best interest of the State. Furthermore, Customers will have the option whether or not to order services or features included in the Contract. Service Requests for some CALNET 3 services or features may require CALNET 3 CMO approval.

Costs associated with services shall be included in the prices provided by the Bidder for the individual items included in the Cost Worksheets. Items not listed in the Cost Worksheets will not be billable by the Contractor. If additional



unsolicited items include the features described in the IFB and are not included as billable in the Cost Worksheets, the cost associated with the features shall not be included in the unsolicited price.

Services and features included in the Cost Worksheets are those that the Bidder must provide. All Bidders must provide individual prices as indicated in the Cost Worksheets in the Bidder's Final Proposal. Items submitted with no price will be considered as offered at no cost.

7.1.3 Pacific Time Zone

Unless specific otherwise, all times stated herein are times in the Pacific Time Zone.

7.2 Network Based Managed Security Services

7.2.1 DDoS Detection and Mitigation Service

Contractor shall provide a network based Distributed Denial of Service (DDoS) detection and mitigation service. Detection and mitigation shall occur in the Contractor IP backbone before traffic reaches Customer edge router. Contractor shall establish normal traffic patterns and to minimize false positives during the detection/mitigation process and perform periodic "tuning" of normal traffic patterns established. The Contractor shall analyze, identify, report and alert on anomalies in Customer traffic and DDoS attacks. Upon detection of DDoS attack, Contractor shall reroute traffic to a network based mitigation center where DDoS attack packets are identified and dropped. Valid packets shall be routed to the Customer edge router. Upon Contractor determination that the DDoS attack has subsided, Contractor shall restore the normal routing of Customer traffic.

Bidder shall describe its DDoS offering.

Bidder understands the requirements in Section 7.2.1 and shall meet or exceed them? Yes X
No _____

Description:

AT&T Distributed Denial of Service (DDoS) Defense is designed to detect and mitigate distributed denial of service attacks on your network. DDoS Defense helps identify and block malicious packets in near real time to help you prevent possible negative affects regarding the flow of your business traffic.

DDoS Defense is the service based on the data from the AT&T IP backbone network and doesn't require you to purchase additional bandwidth or premises equipment.



Depending on your configuration, a shared or dedicated set of network mitigation devices scrub your traffic for denial of service attacks. A shared configuration allows you to share network detector devices and a farm of network mitigation devices with other AT&T customers. A dedicated configuration provides you with network mitigation devices dedicated to you.

7.2.1.1 DDoS Initiation

The Contractor shall support the initiation of DDoS mitigation described below:

1. Customer identifies the DDoS attack and initiates the mitigation; and,
2. Contractor identifies the DDoS attack and initiates the mitigation.

*Bidder understands the requirements in Section 7.2.1.1 and shall meet or exceed them? Yes X
No _____*

Description:

DDoS Defense leverages technology to help identify DDoS attacks. This technology forwards data packets to our network-based detection facility where we monitor your network traffic for the IP addresses you want us to help protect. When the detection facility identifies a DDoS attack, it sends an alarm to both an AT&T operations center and to you. Concurrently, the AT&T Global Customer Support Center (GCSC) notifies you of the attack. The AT&T GCSC reroutes the affected traffic to the network scrubbing facility within the AT&T IP backbone. This facility scrubs the traffic and passes what we determine as valid traffic to your access router. We continue to monitor the scrubbed traffic for DDoS attacks until we determine the attack has subsided, and then we restore your normal traffic routing.

7.2.1.2 DDoS Activities

The Contractor shall perform the following activities:

1. Monitoring of Customer traffic patterns;
2. Establishment of network traffic baselines;
3. Detection of Customer traffic anomalies;
4. Scrubbing of Customer traffic by dropping DDoS attack packets;
5. Perform detection and anomaly analysis;
6. Develop and provide access to a strategy for identifying and mitigating real time attacks;
7. Issuance of email alert and a verbal person-to-person telephone call to authorized users within 15 minutes when an anomaly or attack is detected;



8. Issuance of email alert and a verbal person-to-person telephone call to authorized users within 15 minutes of when mitigation services commence; and,
9. Analyze attack patterns throughout Contractor IP backbone and alerting authorized users of IP threats, provide authorized users the information via secure portal for addressing/mitigating IP threats and provide authorized users with links to patches, updates and workarounds for known and documented IP threats.

Bidder shall describe its DDoS Activities offering.

*Bidder understands the requirements in Section 7.2.1.2 and shall meet or exceed them? Yes X
No _____*

Description:

Distributed Denial of Service (DDoS) Defense uses these components:

- **AT&T Internet Access**—provides AT&T with access to packets going into your routers. This access allows us to divert the traffic from your attacked IP address to the AT&T network scrubbing facility. DDoS Defense requires Managed Internet Service (MIS) or MIS Plus.
- **Detection Facility**—resides in the AT&T IP backbone network. The facility analyzes your NetFlow data and helps detect and identify suspected traffic anomalies.
- **Scrubbing Facility**—receives packets after the DDoS service detects an attack. The facility scrubs the traffic for known malicious packets and passes on what is determined a legitimate packets to your access routers.
- **Complete Management**—DDoS includes equipment, monitoring, and management. You receive a cost-effective solution that helps you minimize hardware and personnel expenses and avoid unpredictable implementation and maintenance costs.

7.2.1.3 DDoS Detection and Mitigation Web Portal and Reporting

Contractor shall provide a secure web based portal for authorized users.

Contractor's portal shall provide authorized users:

1. A view of their traffic patterns;
2. A view of the real time attack and mitigation strategy;
3. IP threat alerts;
4. Information for addressing and mitigating IP threats; and,
5. Links to patches, updates, and workarounds for known and documented IP threats.



Contractor’s portal shall provide authorized users access to the following anomaly report:

1. Traffic anomaly detection.

Bidder shall describe its DDoS Detection and Mitigation Web Portal and Reporting offering.

*Bidder understands the requirements in Section 7.2.1.3 and shall meet or exceed them? Yes X
No _____*

Description:

DDoS Defense Reporting Portal

You can access the DDoS Defense and the Internet Protect portal website via BusinessDirect®. From this site, you can access anomaly reports, historical archived data, traffic information, and email trap alerts. You'll find a variety of security information you need, all in one place, accessible from the Internet.

7.2.1.4 DDoS Detection and Mitigation Service Features

The Contractor shall offer the DDoS Detection and Mitigation features detailed in Table 7.2.1.4.a.

Table 7.2.1.4.a DDoS Detection and Mitigation Service Features

	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
1	DDoS Detection and Mitigation, 1 – 2 GB	DDoS Detection and Mitigation Service as described in Section 7.2.1 for 1-2 GB of traffic flow.	Y		DDOS2
Bidder's Product Description: DDoS Defense consists of detection and mitigation service components that examine your Netflow data. 1 – 2 GB Protection					
2	DDoS Detection and Mitigation, 3 – 4 GB	DDoS Detection and Mitigation Service as described in Section 7.2.1 for 3-4 GB of traffic flow	Y		DDOS4
Bidder's Product Description: DDoS Defense consists of detection and mitigation service components that examine your Netflow data. 3 – 4 GB Protection					



	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
3	DDoS Detection and Mitigation, 5 – 6 GB	DDoS Detection and Mitigation Service as described in Section 7.2.1 for 5-6 GB of traffic flow	Y		DDOS6
Bidder's Product Description: DDoS Defense consists of detection and mitigation service components that examine your Netflow data. 5 – 6 GB Protection					

The Contractor may offer Unsolicited DDoS Detection and Mitigation features in Table 7.2.1.4.b.

Table 7.2.1.4.b Unsolicited DDoS Detection and Mitigation Features

	Feature Name	Feature Description	Bidder's Product Identifier
1	None		
Bidder's Product Description:			

7.2.2 Email Monitoring and Scanning Services

Contractor shall provide a network based email monitoring and scanning service. All hardware/software necessary to provide service shall reside in the Contractors network and shall be maintained, monitored and supported by the Contractor. The service functions shall consist of anti-virus, anti-spam protection and content control. These monitoring and scanning functions shall be performed in the Contractor's network prior to email traffic reaching the Customers internal network. The service shall work with the Customers' existing email systems.

Bidder shall describe its Email Monitoring and Scanning Services offering.

*Bidder understands the requirements in Section 7.2.2 and shall meet or exceed them? Yes X
No _____*

Description:

AT&T Secure E-Mail Gateway (SEG) is a network-based Security as a Service (SecaaS) offering. SEG protects customers from internal and external email threats that can include: commercial spam, malicious attachments, direct email server connections from spammers and



botnet-controlled endpoints, and email embedded URL-based attacks. SEG provides features and tools that enable customers to comply with data privacy and retention regulations, meet legal discovery requirements, and implement data loss prevention strategies. SEG customers retain responsibility and control over much of the configuration and settings for the service.

SEG Advanced

The Secure E-Mail Gateway (SEG) Advanced service helps protect customer networks from inbound and outbound messages containing spam, viruses, and malware.

The Service provides features that enable customer to manage and enforce its security policy on outbound email content.

The Service provides disaster recovery protection against lost email data in the event of a customer email server outage and provides end-user continuity functionality if the customer email server becomes unavailable.

SEG is administered by the customer through a self-service web console and provides a suite of reports.

SEG requires that the Customer own and manage their own Simple Mail Transfer Protocol (SMTP) email server or servers. The customer must also own and manage their own Internet domain(s) in order to direct email to the Service for filtering.

Standard Features – SEG Advanced

Customer Managed Administration

The primary interface to the SEG Advanced service is the Administration Center web console. This console is available 24 x 7 and allows Customer Administrators to define and manage settings and configurations for their domains, including spam treatment options, virus scanning selections, content filter settings, policy rules and user permissions.

Anti-Virus Protection

Anti-Virus Protection provides an extensive and redundant anti-virus filtering process that is designed to detect, clean, and record virus infected e-mail messages before they enter the Customer's network. Virus Protection can be configured to scan all inbound and outbound messages for viruses as recognized by industry standard virus scanning technologies.



Spam Filtering

Spam Filtering detects Spam e-mail messages before they enter the Customer's network. Captured spam is routed to the spam quarantine and can be accessed by administrators or end users at any time through a web-based interface. The Customer administrator may configure spam quarantine notification options for messages that have that been quarantined.

Policy Enforcement

Policy enforcement supports the ability to apply the Customer's corporate messaging policies on unwanted and malicious content to e-mail messages entering and leaving the Customer's e-mail system. Policy enforcement features are definable by domain or user level. Content categories that can be filtered for policy include: keyword groups, HTML, spam beacons or web bugs, hyperlinks, attachments, deny and allow lists. The Customer can define text, referred to as an "outbound disclaimer" that will be appended to the email content. The Customer administrator may configure policy enforcement notification options for emails have been identified by policy rules.

Quarantine

The Service provides multiple quarantine areas with different security access requirements to store and support review of suspect email outside of your email network. Emails that violate configured policies and that have the quarantine action applied are sorted into multiple quarantines.

- Spam Quarantined Messages – Accessible to all users, with users with role of User or Reports Manager allowed to access only their own personal spam quarantine
- Virus Quarantined Messages – Accessible to only Administrators and Quarantine Managers
- Attachment Quarantined Messages – Accessible to only Administrators and Quarantine Managers
- Content Keyword Quarantined Messages – Accessible to only Administrators and Quarantine Managers

Disaster Recovery

Disaster Recovery provides added protection against lost emails in the case the Customer's inbound email server may be unavailable to receive email.



Disaster recovery provides:

- Automatic email fails over and rolling storage for up to sixty (60) days.
- Automatic monitoring of Customer's e-mail server to establish return of service with attempt to deliver the e-mail every 20 minutes.
- Automatic forwarding of stored e-mail once Customer's e-mail service is restored
- User access to read and send messages through a web-based interface while messages are in fail-over storage status. Messages can remain in fail-over storage for up to 60 days.

Transport Layer Security

The SEG Advanced Service supports both forced and opportunistic Transport Layer Security (TLS) connections between the Customer's email server and the SEG network. TLS is designed to provide basic network level encryption through an encrypted tunnel for message transfer.

Administrator Reports

Included in the SEG Administration Center console is access to a suite of reports providing a view into the statistics and use of the Service. All mail messages processed by the Service are recorded in these statistical reports, measured on an hourly, daily, weekly, and monthly basis. The reports furnished to Customer depend of the Service components and features in use by the Customer.

7.2.2.1 Email Monitoring and Scanning Service Functionality

The managed email monitoring and scanning service shall provide the following functionality:

7.2.2.1.1 Anti-Virus Protection

The anti-virus function shall scan both inbound and outbound Customer E-mail for viruses. The Contractor shall provide automatic and timely updates of virus pattern and signature files as they become available. Detected viruses shall be removed from infected E-mail or otherwise the infected E-mail shall be deleted.

Bidder shall describe its Anti-Virus Protection offering.



Bidder understands the requirements in Section 7.2.2.1.1 and shall meet or exceed them? Yes
X No_____

Description:

Anti-Virus Protection

Anti-Virus Protection provides an extensive and redundant anti-virus filtering process that is designed to detect, clean, and record virus infected e-mail messages before they enter the Customer's network. Virus Protection can be configured to scan all inbound and outbound messages for viruses as recognized by industry standard virus scanning technologies.

7.2.2.1.2 Anti-Spam Protection

The anti-spam function shall isolate detected incoming spam E-mail. The Customer shall have the capability to review detected spam for appropriate handling.

Bidder shall describe its Anti-Spam Protection offering.

Bidder understands the requirements in Section 7.2.2.1.2 and shall meet or exceed them? Yes
X No_____

Description:

Spam Filtering

Spam Filtering detects Spam e-mail messages before they enter the Customer's network. Captured spam is routed to the spam quarantine and can be accessed by administrators or end users at any time through a web-based interface. The Customer administrator may configure spam quarantine notification options for messages that have that been quarantined.

7.2.2.1.3 Content Control

The content control function shall allow a Customer to apply an acceptable use policy on incoming/outgoing email automatically as emails are scanned.

Bidder shall describe its Content Control offering.



Bidder understands the requirements in Section 7.2.2.1.3 and shall meet or exceed them? Yes No

Description:

Policy Enforcement

Policy enforcement supports the ability to apply the Customer’s corporate messaging policies on unwanted and malicious content to e-mail messages entering and leaving the Customer’s e-mail system. Policy enforcement features are definable by domain or user level. Content categories that can be filtered for policy include: keyword groups, HTML, spam beacons or web bugs, hyperlinks, attachments, deny and allow lists. The Customer can define text, referred to as an “outbound disclaimer” that will be appended to the email content. The Customer administrator may configure policy enforcement notification options for emails have been identified by policy rules.

7.2.2.1.4 Isolation Area

The isolation area shall isolate and contain virus infected E-mail, spam E-mail and E-mail not conforming to the Customer acceptable use policy. The isolation area shall be accessible via a web based interface and Customer shall be able to configure different levels of access to isolation area E-mail.

Bidder shall describe its Isolation Area offering.

Bidder understands the requirements in Section 7.2.2.1.4 and shall meet or exceed them? Yes No

Description:

Quarantine

The Service provides multiple quarantine areas with different security access requirements to store and support review of suspect email outside of your email network. Emails that violate configured policies and that have the quarantine action applied are sorted into multiple quarantines.

- Spam Quarantined Messages – Accessible to all users, with users with role of User or Reports Manager allowed to access only their own personal spam quarantine
- Virus Quarantined Messages – Accessible to only Administrators and Quarantine Managers



- Attachment Quarantined Messages – Accessible to only Administrators and Quarantine Managers
- Content Keyword Quarantined Messages – Accessible to only Administrators and Quarantine Managers

7.2.2.1.5 Notification

Notification shall allow a Customer to be notified via E-mail when an anti-virus, anti-spam or content control function has been invoked.

Bidder shall describe its Notification offering.

Bidder understands the requirements in Section 7.2.2.1.5 and shall meet or exceed them? Yes
X *No*_____

Description:

Notification

The Service provides E-Mail notification when an anti-virus, anti-spam or content control function has been invoked.

7.2.2.2 Email Monitoring and Scanning Service Web Portal and Reporting

The Contract shall provide the following reporting functionality via a secure web portal:

1. Traffic/mail statistics;
2. Infections detected;
3. Policy violations; and,
4. Event log of actions performed.

Bidder shall describe its Email Monitoring and Scanning Service Web Portal and Reporting offering.



Bidder understands the requirements in Section 7.2.2.2 and shall meet or exceed them? Yes No

Description:

Administrator Reports

Included in the SEG Administration Center console is access to a suite of reports providing a view into the statistics and use of the Service. All mail messages processed by the Service are recorded in these statistical reports, measured on an hourly, daily, weekly, and monthly basis. The reports furnished to Customer depend of the Service components and features in use by the Customer.

7.2.2.3 Email Monitoring and Scanning Service Features

The Contractor shall offer the network based email monitoring and scanning service features detailed in Table 7.2.2.3.a.

Table 7.2.2.3.a – Email Monitoring and Scanning Service Features

	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
1	Email Monitoring and Scanning Service, 1-49	Email managed security services seat as described in Section 7.2.2.	Y		SEGA01
Bidder's Product Description: AT&T Secure E-Mail Gateway (SEG) - Advanced 1-49 seats					
2	Email Monitoring and Scanning Service, 50-74	Email managed security services seat as described in Section 7.2.2.	Y		SEGA50
Bidder's Product Description: AT&T Secure E-Mail Gateway (SEG) - Advanced 50-74 seats					
3	Email Monitoring and Scanning Service, 75-99	Email managed security services seat as described in Section 7.2.2.	Y		SEGA75
Bidder's Product Description: AT&T Secure E-Mail Gateway (SEG) - Advanced 75-99 seats					



	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
4	Email Monitoring and Scanning Service, 100-500	Email managed security services seat as described in Section 7.2.2.	Y		SEGA100
Bidder's Product Description: AT&T Secure E-Mail Gateway (SEG) - Advanced 100-500 seats					
5	Email Monitoring and Scanning Service, 501-1000	Email managed security services seat as described in Section 7.2.2.	Y		SEGA501
Bidder's Product Description: AT&T Secure E-Mail Gateway (SEG) - Advanced 501-1000 seats					
6	Email Monitoring and Scanning Service, 1001 and above	Email managed security services seat as described in Section 7.2.2.	Y		SEG1001
Bidder's Product Description: AT&T Secure E-Mail Gateway (SEG) - Advanced 1001+ seats					

The Contractor may offer Unsolicited Network Based Email Managed Security Service features in Table 7.2.2.3.b.

Table 7.2.2.3.b Unsolicited Network Based Email Managed Security Service Features

	Feature Name	Feature Description	Bidder's Product Identifier
1	None		
Bidder's Product Description:			

7.2.3 Web Security and Filtering Service

Contractor shall provide a network based web security and filtering service. All hardware/software necessary to provide service shall reside in the Contractors network and shall be maintained, monitored and supported by the Contractor. The service shall analyze and block web requests for malicious software (malware) and filter content that fails to meet the Customer acceptable use policy. The service shall provide protection against computer viruses,





worms, Trojan horses, spyware and adware (malware). The Customer shall have the ability to configure both inbound and outbound content policy. The service shall:

1. Accept http and https requests;
2. Support Lightweight Directory Access Protocol (LDAP) integration; and,
3. Support mobile users at the same level as fixed users.

Bidder shall describe its Web Security and Filtering Service offering.

Bidder understands the requirements in Section 7.2.3 and shall meet or exceed them? Yes X
No _____

Description:

AT&T Web Security service helps create a protected and productive Internet environment for your organization. The service is designed to keep malware off your organizations network and allow you to control the use of the Web by employing Web Filtering, Web Malware Scanning and remote features. As a fully managed service, AT&T Web Security Service requires no additional hardware, upfront equipment costs or ongoing system maintenance.

Implementation is completed via conference calls with the customer. AT&T will direct the customer to perform certain software configurations onsite.

In addition to predefined reports, custom reports and analysis through the drill down tool is available to gather specific information regarding web usage.

Active Directory Integration

AT&T Web Security integrates into your active directory service with a Connector Software, provided as part of the service.

Firewall Redirection

The Proxy Settings are pushed to browsers via an Active Directory GPO, browsers connect through Firewall on port 8080 to the Connector which receives client information and queries the Active Directory Server for Group Information, it then proxies to AWS upstream.

The Firewall blocks all other GET requests this provides End User/Group granularity for applying rules and reporting.



Archiving

Archiving of historical data is 90 days for allowed traffic and 1 year for blocked. Custom reports can be created to export CSV data dumps on a monthly basis for customer archiving of historical periods longer than provided.

7.2.3.1 Authorized User Administration and Reporting - Web Portal

The service shall include a web based portal allowing authorized users to configure content policy at the user, group and global levels for both inbound and outbound content policy.

The service shall include standard and custom reports accessible through the web based portal.

Bidder shall describe its Authorized User Administration and Reporting - Web Portal offering.

*Bidder understands the requirements in Section 7.2.3.1 and shall meet or exceed them? Yes X
No _____*

Description:

Portal Access

AT&T provides a Web based portal to allow administrators to manage control and reporting capabilities with the ability to add additional users with specific access capabilities.

Reporting

A web based portal allows access to drill down reports to enable you to analyze:

- Applications
- Bandwidth
- Blocks
- Browse Time
- Categories
- Groups
- Hosts
- Legal Liability
- Malware



- Security
- Users

7.2.3.2 Web Security and Filtering Service Features

The Contractor shall offer the Web Security and Filtering features detailed in Table 7.2.3.2.a.

Table 7.2.3.2.a. Web Security and Filtering Service Features

	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
1	Web Security and Filtering Service	Web Security and Filtering service as described in Section 7.2.3.	Y		WSSBND
Bidder's Product Description: Web Filtering enables you to easily create, enforce, and monitor Web usage policies. Web Malware Scanning is designed to help stop Web spyware and viruses at the Internet level before they can infiltrate your network, your roaming and remote employees, and helping to ensure they no longer act as an open bridge into your internal network. Per user fee for a network-based web security service providing Web Filtering – capability for enforcing Internet user web usage policies, Malware Scanning – user protection against malicious software stopping infections before they infiltrate customer's network.					

The Contractor may offer Unsolicited Web Security and Filtering features in Table 7.2.3.2.b.

Table 7.2.3.2.b Unsolicited Web Security and Filtering Service Features

	Feature Name	Feature Description	Bidder's Product Identifier
1	None		
Bidder's Product Description:			

7.2.4 Security Information and Event Management (SIEM)

Contractor shall provide a networked based SIEM service. The service shall collect, analyze, assess and correlate security events from devices located on the Customer premise. All hardware/software necessary to provide service shall reside in the Contractors network and shall be maintained, monitored and supported by the Contractor, with the



exception of equipment required to collect security events from devices located on the Customer premise. Supported devices shall include routers, network intrusion detection probes, server based firewalls, host intrusion detection management stations and unified threat management appliances. The service shall categorize and prioritize security events utilizing the Contractor's threat and risk management methodologies generated from Contractor and Customer defined standards. Security events that represent a security incident or threat shall be escalated to the Customer in accordance with the SLA requirements of Section 7.3.8.5. Contractor escalations shall consist of a security incident report as defined in Section 7.2.4.1 below.

Bidder shall describe its Security Information and Event Management offering.

*Bidder understands the requirements in Section 7.2.4 and shall meet or exceed them? Yes X
No*

Description:

Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS)

Correlated Log Management Services (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) utilizes AT&T's expertise in security analysis and operations within the AT&T Security Operations Center (SOC) to correlate information from multiple devices and device types, both on premises and network based in the AT&T network.

- Provides AT&T an overview of your network by correlating alerts from multiple devices and device types across the entire enterprise.
- AT&T prioritizes security events based on threat and risk management methodologies generated from AT&T standards and customer defined standards.
- AT&T provides rapid notification to the customer when security events are detected and are identified as critical by AT&T SOC
- Includes customer access to weekly and monthly security summary analysis reports

AT&T has harnessed the power of our network, our strength in network security, and access to world class process, tools and people to offer you a Correlated Log Management Service/Advanced Threat and Log Analysis Service. The service takes events from multiple security and networking devices, including security controls located in the network, correlates these alerts with proprietary technology, prioritizing them and notifying you of events identified as actionable in near real-time. The Correlated Log Management/Advanced Threat and Log Analysis service includes standard reports, threat analysis reports, log storage, Implementation assistance and initial device policy tuning. AT&T collects the security relevant log and event



information from firewalls, intrusion prevention sensors and other network devices using agent-less Parser/Aggregator technology deployed in your network. Event collection is provided for a wide variety of security and network devices which may be located within the AT&T network or on your premises. A diverse set of “feeds” from security devices and services is recommended in order to get a better view of identified threats to your systems and take full advantage of the CLMS/ATLAS system’s correlation capabilities. The intelligence produced is used by AT&T’s security analysis team to make security recommendations to you. Security recommendations, in the form of an email or a phone call, may vary in detail depending on type of incident, granularity of visibility within the network and breadth of the view. The response will be both verbal (phone call) and written (e-mailed) for severe and high incidents, and written only (e-mailed) for others as appropriate.

Alerting functionality

- “Actionable” alerts are generated
 - Suppression of duplicates and false positives
 - Correlation of information from multiple sources
 - Ongoing refinement of algorithms and thresholds
- Alerts are surrounded with contextual “drill-down” information
 - English language alert names and descriptions
 - Underlying event drill downs from Alert information
 - Alerts to IP, protocol, port, and other relevant information
 - Queries are available for supplemental details
- Flexible layered design for managing correlated alerts
 - Real-time correlation engine performs short interval inspection and alarming
 - Log Center queries allow data mining over days, weeks and months

7.2.4.1 SIEM Web Based Security Dashboard

The service shall include a web based portal providing authorized users a security dashboard. The security dashboard shall provide 24x365 access to security reports.

The reports shall provide security information on devices and agents, individually and aggregated. Contractor’s escalation security incident report shall contain (when applicable):

1. Identity of the affected device and its location;
2. Timestamp of the incident;



- 3. Source/Destination addresses;
- 4. Threat signature information; and,
- 5. Packet dump.

Bidder shall describe its SIEM Web Based Security Dashboard offering.

Bidder understands the requirements in Section 7.2.4.1 and shall meet or exceed them? Yes No

Description:

CLMS/ATLAS Standard Reports

“Metrics” Reports	
Critical Alert Count	Displays the total number of security alerts that were presented to the CLMS/ATLAS Portal. Clicking on the count number will show the type of security alerts that were presented to the Security Analyst.
Top 10 Alerts	Displays the Top 10 TMS alerts and the number of times (count) the alert was presented to the portal. . Clicking on the count number will show the type of security alerts that were presented to the Security Analyst.
Top 10 Attacking IP’s	Displays the Top 10 Attacking IP addresses alerts and the number of times (count) the alert was presented to the portal. . Clicking on the count number will show the type of security alerts (for that IP address) that were presented to the Security Analyst. Also clicking on the IP address will spawn an IP address lookup query to identify the owner of the IP address.
Device/Service Alarms	Displays the devices (sources) where the alerts are being reported. Clicking on the count number will show the type of security alerts (that were presented to the Security Analyst number from that device.
Case Counts	Displays the total number of security cases that were presented to the TMS Portal. Clicking on the count number will show the type of security cases/alerts that were presented to the Security Analyst.
Case Summary	Displays the total number of security cases that were presented to the TMS Portal. Listed by Severity (Critical, High, Medium and Low) and listing the number of the cases. Clicking on the count number will show the Severity types of security cases that were presented to the Security Analyst.
Bridge Assignment Count	Displays the total number of Technical Security Conference bridges that were activated for given “critical” security related even.
Case Incident Type Summary	Displays the total number of Case Incident Type Summary by hour, day week and month. Clicking on the state (i.e., Security Incident



	Phone, Email) will show the cases that were reported and the hour, day, week, month will display those related cases.
--	---

“Quarterly Metrics” Reports	
Critical Alert Count	Displays the total number of security alerts that were presented to the TMS Portal. Clicking on the count number will show the type of security alerts that were presented to the Security Analyst.
Top 10 Alerts	Displays the Top 10 TMS alerts and the number of times (count) the alert was presented to the portal. . Clicking on the count number will show the type of security alerts that were presented to the Security Analyst.
Top 10 Attacking IP’s	Displays the Top 10 Attacking IP addresses alerts and the number of times (count) the alert was presented to the portal. Clicking on the count number will show the type of security alerts (for that IP address) that were presented to the Security Analyst. Also clicking on the IP address will spawn an IP address lookup query to identify the owner of the IP address.
Device/Service Alarms	Displays the devices (sources) where the alerts are being reported. Clicking on the count number will show the type of security alerts (that were presented to the Security Analyst number from that device.
Case Counts	Displays the total number of security cases that were presented to the TMS Portal. Clicking on the count number will show the type of security cases/alerts that were presented to the Security Analyst.
Case Summary	Displays the total number of security cases that were presented to the TMS Portal. Listed by Severity (Critical, High, Medium and Low) and listing the number of the cases. Clicking on the count number will show the Severity types of security cases that were presented to the Security Analyst.
Advisories	Displays the total number of Security Advisories that the SOC security team has published, file or deleted. These security advisories/bulletins are related to new vulnerabilities (i.e. Microsoft, Cisco etc) that a particular vendor publishes.
Internet Protect Alerts	Displays the total number of Internet Protect Alerts that have been published. Clicking on the count will show the Internet Protect Alerts for that given status that were published. AT&T Internet Protect provides a "network security" picture at a glance. The AT&T Internet Protect security team utilizes the latest tools and techniques to compile this information and alert on.
“Admin Alert” Reports	Include Graphical Charts which show the Alert Counts from the various sources (see below for sample sources of the data) <ul style="list-style-type: none"> • E-mail



“Quarterly Metrics” Reports	
	<ul style="list-style-type: none"> • IDS • IPS • Firewall • VPN Servers • Non-security-related devices (routers, switches, etc.) • Data-leak detection • Authentication servers • Personnel / HR Database
Weekly “Threat Management” Reports	<p>A Threat Management report is produced by AT&T CSO security teams each week as a summary of published information concerning security issues and related security information.</p> <p>Note: The user has the ability to see the report for a particular day by manipulating the input at the top of the screen and to show CI Flash from a selected date.</p>
“User Stats” Report	<p>Showing the user stats for the teams that utilize the CLMS/ATLAS portal listed by: HR ID, ID First/Last Name, Created Cases, Closed Cases, and Messages (entered into the case).</p> <p>Note: The user has the ability to see data for a particular day by manipulating the inputs (date selection) at the top of the screen and then selecting the “Show Metrics” button</p>

7.2.4.2 SIEM Features

The Contractor shall offer the Web Security and Filtering features detailed in Table 7.2.4.2.a.

1. Additional Devices Ordered Above Tier Maximum

The Contractor shall utilize the pricing structure identified below that allows for an initial installation and supplemental augmentation of the initial installation. This allows for the addition of devices beyond the number installed without requiring the Customer to be charged for the next feature/pricing install tier.

2. Additional Devices Ordered Below Tier Maximum

If the initial order of devices is less than the maximum number allowed within the tier, no additional charges shall apply for additional devices up to the maximum number allowed by the tier.

Table 7.2.4.2.a. SIEM Features





**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
1	SIEM, 1 – 15 Devices	SIEM service as described in Section 7.2.4.	Y		CLMS1
<p>Bidder's Product Description:</p> <p>CLMS/ATLAS is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs as described below. Tier 1 is an initial enablement of 1 – 15 devices.</p> <p>Includes: Standard CLMS/ATLAS storage of 30 days Raw, 90 days processed, and 1 Year archived.</p> <ul style="list-style-type: none"> • Raw - raw alerts, every alarm generated by security device. • Processed - duplicate alerts eliminated and alert data is parsed by pre-determined algorithms. • Archived - can either be raw or processed, customer can specify which to use. By default AT&T will store archived. <p>Initial enablement of the service is performed by our Managed Security Services (MSS) Security Operations Center (SOC) including planning, deployment, systems assurance, and hand-off to operations. Customer assistance is required for completion of the planning materials, as well as coordination of enablement. Including a limited scope consulting engagement in which AT&T consultants perform network mapping and identify any potential issues to the implementation of the service prior to enablement. A report will be generated to the customer at the conclusion of the engagement. Tier 1 includes 16 hours of consulting.</p>					
2	Each additional	Each additional device above 15.	Y		CLMS1A
<p>Bidder's Product Description:</p> <p>Each additional device added after the initial enablement will incur a separate one-time charge. Each additional device above the Tier threshold will include an additional monthly recurring charge as well as the one-time charge. Tier 1 threshold is 15 devices.</p>					
3	16-40 Devices	SIEM service as described in Section 7.2.4.	Y		CLMS2
<p>Bidder's Product Description:</p> <p>CLMS/ATLAS is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs as described below. Tier 2 is an initial enablement of 16 – 40 devices.</p> <p>Includes: Standard CLMS/ATLAS storage of 30 days Raw, 90 days processed, and 1 Year archived.</p> <ul style="list-style-type: none"> • Raw - raw alerts, every alarm generated by security device. 					



	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N	Bidder's Product Identifier
		<ul style="list-style-type: none"> Processed - duplicate alerts eliminated and alert data is parsed by pre-determined algorithms. Archived - can either be raw or processed, customer can specify which to use. By default AT&T will store archived. <p>Initial enablement of the service is performed by our Managed Security Services (MSS) Security Operations Center (SOC) including planning, deployment, systems assurance, and hand-off to operations. Customer assistance is required for completion of the planning materials, as well as coordination of enablement. Including a limited scope consulting engagement in which AT&T consultants perform network mapping and identify any potential issues to the implementation of the service prior to enablement. A report will be generated to the customer at the conclusion of the engagement. Tier 2 includes 23 hours of consulting.</p>		
4	Each additional	Each additional device above 40.	Y	CLMS2A
	<p>Bidder's Product Description:</p> <p>Each additional device added after the initial enablement will incur a separate one-time charge. Each additional device above the Tier threshold will include an additional monthly recurring charge as well as the one-time charge. Tier 2 threshold is 40 devices.</p>			
5	41-100 Devices	SIEM service as described in Section 7.2.4.	Y	CLMS3
	<p>Bidder's Product Description:</p> <p>CLMS/ATLAS is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs as described below. Tier 3 is an initial enablement of 41 – 100 devices.</p> <p>Includes: Standard CLMS/ATLAS storage of 30 days Raw, 90 days processed, and 1 Year archived.</p> <ul style="list-style-type: none"> Raw - raw alerts, every alarm generated by security device. Processed - duplicate alerts eliminated and alert data is parsed by pre-determined algorithms. Archived - can either be raw or processed, customer can specify which to use. By default AT&T will store archived. 			



**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
		Initial enablement of the service is performed by our Managed Security Services (MSS) Security Operations Center (SOC) including planning, deployment, systems assurance, and hand-off to operations. Customer assistance is required for completion of the planning materials, as well as coordination of enablement. Including a limited scope consulting engagement in which AT&T consultants perform network mapping and identify any potential issues to the implementation of the service prior to enablement. A report will be generated to the customer at the conclusion of the engagement. Tier 3 includes 26 hours of consulting.			
6	Each additional	Each additional device above 100.	Y		CLMS3A
	Bidder's Product Description: Each additional device added after the initial enablement will incur a separate one-time charge. Each additional device above the Tier threshold will include an additional monthly recurring charge as well as the one-time charge. Tier 3 threshold is 100 devices.				
7	101-250 Devices	SIEM service as described in Section 7.2.4.	Y		CLMS4
	Bidder's Product Description: CLMS/ATLAS is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs as described below. Tier 4 is an initial enablement of 101 – 250 devices. Includes: Standard CLMS/ATLAS storage of 30 days Raw, 90 days processed, and 1 Year archived. <ul style="list-style-type: none"> • Raw - raw alerts, every alarm generated by security device. • Processed - duplicate alerts eliminated and alert data is parsed by pre-determined algorithms. • Archived - can either be raw or processed, customer can specify which to use. By default AT&T will store archived. Initial enablement of the service is performed by our Managed Security Services (MSS) Security Operations Center (SOC) including planning, deployment, systems assurance, and hand-off to operations. Customer assistance is required for completion of the planning materials, as well as coordination of enablement. Including a limited scope consulting engagement in which AT&T consultants perform network mapping and identify any potential issues to the implementation of the service prior to enablement. A report will be generated to the customer at the conclusion of the engagement. Tier 4 includes 31 hours of consulting.				
8	Each additional	Each additional device above 250.	Y		CLMS4A
	Bidder's Product Description:				





	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N		Bidder's Product Identifier
		Each additional device added after the initial enablement will incur a separate one-time charge. Each additional device above the Tier threshold will include an additional monthly recurring charge as well as the one-time charge. Tier 4 threshold is 250 devices.			
9	251-1000 Devices	SIEM service as described in Section 7.2.4.	Y		CLMS5
	<p>Bidder's Product Description:</p> <p>CLMS/ATLAS is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs as described below. Tier 5 is an initial enablement of 251 – 1,000 devices.</p> <p>Includes: Standard CLMS/ATLAS storage of 30 days Raw, 90 days processed, and 1 Year archived.</p> <ul style="list-style-type: none"> • Raw - raw alerts, every alarm generated by security device. • Processed - duplicate alerts eliminated and alert data is parsed by pre-determined algorithms. • Archived - can either be raw or processed, customer can specify which to use. By default AT&T will store archived. <p>Initial enablement of the service is performed by our Managed Security Services (MSS) Security Operations Center (SOC) including planning, deployment, systems assurance, and hand-off to operations. Customer assistance is required for completion of the planning materials, as well as coordination of enablement. Including a limited scope consulting engagement in which AT&T consultants perform network mapping and identify any potential issues to the implementation of the service prior to enablement. A report will be generated to the customer at the conclusion of the engagement. Tier 5 includes 41 hours of consulting.</p>				
10	Each additional	Each additional device above 1000.	Y		CLMS5A
	<p>Bidder's Product Description:</p> <p>Each additional device added after the initial enablement will incur a separate one-time charge. Each additional device above the Tier threshold will include an additional monthly recurring charge as well as the one-time charge. Tier 5 threshold is 1,000 devices.</p>				
11	1001-2500 Devices	SIEM service as described in Section 7.2.4.	Y		CLMS6
	<p>Bidder's Product Description:</p>				



	Feature Name	Feature Description	Bidder Meets or Exceeds? Y N	Bidder's Product Identifier
	<p>CLMS/ATLAS is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs as described below. Tier 6 is an initial enablement of 1,001 – 2,500 devices.</p> <p>Includes: Standard CLMS/ATLAS storage of 30 days Raw, 90 days processed, and 1 Year archived.</p> <ul style="list-style-type: none"> • Raw - raw alerts, every alarm generated by security device. • Processed - duplicate alerts eliminated and alert data is parsed by pre-determined algorithms. • Archived - can either be raw or processed, customer can specify which to use. By default AT&T will store archived. <p>Initial enablement of the service is performed by our Managed Security Services (MSS) Security Operations Center (SOC) including planning, deployment, systems assurance, and hand-off to operations. Customer assistance is required for completion of the planning materials, as well as coordination of enablement. Including a limited scope consulting engagement in which AT&T consultants perform network mapping and identify any potential issues to the implementation of the service prior to enablement. A report will be generated to the customer at the conclusion of the engagement. Tier 6 includes 48 hours of consulting.</p>			
12	Each additional	Each additional device above 2500.	Y	CLMS6A
	<p>Bidder's Product Description:</p> <p>Each additional device added after the initial enablement will incur a separate one-time charge. Each additional device above the Tier threshold will include an additional monthly recurring charge as well as the one-time charge. Tier 6 threshold is 2,500 devices.</p>			

The Contractor may offer Unsolicited SIEM features in Table 7.2.4.2.b.

Table 7.2.4.2.b Unsolicited SIEM Features

	Feature Name	Feature Description	Bidder's Product Identifier
1	SIEM, 2501-5000 Devices	SIEM service as described in Section 7.2.4.	CLMS7
	<p>Bidder's Product Description:</p>		





IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
		<p>CLMS/ATLAS is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs as described below. Tier 7 is an initial enablement of 2,501 – 5,000 devices.</p> <p>Includes: Standard CLMS/ATLAS storage of 30 days Raw, 90 days processed, and 1 Year archived.</p> <ul style="list-style-type: none"> • Raw - raw alerts, every alarm generated by security device. • Processed - duplicate alerts eliminated and alert data is parsed by pre-determined algorithms. • Archived - can either be raw or processed, customer can specify which to use. By default AT&T will store archived. <p>Initial enablement of the service is performed by our Managed Security Services (MSS) Security Operations Center (SOC) including planning, deployment, systems assurance, and hand-off to operations. Customer assistance is required for completion of the planning materials, as well as coordination of enablement. Including a limited scope consulting engagement in which AT&T consultants perform network mapping and identify any potential issues to the implementation of the service prior to enablement. A report will be generated to the customer at the conclusion of the engagement. Tier 7 includes 48 hours of consulting.</p>	
2	Each additional	Each additional device above 5,000.	CLMS7A
	<p>Bidder's Product Description:</p> <p>Each additional device added after the initial enablement will incur a separate one-time charge. Each additional device above the Tier threshold will include an additional monthly recurring charge as well as the one-time charge. Tier 7 threshold is 5,000+ devices.</p>		
3	CLMS/ATLAS Tier 1 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 1 Per Incremental Year of Storage used with CLMS1.	CLMY1
	<p>Bidder's Product Description:</p> <p>If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.</p>		
4	CLMS/ATLAS Tier 2 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 2 Per Incremental Year of Storage used with CLMS2.	CLMY2
	<p>Bidder's Product Description:</p> <p>If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.</p>		





IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
5	CLMS/ATLAS Tier 3 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 3 Per Incremental Year of Storage used with CLMS3.	CLMY3
	Bidder's Product Description: If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.		
6	CLMS/ATLAS Tier 4 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 4 Per Incremental Year of Storage used with CLMS4	CLMY4
	Bidder's Product Description: If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.		
7	CLMS/ATLAS Tier 5 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 5 Per Incremental Year of Storage used with CLMS5.	CLMY5
	Bidder's Product Description: If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.		
8	CLMS/ATLAS Tier 6 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 6 Per Incremental Year of Storage used with CLMS6.	CLMY6
	Bidder's Product Description: If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.		
9	CLMS/ATLAS Tier 7 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 7 Per Incremental Year of Storage used with CLMS7.	CLMY7
	Bidder's Product Description: If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.		





**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

	Feature Name	Feature Description	Bidder's Product Identifier
10	CLMS/ATLAS Device Interface	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Custom (Non-standard) Device Interface	CLMCDI
	Bidder's Product Description: Devices not included in the Supported Devices List incur a One-Time charge per each unique device (or group of devices). If a customer has multiple devices of the same type with the same operating environment, one fee will be levied. Development time may vary, and will be identified at time of request. Check with your AT&T Account Team to determine if your device is supported.		
11	CLMS/ATLAS Report	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Custom (Non-standard) Report	CLMRPT
	Bidder's Product Description: Customers requiring special reports not listed in the SETA REPORTS List will incur a One-Time charge per each report. Development time may vary.		
12	Custom Log Sources – Level 1	Custom Log Sources – Level 1	CLMC1
	Bidder's Product Description: Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 1 is a threshold of 15 devices.		
13	Custom Log Sources – Level 2	Custom Log Sources – Level 2	CLMC2
	Bidder's Product Description: Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 2 is a threshold of 40 devices.		
14	Custom Log Sources – Level 3	Custom Log Sources – Level 3	CLMC3
	Bidder's Product Description: Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 3 is a threshold of 100 devices.		
15	Custom Log Sources – Level 4	Custom Log Sources – Level 4	CLMC4
	Bidder's Product Description: Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 4 is a threshold of 250 devices.		





	Feature Name	Feature Description	Bidder's Product Identifier
16	Custom Log Sources – Level 5	Custom Log Sources – Level 5	CLMC5
	Bidder's Product Description: Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 5 is a threshold of 1000 devices.		
17	Custom Log Sources – Level 6	Custom Log Sources – Level 6	CLMC6
	Bidder's Product Description: Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 6 is a threshold of 2500 devices.		
18	Custom Log Sources – Level 7	Custom Log Sources – Level 7	CLMC7
	Bidder's Product Description: Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 7 is a threshold of 5000+ devices.		
19	Advanced Correlation – Tier 1	Advanced Correlation – Tier 1	CLMA1
	Bidder's Product Description: Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier). Tier 1 is a threshold of 15 devices.		
20	Advanced Correlation – Tier 2	Advanced Correlation – Tier 2	CLMA2
	Bidder's Product Description: Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier). Tier 2 is a threshold of 40 devices.		
21	Advanced Correlation – Tier 3	Advanced Correlation – Tier 3	CLMA3
	Bidder's Product Description: Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier). Tier 3 is a threshold of 100 devices.		



	Feature Name	Feature Description	Bidder's Product Identifier
22	Advanced Correlation – Tier 4	Advanced Correlation – Tier 4	CLMA4
	Bidder's Product Description: Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier). Tier 4 is a threshold of 250 devices.		
23	Advanced Correlation – Tier 5	Advanced Correlation – Tier 5	CLMA5
	Bidder's Product Description: Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier). Tier 5 is a threshold of 1000 devices.		
24	Advanced Correlation – Tier 6	Advanced Correlation – Tier 6	CLMA6
	Bidder's Product Description: Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier). Tier 6 is a threshold of 2500 devices.		
25	Advanced Correlation – Tier 7	Advanced Correlation – Tier 7	CLMA7
	Bidder's Product Description: Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier). Tier 7 is a threshold of 5000+ devices.		
	AT&T VSS-PRO (Vulnerability Scanning Service)	AT&T VSS-PRO (Vulnerability Scanning Service)	Multiple (see IDs below)
Bidder's Product Description: The VSS-Pro service is used to conduct host discovery and/or vulnerability scans on external and/or internal IP-based systems and networks. A variety of scanning techniques are employed to survey the security posture of the target IP-based systems and networks. These scans proactively test for known vulnerabilities and the existence of mainstream industry practice security configurations. External scanning addresses all Internet-facing assets such as routers, firewalls, web servers, and e-mail servers for potential security weaknesses, checking for the "open doors" that could allow a hacker to gain unauthorized access to the network and exploit critical assets. Internal scanning addresses all internal assets such as workstations, intranet			



	Feature Name	Feature Description	Bidder's Product Identifier
	<p>servers, and printers for Trojans, improper configurations, peer-to-peer (PTP) file sharing programs such as Morpheus, Kazaa, etc., and more.</p> <p>The VSS-Pro service also provides workflow management, host-based risk assignments, and remediation progress reporting. In addition, VSS-Pro includes assistance in setting up and maintaining scan profiles and scheduling, project management of the customer's remediation efforts (regardless of whether they are handled by the customer's IT staff or 3rd party provider), and provides access to AT&T's staff of security analysts for additional information and guidance regarding more complex technical issues.</p> <p>In addition to the portal view, critical vulnerabilities that are identified are forwarded on a regular basis to the CLMS/ATLAS systems for correlation with other events within the network. Understand the vulnerabilities that exist, and the threats against these assets can be another critical element in the detection and prevention of a successful attack from either external or internal resources or devices.</p>		
26	VSS-PRO Reconnaissance Network Appliance (RNA) Set UP - Desktop	VSS -PRO Reconnaissance Network Appliance (RNA) Set UP - Desktop	VSSDRN
	Bidder's Product Description: Desktop RNA Installation and Set Up		
27	VSS-PRO Reconnaissance Network Appliance (RNA) Set UP - Rackmount	VSS-PRO Reconnaissance Network Appliance (RNA) Set UP - Rackmount	VSSRRN
	Bidder's Product Description: Rackmount RNA Installation and Set Up		
28	VSS-PRO- Quarterly Scanning 130	VSS-PRO- Quarterly Scanning 130	VSSQ130
	Bidder's Product Description: Up to 130 devices		
29	VSS-PRO- Quarterly Scanning 250	VSS-PRO- Quarterly Scanning 250	VSSQ250
	Bidder's Product Description: Up to 250 devices		



IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
30	VSS-PRO– Quarterly Scanning 500	VSS-PRO– Quarterly Scanning 500	VSSQ500
	Bidder's Product Description: Up to 500 devices		
31	VSS-PRO– Quarterly Scanning 1000	VSS-PRO– Quarterly Scanning 1000	VSSQ1K
	Bidder's Product Description: Up to 1000 devices		
32	VSS-PRO– Quarterly Scanning 2000	VSS-PRO– Quarterly Scanning 2000	VSSQ2K
	Bidder's Product Description: Up to 2000 devices		
33	VSS-PRO– Quarterly Scanning 3000	VSS-PRO– Quarterly Scanning 3000	VSSQ3K
	Bidder's Product Description: Up to 3000 devices		
34	VSS-PRO– Quarterly Scanning 3000+ per 1K incremental	VSS-PRO– Quarterly Scanning 3000+	VSSQ3KP
	Bidder's Product Description: Each added 1K above 3K		
35	VSS-PRO– Monthly Scanning 130	VSS-PRO– Monthly Scanning 130	VSSM130
	Bidder's Product Description: Up to 130 devices		
36	VSS-PRO– Monthly Scanning 250	VSS-PRO– Monthly Scanning 250	VSSM250





IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
	Bidder's Product Description: Up to 250 devices		
37	VSS-PRO– Monthly Scanning 500	VSS-PRO– Monthly Scanning 500	VSSM500
	Bidder's Product Description: Up to 500 devices		
38	VSS-PRO– Monthly Scanning 1000	VSS-PRO– Monthly Scanning 1000	VSSM1K
	Bidder's Product Description: Up to 1000 devices		
39	VSS-PRO– Monthly Scanning 2000	VSS-PRO– Monthly Scanning 2000	VSSM2K
	Bidder's Product Description: Up to 2000 devices		
40	VSS-PRO– Monthly Scanning 3000	VSS-PRO– Monthly Scanning 3000	VSSM3K
	Bidder's Product Description: Up to 3000 devices		
41	VSS-PRO– Monthly Scanning 3000+ per 1K incremental	VSS-PRO– Monthly Scanning 3000+	VSSM3KP
	Bidder's Product Description: Each added 1K above 3K		
42	VSS-PRO– On Demand Scanning 130	VSS-PRO– On Demand 130	VSSD130
	Bidder's Product Description: Up to 130 devices		



**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

	Feature Name	Feature Description	Bidder's Product Identifier
43	VSS-PRO– On Demand Scanning 250	VSS-PRO– On Demand 250	VSSD250
	Bidder's Product Description: Up to 250 devices		
44	VSS-PRO– On Demand Scanning 500	VSS-PRO– On Demand 500	VSSD500
	Bidder's Product Description: Up to 500 devices		
45	VSS-PRO– On Demand Scanning 1000	VSS-PRO– On Demand 1000	VSSD1K
	Bidder's Product Description: Up to 1000 devices		
46	VSS-PRO– On Demand Scanning 2000	VSS-PRO– On Demand 2000	VSSD2K
	Bidder's Product Description: Up to 2000 devices		
47	VSS-PRO– On Demand Scanning 3000	VSS-PRO– On Demand 3000	VSSD3K
	Bidder's Product Description: Up to 3000 devices		
48	VSS-PRO – On Demand Scanning 3000+	VSS-PRO – On Demand 3000+ per 1K incremental	VSSD3KP
	Bidder's Product Description: Each added 1K above 3K		



IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
49	Network Security Consultant I	Pre-implementation site survey and network security design. Provides basic consulting skills. Conducts assessments and design for non-complex installations. Only to be sold in conjunction with the support of services specifically listed in Category 7.	NSCLT1
	Bidder's Product Description: Site Survey – Facility site survey required for successful design and implementation. Network Design – Design for Services supporting network security.		
50	Network Security Consultant II	Pre-implementation site survey and network security design. Provides advanced consulting skills. Conducts assessments and design for complex installations. Only to be sold in conjunction with the support of services specifically listed in Category 7.	NSCLT2
	Bidder's Product Description: Site Survey – Facility site survey required for successful design and implementation. Network Design – Design for services supporting network security.		
51	Senior Network Security Consultant	Pre-implementation site survey and network security design. Provides advanced consulting skills across multiple disciplines. Conducts assessments and design for complex installations involving multiple technologies. Only to be sold in conjunction with the support of services specifically listed in Category 7.	SNSCLT
	Bidder's Product Description: Site Survey – Facility site survey required for successful design and implementation. Network Design – Design for services supporting network security.		
52	Principal Network Security Architect	Pre-implementation site survey and network security design. Provides highly advanced consulting skills across multiple disciplines. Conducts assessments, design, and overall technical oversight for highly complex installations involving multiple technologies. Only to be sold in conjunction with the support of services specifically listed in Category 7.	PNSARHT
	Bidder's Product Description: Site Survey – Facility site survey required for successful design and implementation. Network Design – Design for services supporting network security.		





**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

	Feature Name	Feature Description	Bidder's Product Identifier
53	Network Security Consultant I	Implementation network security consultant performs basic on-site installation and tests interoperability with other products. During normal business hours, Mon – Fri 8am – 5pm. Only to be sold in conjunction with the support of services specifically listed in Category 7.	NSCLT1N
	Bidder's Product Description: Implementation professional service combines a well-trained, well-equipped integration team with a highly skilled support organization to seamlessly install and integrate your new network. AT&T engineers perform installation and have extensive experience with numerous technologies, environments, and manufacturers' equipment. We test interoperability with other products.		
54	Network Security Consultant I	Implementation network security consultant performs basic on-site installation and tests interoperability with other products. During outside of normal business hours, Sat, Sun & Holidays. Only to be sold in conjunction with the support of services specifically listed in Category 7.	NSCLT1O
	Bidder's Product Description: Implementation professional service combines a well-trained, well-equipped integration team with a highly skilled support organization to seamlessly install and integrate your new network. AT&T engineers perform installation and have extensive experience with numerous technologies, environments, and manufacturers' equipment. We test interoperability with other products.		
55	Network Security Consultant II	Implementation network security consultant performs advanced on-site installation and tests interoperability with other products. During normal business hours, Mon – Fri, 8am – 5pm. Only to be sold in conjunction with the support of services specifically listed in Category 7.	NSCLT2N
	Bidder's Product Description: Implementation is a professional service combines a well-trained, well-equipped integration team with a highly skilled support organization to seamlessly install and integrate your new network. AT&T engineers perform installation and have extensive experience with numerous technologies, environments, and manufacturers' equipment. We test interoperability with other products.		





**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

	Feature Name	Feature Description	Bidder's Product Identifier
56	Network Security Consultant II	Implementation network security consultant performs advanced on-site installation and tests interoperability with other products. During outside of normal business hours, Sat, Sun & Holidays. Only to be sold in conjunction with the support of services specifically listed in Category 7.	NSCLT20
	Bidder's Product Description: Implementation professional service combines a well-trained, well-equipped integration team with a highly skilled support organization to seamlessly install and integrate your new network. AT&T engineers perform installation and have extensive experience with numerous technologies, environments, and manufacturers' equipment. We test interoperability with other products.		
57	Network Security Project Manager	Network Security implementation project manager coordinates project resources including your staff and other internal AT&T resources. The project manager defines the project responsibility assignments for you. During normal business hours, Mon – Fri 8am – 5pm. Only to be sold in conjunction with the support of services specifically listed in Category 7.	NSPMGR N
	Bidder's Product Description: Project management for complex network security solutions, . Project Management includes the statement of work, master schedule and site schedules, project acceptance criteria, and other key deliverables that support your overall plan. Project Management provides a project manager who coordinates project resources including your staff and other internal AT&T resources. Our project managers define the project responsibility assignments for you.		
58	Network Security Project Manager	Network Security implementation project manager coordinates project resources including your staff and other internal AT&T resources. The project manager defines the project responsibility assignments for you. During outside of normal business hours, Sat, Sun and Holidays. Only to be sold in conjunction with the support of services specifically listed in Category 7.	NSPMGR O
	Bidder's Product Description: Project management for complex network security solutions. Project Management includes the statement of work, master schedule and site schedules, project acceptance criteria, and other key deliverables that support your overall plan. Project Management provides a project manager who coordinates project resources including your staff and other internal AT&T resources. Our project managers define the project responsibility assignments for you.		





	Feature Name	Feature Description	Bidder's Product Identifier
	Premises Based Firewall Service (PBFW) (AT&T Owned and Managed – Complete Service	Premises Based Firewall Service (PBFW) – Complete Service	Multiple IDs (see below)
	Bidder's Product Description: The AT&T owned and managed Premises-Based Firewall Service – Complete Service provides a highly functional layer of security to your networks. The service is a fully managed bundled solution, which includes all hardware and software components, configuration, installation, day to day management and maintenance, as well as expert customer support and proactive network monitoring. The PBFW service can forward log information to the CLMS/ATLAS for advanced correlation within the network. With the ability to understand the communications as well as the ability to actively modify rules with customer approval based on attack information gathered from the CLMS/ATLAS system, AT&T can provide that additional level of protection and ability to not only report, but act on actionable events.		
	Cisco Configurations – Managed PBFW	Cisco Configurations - Managed PBFW	Multiple IDs (See Below)
	Bidder's Product Description: Cisco Configurations - Managed PBFW		
59	Cisco Single Firewall for Large Office	Cisco Single Firewall for Large Office	PFSLC
	Bidder's Product Description: AT&T Owned and Managed Cisco Single firewall for large office – 650 Mbps Firewall Throughput		
60	Cisco Single Firewall for Medium Office	Cisco Single Firewall for Medium Office	PFSMC
	Bidder's Product Description: AT&T Owned and Managed Cisco Single firewall for Medium office – 450 Mbps Firewall Throughput		
61	Cisco Single Firewall for Small Office	Cisco Single Firewall for Small Office	PFSSC



	Feature Name	Feature Description	Bidder's Product Identifier
	Bidder's Product Description: AT&T Owned and Managed Cisco Single firewall for small office – 300 Mbps Firewall Throughput		
62	Cisco High Availability Firewall for Extra Large Office	Cisco High Availability Firewall for Extra Large Office	P FELHAC
	Bidder's Product Description: AT&T Owned and Managed Cisco High Availability Firewall for Extra Large Office - 1.2 Gbps Firewall Throughput		
63	Cisco High Availability Firewall for Large Office	Cisco High Availability Firewall for Large Office	P FLHAC
	Bidder's Product Description: AT&T Owned and Managed Cisco High Availability Firewall for Large Office – 650 Mbps Firewall Throughput		
64	Cisco High Availability Firewall for Medium Office	Cisco High Availability Firewall for Medium Office	P FMHAC
	Bidder's Product Description: AT&T Owned and Managed Cisco High Availability Firewall for Medium Office – 450 Mbps Firewall Throughput		
	Fortigate Configurations – Managed PFW	Fortigate Configurations - Managed PFW	Multiple IDs (See Below)
	Bidder's Product Description: Fortigate Configurations - Managed PFW		
65	Enterprise Office for Fortigate Single Firewall	Fortigate Single Firewall for Enterprise Office	P FEOS
	Bidder's Product Description: Managed firewall service monthly recurring fee including single Fortigate CPE, all required licensing and full AT&T management – 10 Gbps Firewall Throughput.		



IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
66	Fortigate Single Firewall for Extra Large Office	Fortigate Single Firewall for Extra Large Office	PFSELF
	Bidder's Product Description: Managed firewall service monthly recurring fee including single Fortigate CPE, all required licensing and full AT&T management – 5 Gbps Firewall Throughput.		
67	Fortigate Single Firewall for Large Office	Fortigate Single Firewall for Large Office	PFSLF
	Bidder's Product Description: Managed firewall service monthly recurring fee including single Fortigate CPE, all required licensing and full AT&T management – 500 Mbps Firewall Throughput.		
68	Fortigate Single Firewall for Medium Office	Fortigate Single Firewall for Medium Office	PFSMF
	Bidder's Product Description: Managed firewall service monthly recurring fee including single Fortigate CPE, all required licensing and full AT&T management – 100 Mbps Firewall Throughput.		
69	Fortigate Single Firewall Small Office	Fortigate Single Firewall for Small Office	PFSSF
	Bidder's Product Description: Managed firewall service monthly recurring fee including single Fortigate CPE, all required licensing and full AT&T management – 10 Mbps Firewall Throughput.		
70	Fortigate Single Firewall for SOHO Office	Fortigate Single Firewall for SOHO Office	PFSSHf
	Bidder's Product Description: Managed firewall service monthly recurring fee including single Fortigate CPE, all required licensing and full AT&T management – 5 Mbps Firewall Throughput.		
71	Enterprise Office for Fortigate High Availability Firewall	Fortigate High Availability Firewall for Enterprise Office	PFEOHAF
	Bidder's Product Description:		





IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
	Managed firewall service monthly recurring fee including HA Fortigate CPE, all required licensing and full AT&T management – 10 Gbps Firewall Throughput.		
72	Fortigate High Availability Firewall for Extra Large Office	Fortigate High Availability Firewall for Extra Large Office	PFELHAF
	Bidder's Product Description: Managed firewall service monthly recurring fee including HA Fortigate CPE, all required licensing and full AT&T management – 5 Gbps Firewall Throughput.		
73	Fortigate High Availability Firewall for Large Office	Fortigate High Availability Firewall for Large Office	PFLHAF
	Bidder's Product Description: Managed firewall service monthly recurring fee including HA Fortigate CPE, all required licensing and full AT&T management – 500 Mbps Firewall Throughput.		
74	Fortigate High Availability Firewall for Medium Office	Fortigate High Availability Firewall for Medium Office	PFMOHAF
	Bidder's Product Description: Managed firewall service monthly recurring fee including HA Fortigate CPE, all required licensing and full AT&T management – 100 Mbps Firewall Throughput.		
	Firewall Optional Add-On Features	Fortigate optional features for all Firewall Platforms (Single & High Availability)	Multiple (see IDs below)
	Bidder's Product Description:		
75	IPS Add-On – MIDS 3	IPS Add-On provides the customer with intrusion protection capability to the firewall. Includes the following: <ul style="list-style-type: none"> • 7x24 monitoring • CPE Managed Option (customized to equipment) • Signature updates • Vendor updates (3-5 business days) • Emergency updates (24 hours) • Incident Notification (Email for medium alerts within; High includes a telephone call) 	OPTIPSF



**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

	Feature Name	Feature Description	Bidder's Product Identifier
		<ul style="list-style-type: none"> • Sensor Configuration: <ul style="list-style-type: none"> ○ Custom Tuning ○ Continuous Sensor Tuning ○ Custom Signatures (20) • Sensor Location: <ul style="list-style-type: none"> ○ Alarm Analysis ○ Event Correlation & Analysis with additional real time analyst support ○ Root cause analysis for high level alerts ○ Investigation support ○ Customer notification based on SLO ○ Attack signature recognition ○ Problem ticketing/Reporting ○ Initial configuration support ○ Configuration maintenance 	
	Bidder's Product Description:		
76	URL Filtering Add-On	URL Filtering Add-On provides the customer with basic URL filtering capability. Enables enterprises to build their own Web access policies by selectively blocking access to sites. Enables the customer to allow domain name control within the firewall to block specific sites.	OPTURLF
	Bidder's Product Description:		
77	Anti-virus Add-On	Anti-virus Add-On additional feature which will look for known malicious software and protect against threats.	OPTAVF
	Bidder's Product Description:		
78	IPSEC (VPN) Add-On	IPSEC (VPN) Add-On allows remote VPN user access to applications behind the firewall.	OPTVPN
	Bidder's Product Description:		
79	Additional Port Add-On (DMZ) (2+, First Port is included)	Additional Port Add-On (DMZ) (2+, First Port is included) to allow additional DMZ to segment the local area network into additional segments.	OPTPORT
	Bidder's Product Description:		



IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
	Premises Based Firewall Service (PBFW) Customer Owned and AT&T Managed – Complete Service	Premises Based Firewall Service (PBFW) Customer Owned and AT&T Managed – Complete Service	Multiple (see IDs below)
	Bidder's Product Description: The customer owned and AT&T managed Premises-Based Firewall Service – Complete Service provides a highly functional layer of security to your networks. The service is a fully managed solution, which includes day to day management and maintenance, as well as expert customer support and proactive network monitoring. The PBFW service can forward log information to the CLMS/ATLAS for advanced correlation within the network. With the ability to understand the communications as well as the ability to actively modify rules with customer approval based on attack information gathered from the CLMS/ATLAS system, AT&T can provide that additional level of protection and ability to not only report, but act on actionable events.		
80	Installation for Firewall Administration	Installation for Firewall Administration	PFCINST
	Bidder's Product Description: Installation for Firewall Administration		
81	Firewall Administration 1 to 4 firewalls	Firewall Administration 1 to 4 firewalls. Management Kit required.	PFCA4
	Bidder's Product Description: Firewall Administration 1 to 4 firewalls		
82	Firewall Administration 5 to 9 firewalls	Firewall Administration 5 to 9 firewalls. Management Kit required.	PFCA9
	Bidder's Product Description: Firewall Administration 5 to 9 firewalls		
83	Firewall Administration 10 to 19 firewalls	Firewall Administration 10 to 19 firewalls. Management Kit required.	PFCA19
	Bidder's Product Description:		





**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

	Feature Name	Feature Description	Bidder's Product Identifier
	Firewall Administration 10 to 19 firewalls		
84	Firewall Administration 20 to 29 firewalls	Firewall Administration 20 to 29 firewalls. Management Kit required.	PFCA29
	Bidder's Product Description: Firewall Administration 20 to 29 firewalls		
85	Firewall Administration 30 to 44 firewalls	Firewall Administration 30 to 44 firewalls. Management Kit required.	PFCA44
	Bidder's Product Description: Firewall Administration 30 to 44 firewalls		
86	Firewall Administration 45 or greater firewalls	Firewall Administration 45 or greater firewalls. Management Kit required.	PFCA45
	Bidder's Product Description: Firewall Administration 45 or greater firewalls		
87	Management Kit	Management Kit supports 4 Port out of band management including power and console connections for prewise based managed solutions. Requires customer provided Measured Business Line or equivalent.	PFCMK
	Bidder's Product Description: One Time charge for Management Kit		
	Managed Intrusion Detection Service - MIDS 3 (Customer owned and AT&T managed equipment)	Managed Intrusion Detection Service - MIDS 3 (Customer owned and AT&T managed equipment)	Multiple (see IDs below)
	Bidder's Product Description:		



IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
	<p>AT&T Managed Intrusion Detection Service provides security monitoring capabilities to include security audit, monitoring, attack recognition, control over employee Internet access, virus scanning, and incident response for customer owned equipment.</p> <p>AT&T Certified IPS Sensors is provided based on the number of zones monitored. The qualifications for multi-sensor/zone discounts:</p> <ul style="list-style-type: none"> • Counts are based on a per-department/organization order • Minimum of two monitored zones per location with Internet access point • Additional monitored IDS zones on same network count towards volume discount • Must include an AT&T management kit at the Internet access location. • Configuration may require separate security management demilitarized zone (DMZ) off the customer firewall. <p>The AT&T MIDS solution integrates into the CLMS/ATLAS to provide enhanced visibility into network segments protected by IPS/IDS capabilities. Alarms/alerts and log information from these IPS/IDS devices are correlated into the advanced analytics within CLMS/ATLAS to allow these factors discovered by the MIDS systems to aid in the detection of hacker activity within a network.</p>		
88	Setup for IPS	Installation Charge for IPS Service. MIDS Level 3 sensor placement must be behind a screening device (i.e., Firewall, screening router, etc.).	MICINST
	Bidder's Product Description: Installation charge for IPS Service		
89	IPS 1 to 59 zones	IPS 1 to 59 zones. Management Kit required.	MIC59
	Bidder's Product Description: Monthly recurring for IPS 1 to 59 zones		
90	IPS 60 to 89 zones	IPS 60 to 89 zones. Management Kit required.	MIC89
	Bidder's Product Description: Monthly recurring for IPS 60 to 89 zones		
91	IPS – 90 to 134 zones	IPS – 90 to 134 zones. Management Kit required.	MIC134
	Bidder's Product Description: Monthly recurring for IPS – 90 to 134 zones		





IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
92	IPS - 135 to 179 zones	IPS - 135 to 179 zones. Management Kit required.	MIC179
	Bidder's Product Description: Monthly recurring for IPS - 135 to 179 zones		
93	IPS 180 or greater zones	IPS 180 or greater zones. Management Kit required.	MIC180
	Bidder's Product Description: Monthly recurring for IPS 180 or greater zones		
	Managed Network Access Control (NAC) Service	Managed Network Access Control (NAC) Service (Required)	Multiple IDs (see below)
Bidder's Product Description: Managed Network Access Control Service (NAC) utilizes AT&T's expertise in endpoint security to analyze information about how endpoints impact the security posture of the network. Base service includes Hardware Other capabilities include: <ul style="list-style-type: none"> • Rogue Device Detection – Detects and alerts when unknown devices attempt to connect to a network (wired or wireless) • Advanced Asset Visibility – Identifies & classifies all devices with an IP address connecting to the network, by device & location on the network. Supports wired, wireless and VPN networks • Endpoint Compliance Identification – Remote inspection of Windows, Mac and Linux operating systems for compliance. Identify missing patches, out of date AV, required services not running, etc. Infractions can be reported on • Unauthorized Application Notification – Remote inspection of the endpoint will inventory the applications installed and notify on unauthorized applications • Misconfigured Asset Detection – Assets that have been misconfigured can be identified • IoT Device Detection – identify IoT devices on the network and ensure they are properly segmented to prevent the threat of botnets attacking the internal network or being used as a threat to other organizations • System Patching & Security Updates – Support, management, maintenance of management server and sensors • System Health monitoring for all NAC solution components • Technical Support – phone & remote-based support 24x7 • Real-time monitoring and alerting of NAC events 24x7 with response and notification to customer actionable events • Correlation NAC events in association with customer log event sources if provided by customer for analysis (Note: Requires ATLAS coverage for other supported log sources) 			





	Feature Name	Feature Description	Bidder's Product Identifier
		<ul style="list-style-type: none"> • Customer Web Portal – for reports, support tickets, log analyzer, log charts, security dashboard & web portal with alert data, event drill downs, graphs, etc. <p>NAC Reporting – On Rogue Device Detection and additional use cases the customer purchases. The Customer is required to provide the following:</p> <ul style="list-style-type: none"> •Internet Connection •Network documentation & flow diagrams, including topology, data flow, network switches, IP device assignment categories •Inbound & Outbound remote access via SSH to at least one sensor at each location •3 network ports on the core network switch for NAC sensors •A compatible managed switch and available ports •Internal management IP address for each sensor •Internal IP address for each network segment (or VLAN) •Customer is responsible for the configuration of a FQDN on the network domain for name resolution of the IP address assigned to the sensor for captive portal redirection •Physical installation and cabling of the sensor and other equipment included in service •Active participation as requested for review of network devices. May include confirmation and/or guidance regarding device categories of both known and unknown devices •If available, an OOB (Out of Band) method such as a IP KVM or Serial connection be connected to any sensor installed •Compatible managed switch, including switch documentation •Customer Project Manager/Coordinator and a Technical Resource to provide coordination of schedules and resources required for installation and configuration 	
94	Managed Network Access Control Service (NAC) – Tier 1	Managed Network Access Control Service (NAC) – Tier 1 (Small) -Advanced Visibility of Assets -Identify Compliancy of Endpoints -Unauthorized/Authorized Applications Notification -Misconfigured Asset Detection -IoT Device Detection	NACSV1
<p>Bidder's Product Description: NAC is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs. Tier 1 is an initial enablement of up to 500 devices and/or 150 users per site. If customer users and devices fall into two tier levels, the higher tier will apply. May require agent or WMI connectivity for some features.</p>			
95	Managed Network Access Control Service (NAC) – Tier 2	Managed Network Access Control Service (NAC) – Tier 2 (Medium) -Advanced Visibility of Assets -Identify Compliancy of Endpoints -Unauthorized/Authorized Applications Notification -Misconfigured Asset Detection	NACSV2



IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
		-IoT Device Detection	
	<p>Bidder's Product Description: NAC is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs. Tier 2 is an initial enablement of 501 to 1,000 devices and/or 151-350 users per site. If customer users and devices fall into two tier levels, the higher tier will apply. May require agent or WMI connectivity for some features.</p>		
96	Managed Network Access Control Service (NAC) – Tier 3	Managed Network Access Control Service (NAC) – Tier 3 (Large) -Advanced Visibility of Assets -Identify Compliancy of Endpoints -Unauthorized/Authorized Applications Notification -Misconfigured Asset Detection -IoT Device Detection	NACSV3
	<p>Bidder's Product Description: NAC is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs. Tier 3 is an initial enablement of 1,001 to 2,500 devices and/or 351-850 users per site. If customer users and devices fall into two tier levels, the higher tier will apply. May require agent or WMI connectivity for some features.</p>		
97	Managed Network Access Control Service (NAC) – Tier 4	Managed Network Access Control Service (NAC) – Tier 4 (Extra Large) -Advanced Visibility of Assets -Identify Compliancy of Endpoints -Unauthorized/Authorized Applications Notification -Misconfigured Asset Detection -IoT Device Detection	NACSV4
	<p>Bidder's Product Description: NAC is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs. Tier 4 is an initial enablement of 2,501 to 4,000 devices and/or 851-1,500 users per site. If customer users and devices fall into two tier levels, the higher tier will apply. May require agent or WMI connectivity for some features.</p>		
98	Managed Network Access Control Service (NAC) – Tier 5	Managed Network Access Control Service (NAC) – Tier 5 (Enterprise) -Advanced Visibility of Assets -Identify Compliancy of Endpoints -Unauthorized/Authorized Applications Notification -Misconfigured Asset Detection -IoT Device Detection	NACSV5





**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

	Feature Name	Feature Description	Bidder's Product Identifier
	<p>Bidder's Product Description: NAC is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs. Tier 5 is an initial enablement of 4,001-10,000 devices and/or 1,501-3,500 users per site. If customer users and devices fall into two tier levels, the higher tier will apply. May require agent or WMI connectivity for some features.</p>		
	Managed Network Access Control Service (NAC) – Additional Features	Managed Network Access Control Service (NAC) – Additional Features	Multiple IDs (see below)
	<p>Bidder's Product Description: Managed Network Access Control Service (NAC) – Additional Features</p>		
99	Managed Network Access Control Service (NAC) – Tier 1 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 1 Advanced NAC Use Case - Flexible Access Control by User, Device or Policy - Remediation of Out of Compliance Endpoints - Unauthorized Application Prevention - Rogue Device Prevention	NSV1AUC
	<p>Bidder's Product Description: Tier 1 Advanced NAC Use Case – Customer-requested use cases are defined as specific functionality requirements defined for NAC Service. These use cases are ranked into one of two categories: Basic and Advanced. A list of advanced use cases can be provided. Some features may require: CLI access to layer 2 or 3 switch so ACL's can be applied. Enforcement to be enabled, AD integration, and WMI integration or agent. Agent or WMI connectivity</p>		
100	Managed Network Access Control Service (NAC) – Tier 2 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 2 Advanced NAC Use Case - Flexible Access Control by User, Device or Policy - Remediation of Out of Compliance Endpoints - Unauthorized Application Prevention - Rogue Device Prevention	NSV2AUC
	<p>Bidder's Product Description: Tier 2 Advanced NAC Use Case – Customer-requested use cases are defined as specific functionality requirements defined for NAC Service. These use cases are ranked into one of two categories: Basic and Advanced. A list of advanced use cases can be provided. Some features may require: CLI access to layer 2 or 3 switch so ACL's can be applied. Enforcement to be enabled, AD integration, and WMI integration or agent. Agent or WMI connectivity</p>		





IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
101	Managed Network Access Control Service (NAC) – Tier 3 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 3 Advanced NAC Use Case - Flexible Access Control by User, Device or Policy - Remediation of Out of Compliance Endpoints - Unauthorized Application Prevention - Rogue Device Prevention	NSV3AUC
	Bidder's Product Description: Tier 3 Advanced NAC Use Case – Customer-requested use cases are defined as specific functionality requirements defined for NAC Service. These use cases are ranked into one of two categories: Basic and Advanced. A list of advanced use cases can be provided. Some features may require: CLI access to layer 2 or 3 switch so ACL's can be applied. Enforcement to be enabled, AD integration, and WMI integration or agent. Agent or WMI connectivity		
102	Managed Network Access Control Service (NAC) – Tier 4 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 4 Advanced NAC Use Case - Flexible Access Control by User, Device or Policy - Remediation of Out of Compliance Endpoints - Unauthorized Application Prevention - Rogue Device Prevention	NSV4AUC
	Bidder's Product Description: Tier 4 Advanced NAC Use Case – Customer-requested use cases are defined as specific functionality requirements defined for NAC Service. These use cases are ranked into one of two categories: Basic and Advanced. A list of advanced use cases can be provided. Some features may require: CLI access to layer 2 or 3 switch so ACL's can be applied. Enforcement to be enabled, AD integration, and WMI integration or agent. Agent or WMI connectivity		
103	Managed Network Access Control Service (NAC) – Tier 5 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 5 Advanced NAC Use Case - Flexible Access Control by User, Device or Policy - Remediation of Out of Compliance Endpoints - Unauthorized Application Prevention - Rogue Device Prevention	NSV5AUC
	Bidder's Product Description: Tier 5 Advanced NAC Use Case – Customer-requested use cases are defined as specific functionality requirements defined for NAC Service. These use cases are ranked into one of two categories: Basic and Advanced. A list of advanced use cases can be provided. Some features may require: CLI access to layer 2 or 3 switch so ACL's can be applied. Enforcement to be enabled, AD integration, and WMI integration or agent. Agent or WMI connectivity		





IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
104	Managed Network Access Control Service (NAC) – Tier 1 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 1 Dedicated Management Server (DMS)	NSV1DMS
	Bidder's Product Description: Tier 1 Dedicated Management Server – Allows for management of multiple NAC devices in a Customer's environment. Required for configurations with more than 2 sensors. Pricing includes service and hardware. A Tier 1 DMS can support up to 5 appliances/sensors.		
105	Managed Network Access Control Service (NAC) – Tier 2 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 2 Dedicated Management Server (DMS)	NSV2DMS
	Bidder's Product Description: Tier 2 Dedicated Management Server – Allows for management of multiple NAC devices in a Customer's environment. Required for configurations with more than 5 sensors. Pricing includes service and hardware. A Tier 2 DMS can support 6-10 appliances/sensors.		
106	Managed Network Access Control Service (NAC) – Tier 3 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 3 Dedicated Management Server (DMS)	NSV3DMS
	Bidder's Product Description: Tier 3 Dedicated Management Server – Allows for management of multiple NAC devices in a Customer's environment. Required for configurations with more than 10 sensors. Pricing includes service and hardware. A Tier 3 DMS can support 11-25 appliances/sensors.		
107	Managed Network Access Control Service (NAC) – Tier 4 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 4 Dedicated Management Server (DMS)	NSV4DMS
	Bidder's Product Description: Tier 4 Dedicated Management Server – Allows for management of multiple NAC devices in a Customer's environment. Required for configurations with more than 25 sensors. Pricing includes service and hardware. A Tier 4 DMS can support 26-50 appliances/sensors.		



IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

	Feature Name	Feature Description	Bidder's Product Identifier
108	Managed Network Access Control Service (NAC) – Tier 5 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 5 Dedicated Management Server (DMS)	NSV5DMS
	Bidder's Product Description: Tier 5 Dedicated Management Server – Allows for management of multiple NAC devices in a Customer's environment. Required for configurations with more than 50 sensors. Pricing includes service and hardware. A Tier 5 DMS can support 51-100 appliances/sensors.		
109	Managed Network Access Control Service (NAC) – Tier 1 Co-Management	Managed Network Access Control Service (NAC) – Tier 1 Co-Management	NSV1CM
	Bidder's Product Description: Tier 1 Co-Management – End-user NAC console access for end point MAC/IP management by designated IT staff (Note: requires training & dedicated management server). Required.		
110	Managed Network Access Control Service (NAC) – Tier 2 Co-Management	Managed Network Access Control Service (NAC) – Tier 2 Co-Management	NSV2CM
	Bidder's Product Description: Tier 2 Co-Management – End-user NAC console access for end point MAC/IP management by designated IT staff (Note: requires training & dedicated management server). Required.		
111	Managed Network Access Control Service (NAC) – Tier 3 Co-Management	Managed Network Access Control Service (NAC) – Tier 3 Co-Management	NSV3CM
	Bidder's Product Description: Tier 3 Co-Management – End-user NAC console access for end point MAC/IP management by designated IT staff (Note: requires training & dedicated management server). Required.		
112	Managed Network Access Control Service (NAC) – Tier 4 Co-Management	Managed Network Access Control Service (NAC) – Tier 4 Co-Management	NSV4CM



	Feature Name	Feature Description	Bidder's Product Identifier
	Bidder's Product Description: Tier 4 Co-Management – End-user NAC console access for end point MAC/IP management by designated IT staff (Note: requires training & dedicated management server). Required.		
113	Managed Network Access Control Service (NAC) – Tier 5 Co-Management	Managed Network Access Control Service (NAC) – Tier 5 Co-Management	NSV5CM
	Bidder's Product Description: Tier 2 Co-Management – End-user NAC console access for end point MAC/IP management by designated IT staff (Note: requires training & dedicated management server). Required.		
114	Managed Network Access Control Service (NAC) – Collector	Managed Network Access Control Service (NAC) – Collector	NACSVC
	Bidder's Product Description: Log Collector placed at the Customer Site which collects and aggregates the log data from the Customer's device logs generated by its network and systems.		
	AT&T Security Network Device Management-Riverbed	AT&T Security Network Device Management	Multiple IDs (see below)
	Bidder's Product Description: AT&T managed security for devices is provided effectively across multiple product categories and create a process/methodology to include valuable flow and security analytics in the CLMS platform for enhanced correlation and analysis. Customers receive application performance analysis, capacity audits, issue root-cause determinations, and receive recommendations for increasing network and application performance. This is for customer owned devices. This service includes: Initial basic set-up and policy development 24x7x365 Monitoring of applications Monthly analysis of mission-critical application performance Quarterly tuning of policy and performance settings Hardware support for both custom and off-the-shelf applications Forwarding of critical alerts to CLMS platform for security correlation and analysis Post Implementation Network Management - Network monitoring service with carrier and vendor coordination for CPE supporting WAN access		



	Feature Name	Feature Description	Bidder's Product Identifier
		<p>AT&T Network Management is a set of support solutions that provides you a single-point-of-contact to outsource or back-up some or all of the State's network support functions. You can use AT&T Network Management Services as a supplementary and disaster-recovery organization. We can assist the State to manage, monitor, and assume responsibility for your network on an as-needed basis. This will ensure that your network is reliable, available, efficient, and successfully performs your critical operations.</p> <p>AT&T provides a one-stop shop. We are able to manage most pieces of your network, including SNMP-MIB II-compliant devices. This means we can manage routers, CSU/DSUs, LAN switches, LAN hubs, etc. You do not have to work only with equipment we supply. If you have equipment supplied by other vendors, we can coordinate with them to make sure that your AT&T Network Management solution supports their CPE.</p> <p>AT&T Network Management is also flexible. We can mold your solution to fit the State environment from very hands-on, requiring detailed reporting to hands-off where the State only engages AT&T on an as-needed basis.</p> <p>We can monitor your CPE (e.g., routers, hubs, switches, CSU/DSUs, call managers) remotely from our AT&T Data Services Customer Care. You can choose from three levels of service to ensure the right fit with your staff and budget needs: Basic, Essential, and Complete.</p> <p>We will monitor supported devices over a customer-provided permanent virtual circuit ("PVC") or virtual private network ("VPN"). A customer premise router (e.g., Cisco 1800 with VPN) may also be required for AT&T to deliver this service. The Customer is required to provide the following:</p> <ul style="list-style-type: none"> -Internet Connection -MIB-II compliant hardware required -Inbound & Outbound remote access via SSH to at least one device at each location -Internal management IP address for each device 	
	Basic level Category A	Basic level Category A	DMRBBA
115		<p>Bidder's Product Description:</p> <p>With our Basic level service, you receive network monitoring, event detection, and subsequent notification and correlation with the CLMS/ATLAS team. You may use your internal staff for event and fault management and remediation support. AT&T's Network Management support team will alert you about the detected faults and it is your responsibility to contact your vendor directly for maintenance. Basic Service is suited for you if your need is to supplement your existing network monitoring capabilities or off-hours support (or both). Basic service is available on any AT&T Approved SNMP MIB II-compliant device.</p> <p>Category A Devices</p> <ul style="list-style-type: none"> Router Switch Centralized WLAN - Management/Sec. Switch Firewall (BASIC only) 	
116	Basic level Category B	Basic level Category B	DMRBBB





	Feature Name	Feature Description	Bidder's Product Identifier
		<p>Bidder's Product Description: With our Basic level service, you receive network monitoring, event detection, and subsequent notification and correlation with the CLMS/ATLAS team. You may use your internal staff for event and fault management and remediation support. AT&T's Network Management support team will alert you about the detected faults and it is your responsibility to contact your vendor directly for maintenance. Basic Service is suited for you if your need is to supplement your existing network monitoring capabilities or off-hours support (or both). Basic service is available on any AT&T Approved SNMP MIB II-compliant device. Category B Devices Centralized WLAN: "Thin" Access Points</p>	
117	Essential Level Category A	Essential Level Category A	DMRBEA
		<p>Bidder's Product Description: Our Essential Service provides you with comprehensive, end-to-end fault management. In addition to fault management, the service includes network monitoring, technical assistance (with carrier and vendor coordination), configuration support, software support, and the ability to open or view web-based trouble tickets as well as correlation with the CLMS/ATLAS team on events. If you elect Essential Service, AT&T becomes your single-point-of-contact for network problems. When we diagnose a problem with your equipment, our Network Management Service support team manages the vendor to coordinate your dispatch. Work with the vendor may include opening trouble tickets and escalating to resolve the problem quickly. Throughout this process, our engineer takes total responsibility for ensuring that the problem is resolved. The AT&T NOC will update you as appropriate and will not close the trouble ticket until the problem is resolved to your satisfaction. Carrier and Vendor coordination requires that a valid Letter of Agency (LOA) be on file with AT&T Network Device Management support team. Available on any AT&T Approved SNMP MIB II-compliant device. Category A Devices Router Switch Centralized WLAN: management/security switch</p>	
118	Essential Level Category B	Essential Level Category B	DMRBEB
		<p>Bidder's Product Description:</p>	



	Feature Name	Feature Description	Bidder's Product Identifier
		<p>Our Essential Service provides you with comprehensive, end-to-end fault management. In addition to fault management, the service includes network monitoring, technical assistance (with carrier and vendor coordination), configuration support, software support, and the ability to open or view web-based trouble tickets as well as correlation with the CLMS/ATLAS team on events. If you elect Essential Service, AT&T becomes your single-point-of-contact for network problems. When we diagnose a problem with your equipment, our Network Management Service support team manages the vendor to coordinate your dispatch. Work with the vendor may include opening trouble tickets and escalating to resolve the problem quickly. Throughout this process, our engineer takes total responsibility for ensuring that the problem is resolved. The AT&T NOC will update you as appropriate and will not close the trouble ticket until the problem is resolved to your satisfaction. Carrier and Vendor coordination requires that a valid Letter of Agency (LOA) be on file with AT&T Network Device Management support team. Available on any AT&T Approved SNMP MIB II-compliant device.</p> <p>Category B Devices Centralized WLAN: "Thin" Access Points CSU/DSU (w/ Router)</p>	
	Complete Level Category A	Complete Level Category A	DMRBCA
119		<p>Bidder's Product Description: The Complete option provides performance management support in addition to all the services you receive with our Essential service offering. Through performance management, we can measure and report on your network performance to keep internetworking performance at an optimal level. Our Complete Network Management offering includes web-based performance reporting on network elements and supported CPE and monthly performance reviews through an assigned engineer. Available on any AT&T Approved SNMP MIB II-compliant device.</p> <p>Category A Devices Router Switch Centralized WLAN: management/security switch</p>	

7.3 Service Level Agreements (SLA)

The Contractor shall provide Service Level Agreements (SLAs) as defined below. The intent of this section is to provide Customers, CALNET 3 CMO and the Contractor with requirements that define and assist in the management of the SLAs. This section includes the SLA formats, general requirements, stop clock conditions and the Technical SLAs for the services identified in this solicitation.



7.3.1 Service Level Agreement Format

The Contractor shall adhere to the following format and include the content as described below for each Technical SLA added by the Contractor throughout the Term of the Contract:

1. SLA Name - Each SLA Name must be unique;
2. Definition - Describes what performance metric will be measured;
3. Measurements Process - Provides instructions how the Contractor will continuously monitor and measure SLA performance to ensure compliance. The Contractor shall provide details describing how and what will be measured. Details shall include source of data and define the points of measurement within the system, application, or network;
4. Service(s) - All applicable Categories or Subcategories will be listed in each SLA;
5. Objective(s) – Defines the SLA performance goal/parameters; and,
6. Rights and Remedies
 - a. Per Occurrence: Rights and remedies are paid on a per event basis during the bill cycle; and,
 - b. Monthly Aggregated Measurements: Rights and remedies are paid once during the bill cycle based on an aggregate of events over a defined period of time.

The Contractor shall proactively apply an invoice credit or refund when an SLA objective is not met. CALNET SLA Rights and Remedies do not require the Customer to submit a request for credit or refund.

Bidder understands the Requirement and shall meet or exceed it? Yes No

7.3.2 Technical Requirements Versus SLA Objectives

Section 0 (Network Based Managed Security Services) defines the technical requirements for each service. These requirements are the minimum parameters each Bidder must meet in order to qualify for Contract award. Upon Contract award the committed technical requirements will be maintained throughout the remainder of the Contract.

Committed SLA objectives are minimum parameters which the Contractor shall be held accountable for all rights and remedies throughout Contract Term.

Bidder understands the Requirement and shall meet or exceed it? Yes No



7.3.3 Two Methods of Outage Reporting: Customer or Contractor

There are two (2) methods in which CALNET 3 service failures or quality of service issues may be reported and Contractor trouble tickets opened: Customer reported or Contractor reported.

The first method of outage reporting results from a Customer reporting service trouble to the Contractor's Customer Service Center via phone call or opening of a trouble ticket using the on-line Trouble Ticket Reporting Tool (IFB STPD 12-001-B Business Requirements Section B.9.4).

The second method of outage reporting occurs when the Contractor opens a trouble ticket as a result of network/system alarm or other method of service failure identification. In each instance the Contractor shall open a trouble ticket using the Trouble Ticket Reporting Tool (IFB STPD 12-001-B Business Requirements Section B.9.4) and monitor and report to Customer until service is restored.

Bidder understands the Requirement and shall meet or exceed it? Yes X No _____

7.3.4 Bidder Response to Service Level Agreements

Many of the Service Level Agreements described below include multiple objective levels – Basic, Standard and Premier. Bidders shall indicate one (1) specific objective level they are committing to for each service in space provided in the "Objective" section of each SLA description.

Bidder understands the Requirement and shall meet or exceed it? Yes X No _____

7.3.5 Contractor SLA Management Plan

Within 90 calendar days of Contract award, the Contractor shall provide CALNET 3 CMO with a detailed SLA Management Plan that describes how the Contractor will manage the Technical SLAs for services in this IFB. The SLA Management plan shall provide processes and procedures to be implemented by the Contractor. The SLA Management Plan shall define the following:

1. Contractor SLA Manager and supporting staff responsibilities;
2. Contractor's process for measuring objectives for each SLA. The process shall explain how the Contractor will continuously monitor and measure SLA performance to ensure compliance. The Contractor shall provide details describing how and what will be measured. Details should include source of data and define the points of measurement within the system, application, or network;
3. Creation and delivery of SLA Reports (IFB STPD 12-001-B Business Requirements Section B.9.5). The Contractor shall include a sample report in accordance with IFB STPD 12-001-B Business Requirements Section B.9.5 (SLA Reports) for the following: SLA Service Performance Report (IFB STPD 12-001-B



Business Requirements Section B.9.5.1), SLA Provisioning Report (IFB-B Business Requirements Section B.9.5.2), and SLA Catastrophic Outage Reports (IFB STPD 12-001-B Business Requirements Section B.9.5.3). The Contractor shall commit to a monthly due date. The reports shall be provided to the CALNET 3 CMO via the Private Oversight Website (IFB STPD 12-001-B Business Requirements Section B.9.2);

4. SLA invoicing credit and refund process;
5. Contractor SLA problem resolution process for SLA management and SLA reporting. The Contractor shall provide a separate process for Customers and CALNET 3 CMO; and,
6. Contractor SLA Manager to manage all SLA compliance and reporting. The Contractor shall include SLA Manager contact information for SLA inquiries and issue resolution for Customer and CALNET 3 CMO.

Bidder understands the Requirement and shall meet or exceed it? Yes X No

7.3.6 Technical SLA General Requirements

The Contractor shall adhere to the following general requirements which apply to all CALNET 3 Technical SLAs (Section 7.3.8):

1. With the exception of the Provisioning SLA, the total SLA rights and remedies for any given month shall not exceed the sum of 100 percent of the Total Monthly Recurring Charges (TMRC). Services with usage charges shall apply the Average Daily Usage Charge (ADUC) in addition to any applicable TMRC rights and remedies;
2. If a circuit or service fails to meet one (1) or more of the performance objectives, only the SLA with the largest monthly Rights and Remedies will be credited to the Customer, per event;
3. The Contractor shall apply CALNET 3 SLAs and remedies for services provided by Subcontractors and/or Affiliates;
4. The Definition, Measurement Process, Objectives, and Rights and Remedies shall apply to all services identified in each SLA. If a Category or Subcategory is listed in the SLA, then all services under that Category or Subcategory are covered under the SLA. Exceptions must be otherwise stated in the SLA;
5. TMRC rights and remedies shall include the service, option(s), and feature(s) charges;
6. The Contractor shall proactively and continuously monitor and measure all Technical SLA objectives;
7. The Contractor shall proactively credit all rights and remedies to the Customer within 60 calendar days of the trouble resolution date on the trouble ticket or within 60 calendar days of the Due Date on the Service Request for the Provisioning SLA;
8. To the extent that Contractor offers additional SLAs, or SLAs with more advantageous rights and/or remedies for same or similar services offered through tariffs, online service guides, or other government



contracts (Federal, State, County, City), the State will be entitled to the same rights and/or remedies therein. The Contractor shall present the SLAs to CALNET 3 CMO for possible inclusion via amendments;

9. The Contractor shall apply CALNET 3 SLAs and remedies to services provided in geographic areas which the Contractor has committed to provide service;
10. The election by CALNET 3 CMO of any SLA remedy covered by this Contract shall not exclude or limit CALNET 3 CMO's or any Customer's rights and remedies otherwise available within the Contract or at law or equity;
11. The Contractor shall apply rights and remedies when a service fails to meet the SLA objective even when backup or protected services provide Customer with continuation of services;
12. The Contractor shall act as the single point of contact in coordinating all entities to meet the State's needs for provisioning, maintenance, restoration and resolution of service issues or that of their Subcontractors, Affiliates or resellers under this Contract;
13. The Customer Escalation Process (IFB STPD 12-001-B Business Requirements Section B.3.4.2) and/or the CALNET 3 CMO Escalation Process (IFB STPD 12-001-B Business Requirements Section B.3.4.1) shall be considered an additional right and remedy if the Contractor fails to resolve service issues within the SLA objective(s);
14. Trouble reporting and restoration shall be provided 24x365 for CALNET 3 services;
15. SLAs apply 24x365 unless SLA specifies an exception;
16. Contractor invoices shall clearly cross reference the SLA credit to the service Circuit ID in accordance with IFB STPD 12-001-B Business Requirements Section B.5.1 (Billing and Invoicing Requirements, #14);
17. The Contractor shall provide a CALNET 3 SLA Manager responsible for CALNET 3 SLA compliance. The SLA Manager shall attend regular meetings and be available upon request to address CALNET 3 CMO SLA oversight, report issues, and problem resolution concerns. The CALNET 3 SLA Manager shall also coordinate SLA support for Customer SLA inquiries and issue resolution;
18. The Contractor shall provide Customer and CALNET 3 CMO support for SLA inquiries and issue resolution; and,
19. Any SLAs and remedies negotiated between Contractor and third party service provider in territories closed to competition shall be passed through to the CALNET 3 Customer.

Bidder understands the Requirement and shall meet or exceed it? Yes No



7.3.7 Trouble Ticket Stop Clock Conditions

The following conditions shall be allowed to stop the trouble ticket Outage Duration for CALNET 3 Contractor trouble tickets. The Contractor shall document the trouble ticket Outage Duration using the Stop Clock Condition (SCC) listed in Table 7.3.7 and include start and stop time stamps in the Contractor’s Trouble Ticket Reporting Tool (IFB STPD 12-001-B Business Requirements Section B.9.4) for each application of a SCC.

Note: The Glossary (SOW Appendix A) defines term “End-User” as the “individual within an Entity that is utilizing the feature or service provided under the Contract.”

Stop Clock Conditions are limited to the conditions listed in Table 7.3.7.

Table 7.3.7– Stop Clock Conditions (SCC)

#	Stop Clock Condition (SCC)	SCC Definition
1	END-USER REQUEST	Periods when a restoration or testing effort is delayed at the specific request of the End-User. The SCC shall exist during the period the Contractor was delayed, provided that the End-User’s request is documented and time stamped in the Contractor’s trouble ticket or Service Request system and shows efforts are made to contact the End-User during the applicable Stop Clock period.
2	OBSERVATION	Time after a service has been restored but End-User request ticket is kept open for observation. If the service is later determined by the End-User to not have been restored, the Stop Clock shall continue until the time the End-User notifies the Contractor that the Service has not been restored.
3	END-USER NOT AVAILABLE	Time after a service has been restored but End-User is not available to verify that the Service is working. If the service is later determined by the End-User to not have been restored, the Stop Clock shall apply only for the time period between Contractor’s reasonable attempt to notify the End-User that Contractor believes the service has been restored and the time the End-User notifies the Contractor that the Service has not been restored.
4	WIRING	Restoration cannot be achieved because the problem has been isolated to wiring that is not maintained by Contractor or any of its Subcontractors or Affiliates. If it is later determined the wiring is not the cause of failure, the SCC shall not apply.
5	POWER	Trouble caused by a power problem outside of the responsibility of the Contractor.
6	FACILITIES	Lack of building entrance Facilities or conduit structure that are the End-User’s responsibility to provide.



**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

#	Stop Clock Condition (SCC)	SCC Definition
7	ACCESS	Limited access or contact with End-User provided the Contractor documents in the trouble ticket several efforts to contact End-User for the following: a. Access necessary to correct the problem is not available because access has not been arranged by site contact or End-User representative; b. Site contact refuses access to technician who displays proper identification; c. Customer provides incorrect site contact information which prevents access, provided that Contractor takes reasonable steps to notify End-User of the improper contact information and takes steps to obtain the correct information ; or, d. Site has limited hours of business that directly impacts the Contractor's ability to resolve the problem. If it is determined later that the cause of the problem was not at the site in question, then the Access SCC shall not apply.
8	STAFF	Any problem or delay to the extent caused by End-User's staff that prevents or delays Contractor's resolution of the problem. In such event, Contractor shall make a timely request to End-User staff to correct the problem or delay and document in trouble ticket.
9	APPLICATION	End-User software applications that interfere with repair of the trouble.
10	CPE	Repair/replacement of Customer Premise Equipment (CPE) not provided by Contractor if the problem has been isolated to the CPE. If determined later that the CPE was not the cause of the service outage, the CPE SCC will not apply.
11	NO RESPONSE	Failure of the trouble ticket originator or responsible End-User to return a call from Contractor's technician for on-line close-out of trouble tickets after the Service has been restored as long as Contractor can provide documentation in the trouble ticket substantiating the communication from Contractor's technician.
12	MAINTENANCE	An outage directly related to any properly performed scheduled maintenance or upgrade scheduled for CALNET 3 service. Any such stop clock condition shall not extend beyond the scheduled period of the maintenance or upgrade. SLAs shall apply for any maintenance caused outage beyond the scheduled maintenance period. Outages occurring during a scheduled maintenance or upgrade period and not caused by the scheduled maintenance shall not be subject to the Maintenance SCC.
13	THIRD PARTY	Any problem or delay caused by a third party not under the control of Contractor, not preventable by Contractor, including, at a minimum, cable cuts not caused by the Contractor. Contractor's Subcontractors and Affiliates shall be deemed to be under the control of Contractor with respect to the equipment, services, or Facilities to be provided under this Contract.
14	FORCE MAJEURE	Force Majeure events, as defined in the PMAC General Provisions - Telecommunications, Section 28 (Force Majeure).

Bidder understands the Requirement and shall meet or exceed it? Yes No



7.3.8 Technical Service Level Agreements

The Contractor shall provide and manage the following Technical SLAs.

7.3.8.1 Availability (M-S)

SLA Name: Availability					
Definition: The percentage of time a CALNET 3 service is fully functional and available for use each calendar month.					
Measurement Process: The monthly Availability Percentage shall be based on the accumulative total of all Unavailable Time derived from all trouble tickets closed, for the affected service (includes Contractor provided web portal, dashboard and reports), and feature per calendar month. The monthly Availability Percentage equals the Scheduled Uptime per month less Unavailable Time per month divided by Scheduled Uptime per month multiplied by 100. Scheduled Uptime is 24 x number of days in the month. All Unavailable Time applied to other SLAs, which results in a remedy, will be excluded from the monthly accumulated total.					
Services:					
DDoS Detection and Mitigation Service		Email Monitoring and Scanning Service			
Web Security and Filtering Service		Security Information and Event Management (SIEM)			
AT&T VSS-PRO (Vulnerability Scanning Service)		Premise Based Firewall (PFW)			
Managed Intrusion Detection Service (MIDS 3)		Managed NAC Service (MNAC)			
Objective(s):					
		Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
	DDoS Detection and Mitigation Service	≥ 99.9%	≥ 99.95%	≥ 99.99%	S
	Email Monitoring and Scanning Service	≥ 99.9%	≥ 99.95%	≥ 99.99%	S
	Web Security and Filtering Service	≥ 99.9%	≥ 99.95%	≥ 99.99%	S
	SIEM, AT&T VSS-PRO (Vulnerability Scanning Service), PFW, MIDS 3, and MNAC.	≥ 99.9%	≥ 99.95%	≥ 99.99%	S
Per Occurrence: N/A					



**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

Rights and Remedies	Monthly Aggregated Measurements: First month the service fails to meet the committed SLA objective shall result in a 15 percent rebate of the TMRC. The second consecutive month the service fails to meet the committed SLA objective shall result in a 30 percent rebate of TMRC. Each additional consecutive month the service fails to meet the committed SLA objective shall result in a 50 percent rebate of the TMRC.
----------------------------	--

Bidder understands the Requirement and shall meet or exceed it? Yes X No



7.3.8.2 Catastrophic Outage 2 (CAT 2) (M-S)

SLA Name: Catastrophic Outage 2 (CAT 2)					
Definition: Failure of any part of the Network Based Managed Security Services architecture components (hardware, software, and interconnection of components) based on a common cause that results in a total failure of a service for two (2) or more CALNET 3 Customers.					
Measurement Process: The Outage Duration begins when a network alarm is received by the Contractor from an outage-causing event or the opening of a trouble ticket by the Customer or Contractor, whichever occurs first. Upon notification from the Customer or network alarm, the Contractor shall compile a list for each End-User service and feature affected by a common cause for tracking and reporting of the SLA rights and remedies. Outage Duration shall be measured on a per-End-User service basis from information recorded from the network equipment/system or Customer reported trouble ticket. Each End-User service is deemed out of service from the first notification until the Contractor determines the End-User service is restored. Any End-User service reported by the End-User/Customer as not having been restored shall have the outage time adjusted to the actual restoration time.					
Service(s):					
DDoS Detection and Mitigation Service		Email Monitoring and Scanning Service			
Web Security and Filtering Service		Security Information and Event Management (SIEM)			
AT&T VSS-PRO (Vulnerability Scanning Service)		Premise Based Firewall (PFBW)			
Managed Intrusion Detection Service (MIDS 3)					
Objective (s): The objective restoral time shall be:					
		Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
	DDoS Detection and Mitigation Service	≤ 1 hour	≤ 30 minutes	≤ 15 minutes	S
	Email Monitoring and Scanning Service	≤ 1 hour	≤ 30 minutes	≤ 15 minutes	S
	Web Security and Filtering Service	≤ 1 hour	≤ 30 minutes	≤ 15 minutes	S
	SIEM, AT&T VSS-PRO (Vulnerability Scanning Service) , PFBW, and MIDS 3	≤ 1 hour	≤ 30 minutes	≤ 15 minutes	S
Rights and Remedies	Per Occurrence: 100 percent of the TMRC for each End-User service not meeting the committed objective for each CAT 2 fault				
	Monthly Aggregated Measurements: N/A				

Bidder understands the Requirement and shall meet or exceed it? Yes No



7.3.8.3 Catastrophic Outage 3 (CAT 3) (M-S)

SLA Name: Catastrophic Outage 3 (CAT 3)					
Definition: The total loss of one (1) or more CALNET 3 Network Based Managed Security services on a system wide basis.					
Measurement Process: The Outage Duration begins when a network alarm is received by the Contractor from an outage-causing event or the opening of a trouble ticket by the Customer or Contractor, whichever occurs first. Upon notification from the Customer or network alarm, the Contractor shall compile a list for each End-User service and feature affected by a common cause. Outage Duration shall be measured on a per-End-User service basis from information recorded from the network equipment/system or trouble ticket. Each End-User service is deemed out of service from the first notification until the Contractor determines the End-User service is restored. Any End-User service reported by the End-User/Customer as not having been restored shall have the outage time adjusted to the actual restoration time.					
Service(s):					
DDoS Detection and Mitigation Service		Email Monitoring and Scanning Service			
Web Security and Filtering Service		Security Information and Event Management (SIEM)			
AT&T VSS-PRO (Vulnerability Scanning Service)		Premise Based Firewall (PFW)			
Managed Intrusion Detection Service (MIDS 3)					
Objectives:					
The objective restoral time shall be:					
		Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B or P)
	DDoS Detection and Mitigation Service	≤ 30 minutes	N/A	≤ 15 minutes	P
	Email Monitoring and Scanning Service	≤ 30 minutes	N/A	≤ 15 minutes	P
	Web Security and Filtering Service	≤ 30 minutes	N/A	≤ 15 minutes	P
	SIEM, AT&T VSS-PRO (Vulnerability Scanning Service) , PFW, and MIDS 3	≤ 30 minutes	N/A	≤ 15 minutes	P
Rights and Remedies	Per Occurrence: 100 percent of the TMRC for each End-User service not meeting the committed objective for each CAT 3 fault.				





**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

	Monthly Aggregated Measurements: N/A
--	--------------------------------------

Bidder understands the Requirement and shall meet or exceed it? Yes No



7.3.8.4 Email Monitoring and Scanning Services – Average Delivery Time (M-S)

SLA Name: Email Monitoring and Scanning Services - Average Delivery Time					
<p>Definition: The delivery time is the elapsed time from when an email enters the Contractor's managed email service network to when the delivery attempt is first made to the Customer's email server. The average delivery time is the delivery time measured in minutes over a calendar month.</p> <p>The End-User/Customer is responsible for opening a trouble ticket with the Contractor's Customer Service Center (helpdesk) when the Customer suspects the email monitoring and scanning service's average delivery time is not meeting the committed level as defined in this SLA.</p>					
<p>Measurement Process: If the Customer suspects the average delivery time does not meet the committed objective level the contractor shall provide average delivery time computed using the method described herein. The Contractor shall measure and record email delivery time every five (5) minutes for one (1) month. The fastest 95% of measurements are used to create the average for the calendar month.</p> <p>Trouble tickets opened as email monitoring and scanning services Delivery Time shall not count in Availability or Time to Repair measurements unless and until the End-User reports service as unusable.</p>					
Service(s):					
Email Monitoring and Scanning Services					
Objective (s):					
		Basic (B)	Standard (S)	Premier (P)	Bidders Objective Commitment (B, S or P)
	Email Monitoring and Scanning Services	< 2 minutes	< 1 minute	<30 seconds	S
Rights and Remedies	Per Occurrence: N/A				
	<p>Monthly Aggregated Measurements: 25 percent of the TMRC when the average delivery time exceeds the committed objective.</p>				

Bidder understands the Requirement and shall meet or exceed it? Yes No



7.3.8.5 SIEM Event Notification (M-S)

SLA Name: SIEM Critical Event Notification				
Definition: The Contractor shall notify the Customer via a verbal person-to-person telephone call to authorized users when a critical security event that represents a security incident or threat to the Customer, within the objective timeframe.				
Measurement Process: The amount of time between the identification of a critical security event and the notification (or when the Contractor initially attempts to notify) of the customer.				
Service(s):				
SIEM	Premise Based Firewall (PFW)			
Managed Intrusion Detection Service (MIDS 3)	Managed NAC Service (MNAC)			
Objective (s):				
	Basic (B)	Standard (S)	Premier (P)	Bidders Objective Commitment (B, S or P)
SIEM, PFW, and MIDS 3	≤ 45 minutes	≤ 30 minutes	≤ 15 minutes	S
Rights and Remedies	Per Occurrence: Customer will receive a credit equal to 25 percent of the SIEM Service TMRC for each event in which a Customer is not notified within the committed objective.			
	Monthly Aggregated Measurements: N/A			

Bidder understands the Requirement and shall meet or exceed it? Yes X No _____



7.3.8.6 DDoS Customer Notification (M-S)

SLA Name: DDoS Customer Notification					
Definition: The Contractor shall notify the Customer via an e-mail and a verbal person-to-person telephone call to authorized users when an anomaly or attack is detected, within the objective timeframe.					
Measurement Process: The amount of time between the identification of an anomaly or attack, and the notification (or when the Contractor initially attempts to notify) of the customer.					
Service(s):					
DDoS Detection and Mitigation					
Objective (s):					
		Basic (B)	Standard (S)	Premier (P)	Bidders Objective Commitment (B, S or P)
DDoS Detection and Mitigation		≤ 45 minutes	≤ 30 minutes	≤ 15 minutes	S
Rights and Remedies	Per Occurrence: Customer will receive a credit equal to 25 percent of the DDoS Detection and Mitigation Service TMRC for each event in which a Customer is not notified within the committed objective.				
	Monthly Aggregated Measurements: N/A				

Bidder understands the Requirement and shall meet or exceed it? Yes X No _____



7.3.8.7 Excessive Outage (M-S)

SLA Name: Excessive Outage					
Definition: A service failure that remains unresolved for more than the committed objective level.					
Measurement Process: This SLA is based on trouble ticket Unavailable Time. The service or feature is unusable during the time the trouble ticket is reported as opened until restoration of the service, minus SCC. If Customer reports a service failure as unresolved after the closure of the trouble ticket by the Contractor, the Unavailable Time shall be adjusted to the actual restoration time.					
Service(s):					
DDoS Detection and Mitigation Service		Email Monitoring and Scanning Service			
Web Security and Filtering Service		Security Information and Event Management (SIEM)			
AT&T VSS-PRO (Vulnerability Scanning Service)		Premise Based Firewall (PBFW)			
Managed Intrusion Detection Service (MIDS 3)					
Objective (s): The Unavailable Time objective shall not exceed:					
		Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
	DDoS Detection and Mitigation Service	16 hours	12 hours	8 hours	S
	Email Monitoring and Scanning Service	16 hours	12 hours	8 hours	S
	Web Security and Filtering Service	16 hours	12 hours	8 hours	S
	SIEM, AT&T VSS-PRO (Vulnerability Scanning Service), PBFW, and MIDS 3	16 hours	12 hours	8 hours	S
Rights and Remedies	Per Occurrence: 100 percent of the TMRC for each service or feature out of service for a period greater than the committed objective level. Upon request from the Customer or the CALNET 3 CMO, the Contractor shall provide a briefing on the excessive outage restoration.				
	Monthly Aggregated Measurements: N/A				



IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017

Bidder understands the Requirement and shall meet or exceed it? Yes X No _____



7.3.8.8 DDoS Time to Mitigate (M-S)

SLA Name: DDoS Time to Mitigate					
Definition: The time to initiate DDoS mitigation upon the identification of an attack.					
Measurement Process: The amount of time between the detection via Customer or Contractor identification of an anomaly or attack, and the initiation of the mitigation process.					
Service(s):					
DDoS Detection and Mitigation					
Objective (s): Mitigation shall begin within:					
		Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
	DDoS Detection and Mitigation	45 minutes	30 minutes	15 minutes	S
Rights and Remedies	Per Occurrence:				
	Basic Time to Mitigate Minutes	Standard Time to Mitigate Minutes	Premier Time to Mitigate Minutes	Percentage of TMRC per event	
	46 - 75	31 -60	16 - 45	25%	
	76 - 135	61- 120	46- 105	50%	
	136 and over	121 and over	106 and over	100%	
Monthly Aggregated Measurements: N/A					

Bidder understands the Requirement and shall meet or exceed it? Yes No



7.3.8.9 Notification

SLA Name: Notification			
Definition: The Contractor notification to CALNET 3 CMO and designated stakeholders in the event of a CAT 2 or CAT 3 failure, Contractor, Subcontractor or Affiliate network event, terrorist activity, threat of natural disaster, or actual natural disaster which results in a significant loss of telecommunication services to CALNET 3 End-Users or has the potential to impact services in a general or statewide area. The State understands initial information regarding the nature of the outage may be limited.			
Measurement Process: The Contractor shall adhere to the Network Outage Response requirements (IFB STPD 12-001-B Business Requirements Section B.3.3) and notify the CALNET 3 CMO and designated stakeholders for all CAT 2 and CAT 3 Outages or for network outages resulting in a significant loss of service. Notification objectives will be based on the start time of the outage failure determined by the opening of a trouble ticket or network alarm, whichever occurs first. For events based on information such as terrorist activity or natural disaster, the Contractor shall notify CALNET 3 CMO and designated stakeholder when information is available..			
Service(s): All Services			
Objective (s): Within 60 minutes of the above mentioned failures' start time, the Contractor shall notify CALNET 3 CMO and designated stakeholders using a method defined in IFB STPD 12-001-B Business Requirements Section B.3.3 (Network Outage Response). At 60 minute intervals, updates shall be given on the above mentioned failures via the method defined in IFB STPD 12-001-B Business Requirements Section B.3.3 (Network Outage Response). This objective is the same for Basic, Standard and Premier commitments.			
Rights and Remedies	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px 5px;">Per Occurrence: Senior Management Escalation</td> </tr> <tr> <td style="padding: 2px 5px;">Monthly Aggregated Measurements: N/A</td> </tr> </table>	Per Occurrence: Senior Management Escalation	Monthly Aggregated Measurements: N/A
Per Occurrence: Senior Management Escalation			
Monthly Aggregated Measurements: N/A			

Bidder understands the Requirement and shall meet or exceed it? Yes No



7.3.8.10 Provisioning (M-S)



SLA Name: Provisioning		
<p>Definition: Provisioning shall include new services, moves, adds and changes completed by the Contractor on or before the due dates. The Provisioning SLA shall be based on committed installation intervals established in this SLA or due dates negotiated between Customer and Contractor documented on the Contractor’s order confirmation notification or Contracted Service Project Work SOW in accordance with IFB STPD 12-001-B Business Requirements Section B.2.5.4 #7 (Provisioning and Implementation). The Contractor shall meet the committed interval dates or due date negotiated with the Customer. If the Customer agrees to a negotiated due date, the negotiated due date supersedes the committed interval. At the Customer’s discretion, if the scope of the Service Request(s) meets the Coordinated or Managed Project criteria, negotiated due dates will be established and documented in the Project Schedule per IFB STPD 12-001-B Business Requirements Section B.6 (Contracted Service Project Work).</p> <p>Provisioning SLAs have two (2) objectives: Objective 1: Individual Service Request; and Objective 2: Successful Install Monthly Percentage by Service Type. Note: Provisioning timelines include extended demarcation wiring, when appropriate.</p>		
<p>Measurement Process:</p> <p>Objective 1: Individual Service Request: Install intervals are based on the committed installation intervals established in this SLA or due dates negotiated between Customer and Contractor documented on the Service Request. This objective requires the Contractor to meet the due date for each individual Service Request.</p> <p>Objective 2: Successful Install Monthly Percentage per service Type: The Contractor shall sum all individual Service Requests per service, as listed below, meeting the objective in the measurement period (per month) and divide by the sum of all individual Service Requests due per service in the measurement period and multiply by 100 to equal the percentage of Service Requests installed on time. The Contractor must meet or exceed the objective below in order to avoid the rights and remedies.</p>		
Service (Features must be installed in conjunction with the service except when listed below)	Committed Interval Calendar Days	Coordinated/Managed Project
DDoS Detection and Mitigation Service	N/A	Coordinated/Managed Project
Email Monitoring and Scanning Service	N/A	Coordinated/Managed Project
Web Security and Filtering Service	N/A	Coordinated/Managed Project
SIEM, AT&T VSS-PRO (Vulnerability Scanning Service), PBFW, MIDS 3, and MNAC.	N/A	Coordinated/Managed Project



**IFB STPD 12-001-B, C3-B-12-10-TS-01
Vol. 2, SOW Technical Requirements Response, Category 7 –
Network Based Managed Security
Amendment #8, Rev. October 13, 2017**

Objective (s):

Objective 1: Individual Service Request: Service installed on or before the Committed Interval or negotiated due date.

Objective 2: Successful Install Monthly Percentage per Service:

	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (S or P)
DDoS Detection and Mitigation Service	N/A	≥ 90%	≥ 95%	S
Email Monitoring and Scanning Service	N/A	≥ 90%	≥ 95%	S
Web Security and Filtering Service	N/A	≥ 90%	≥ 95%	S
SIEM, AT&T VSS-PRO (Vulnerability Scanning Service), PFW, MIDS 3, and MNAC	N/A	≥ 90%	≥ 95%	S

Rights and Remedies

Per Occurrence:

Objective 1: Individual Service Requests: 50 percent of installation fee credited to Customer for any missed committed objective.

Monthly Aggregated Measurements:

Objective 2: 100 percent of the installation fee credited to Customer for all Service Requests (per service type) that did not complete on time during the month if the Successful Install Monthly Percentage is below the committed objective.

Bidder understands the Requirement and shall meet or exceed it? Yes No



7.3.8.11 Time to Repair (TTR) (M-S)

SLA Name: Time to Repair (TTR)					
Definition: A service outage that remains unresolved for more than the committed objective level.					
Measurement Process: This SLA is based on trouble ticket Unavailable Time. The service or feature is unusable during the time the trouble ticket is reported as opened until restoration of the service or feature, minus SCC. If Customer reports a service failure as unresolved after the closure of the trouble ticket by the Contractor, the Unavailable Time shall be adjusted to the actual restoration time. This SLA is applied per occurrence.					
Service(s):					
DDoS Detection and Mitigation Service		Email Monitoring and Scanning Service			
Web Security and Filtering Service		Security Information and Event Management (SIEM)			
AT&T VSS-PRO (Vulnerability Scanning Service)		Premise Based Firewall (PBFW)			
Managed Intrusion Detection Service (MIDS 3)					
Objective (s): The Unavailable Time objective shall not exceed:					
	Service	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B or S)
	DDoS Detection and Mitigation Service	6 hours	4 hours	N/A	S
	Email Monitoring and Scanning Service	6 hours	4 hours	N/A	S
	Web Security and Filtering Service	6 hours	4 hours	N/A	S
	SIEM, AT&T VSS-PRO (Vulnerability Scanning Service), PBFW, and MIDS 3	6 hours	4 hours	N/A	S
Rights and Remedies	Per Occurrence: 25 percent of the TMRC per occurrence for each service and feature out of service for a period greater than the committed objective level.				
	Monthly Aggregated Measurements: N/A				

Bidder understands the Requirement and shall meet or exceed it? Yes No



7.3.8.12 Unsolicited Service Enhancement SLAs

All unsolicited service enhancements shall be considered a feature of the service, and therefore shall be included as such under the SLAs as defined in this Section.

Bidder understands the Requirement and shall meet or exceed it? Yes X No

7.3.8.13 Proposed Unsolicited Services

The Contractor shall provide SLAs as defined in SLA Section 7.3.8 for each unsolicited offering determined by the CALNET 3 CMO not to be a feature of a service or a component of an unbundled service identified in the technical requirements. SLA tables shall be amended after Contract award to include all new unsolicited services.

Bidder understands the Requirement and shall meet or exceed it? Yes X No

7.3.8.14 Contract Amendment Service Enhancement SLAs

All Contract amendment service enhancements shall be considered a feature of the service, therefore included as such under the SLAs as defined in this Section 0.

Bidder understands the Requirement and shall meet or exceed it? Yes X No