

CBTS Service Attachment 5 Amendment 13

This Amendment (“Amendment”) is entered into by and between the State of Ohio, through the Department of Administrative Services (“State”) and Cincinnati Bell Technology Solutions Inc. (“Service Provider”). This is an Amendment to Service Attachment 5 to the Master Cloud Services Agreement (“MCSA0003”) – Service Attachment 5 related provisions, product offerings, and pricing last signed by the State on August 25, 2015 for the replacement of Service Attachments 1 and 2.

Service Provider and the State hereby agree to modify the Contract as follows:

Purpose: The purpose of this Amendment is to replace Section 5.5 SIP Service and Setup of Service Attachment 5, dated August 25, 2015.

5.5 SIP Service and Setup

The Session Initiation Protocol (SIP) is an application-layer control protocol, a signaling protocol for Internet Telephony. SIP can establish sessions for features such as audio/video conferencing and call forwarding to be deployed over IP networks. This enables the Service Provider to integrate basic IP telephony services with web, e-mail, and instant message services.

Also, video SIP trunk service is available to organizations that already have significant investment in video endpoints and infrastructure. A trunk can be built from the NGTS platform to the customer’s platform.

Key Term	Description
Call Path	A call path is a concurrent call, or the number of users on an off-net call, at any one time. This mechanism serves as the unit/service that SIP trunk customers purchase for monthly service. A SIP call path equals one Subscriber Profile.
SIP Trunk Service Fee	This is a charge call path use based on frequency and number of users (concurrent call paths). Service includes investigating alarms, applying patches, or break-fix and incident repair, in the event of service disruption.
SIP Trunk Setup Fee	Refers to an initial one-time installation and configuration charge.
SIP Trunk DID Fee	Refers to the per DID (Direct-Inward-Dial) charges on SIP trunks services.
TLS Encryption	Refers to encryption of the VoiP SIP traffic. (Who/when/what and where details of the call)
SRTP Encryption	Refers to encryption of the call audio (what is being said on the call).
Video SIP Trunk Service	<p>This service allows for transmission of video, voice and data simultaneously through the SIP.</p> <p>The video SIP trunk service is available to organizations that already have significant investment in video endpoints, infrastructure, and support.</p> <p>A trunk can be built from the NGTS platform to the customer’s video platform. This enables calls to and from the customer platform, to and from NGTS phones, and resources to allow for point-to-point, as well as point-to-multipoint, video calls.</p>

Key Term	Description
Video SIP Trunk Service Fee	This is a charge call path use based on frequency and the number of users (concurrent call paths). This service includes investigating alarms, applying patches or break-fix and incident repair, in the event of service disruption.
Video SIP Trunk Set-Up	This refers to an initial one-time installation and configuration non-recurring charge (NRC). This is a one-time fee for new equipment and/or installation setup per Subscribing Entity.
Video SIP Trunk DID Fee	There is no DID fee in the video SIP trunk service.

SIP Service and Setup Descriptions

The service provider equipment and the SIP service fee is based on a 60-month commitment.

The NGTS recommendations from the IP phone hardware catalog are options available for purchase or lease. The State may purchase hardware from another vendor and supported equipment requirements are detailed in the hardware catalog.

5.5.1 SIP Service Fee and Equipment Setup Cost

1 SIP Call Path = 1 Subscriber Profile

SIP Trunk Service for Total Number of Users	SIP Service Fee Rate Per Month	One Time SIP Equipment Setup Fee
SIP TLS and SRTP Call Path	\$25	\$6,000
SIP Port and Access	N/A	N/A
SIP Call Path for 0 – 500 Users	\$23	\$600.00
SIP Call Path for 501 – 1000 Users	\$21	\$600.00
SIP Call Path for 1001 – 2000 Users	\$19	\$600.00
SIP Call Path for 2001 – 3000 Users	\$17	\$600.00

SIP Service Fee and Equipment Setup Cost

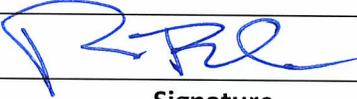
1. Price is based on one (1) concurrent call path for a 6000 MOU maximum per month.
2. There is a one-time charge for equipment and setup fee per Subscribing Entity.
3. For SIP TLS and SRTP call paths, the one-time charge of \$6,000 will be charged.
4. There is a call path monthly charge of \$.008 per minute for each minute over the 6000 maximum.
5. There is a monthly ported DIDs charge of \$.25 per DID.

This is the entire agreement between the parties. Terms and conditions and the State of Ohio's Master Service Agreement apply and can be referenced at the following link:

<http://das.ohio.gov/Divisions/InformationTechnology/TelecommunicationsServices.aspx#4217177-cbts>

SIGNATURE PAGE TO FOLLOW

In Witness Whereof, the Parties have executed this Amendment, which is effective on the date the State's duly authorized representative signs it on behalf of the State, ("Effective Date").

CBTS	STATE OF OHIO, DEPARTMENT OF ADMINISTRATIVE SERVICES
<i>tim lonsway</i>	
Signature	Signature
tim lonsway	Robert Blair
Printed Name	Printed Name
Director Government	DAS Director
Title	Title
5, April 2018	<i>4.16.18</i>
Date	Effective Date