



Recommendation for Action

File #: 19-3422, **Agenda Item #:** 7.

11/14/2019

Posting Language

Authorize negotiation and execution of a 12-month interlocal agreement, including four annual renewal options, with the University of Texas for internet services through Texas Higher Education Network, with an option for the City to expand connections into the cloud exchange for an amount not to exceed \$700,000.

Lead Department

Communications and Technology Management

Fiscal Note

Funding in the amount of \$89,795 is available in the Fiscal Year 2019-2020 Communications and Technology Management Department's Operating Budget. Funding in the remaining contract term is contingent upon available funding in future budgets.

For More Information:

Inquiries should be directed to Leslye Conoley, CTM IT Manager NIO - SIP; 512-574-7826 or Leslye.Conoley@austintexas.gov

Additional Backup Information:

This interlocal agreement will provide continued unmetered commodity internet access for the City. The City has been contracting internet access through the University of Texas for approximately 20 years, over the last three (3) years the City has paid an average of \$96K per year to UT for this access, our interconnect has been limited to one (1) 2-Gig connection. With this agreement the City of Austin will save approximately \$300K for internet services over the next 3 Fiscal Years and will increase our interconnection speeds to two (2) 10-Gigs.

The Texas Higher Education Network backbone interconnects all subscriber institutions, including the City of Austin, and acts as a conduit to national networks. Services include Unmetered Usage of Commodity Internet, which includes 2 10-Gig Circuits and Access to Cloud Exchange. CTM works with the University of Texas to forecast network capacity needs at fair market costs. Internet bandwidth usage and trends has been reviewed and forecasted by the CTM Network teams and it is anticipated that the service offering from UT in this ILA will support the City's internet connectivity needs over the next 36-months.

Services from the University of Texas will include:

- Port-based cost recovery - unlimited usage
- Unlimited usage up to port capacity
 - Commodity Internet
 - Internet2
 - Point-to-Point - Optional service with extra costs included in the contract authority

- Caching and Peering (Netflix, Google, Akamai and Facebook Caches) (34 Discrete Settlement Free Peers)
- Equinix Cloud Connect (AWS, Microsoft Azure, Google Cloud, Etc.)
 - Cloud Exchange Connections Covered
 - PNI - Optional service with extra costs included in the contract authority
- Office of Telecommunication Services (OTS) Customer Portal
- OTS Engineering Design Support
- Customers pay separately for any local loop/access circuits (AT&T)

Contract Year FY20	Estimated Amount
Original Year - 9/1/19 - 8/31/20	\$ 89,795.00
Extension Option 1 - 9/1/20 - 8/31/21	\$ 89,795.00
Extension Option 2 - 9/1/21 - 8/31/22	\$ 89,795.00
Extension Option 3 - 9/1/22 - 8/31/23	\$ 94,285.00
Extension Option 4 - 9/1/23 - 8/31/24	\$ 94,285.00
Total 5 Years	\$ 457,955.00
Options Services	Estimated Amount
Additional Ports or Cloud Exchange Connections	\$ 200,000.00
Contract Not to Exceed	Estimated Amount
UT Internet Services	\$ 700,000.00