



**Purchasing Contract
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 35
AGENDA DATE: Thu 09/01/2005
PAGE: 1 of 1**

SUBJECT: Authorize execution of an Interlocal Agreement with the University of Texas, Austin Technology Incubator, IC2 INSTITUTE for live video testing including equipment costs, consulting and report generation fees in an amount not to exceed \$38,000.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2004-2005 Amended Operating Budget of the Communications and Technology Management Department.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

REQUESTING Purchasing DEPARTMENT: for Financial and Administrative Services - Communications and Technology Management;	DIRECTOR'S AUTHORIZATION: <u>Vickie Schubert</u>
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FOR MORE INFORMATION CONTACT: Mario Guerrero, Senior Buyer/974-2261

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: N/A

PURCHASING: Interlocal Agreement.

MBE / WBE: N/A

Communications and Technology Management would like to enter into an Interlocal Agreement with the University of Texas at Austin, Austin Technology Incubator (ATI) for two initiatives:

1. A test of Orthogonal Frequency Division Multiplexing (OFDM) wireless broadband technology WiMax which will support the City of Austin's ability to transfer wireless digital data.

ATI will perform a test of OFDM wireless broadband technology in a mobile environment. The test will involve the transmission of live video and audio over a wireless communication link between a vehicle and a base station. ATI has the only base station for this type of testing in Austin.

2. Investment in the development of a complete Strategy and Technology Battlefield Map being developed for the Digital Convergence Initiative.

The Digital Convergence Initiative (DCI) is a public/private venture to facilitate the growth of the digital-oriented industrial and scientific base of Central Texas. The Strategy and Technology Battlefield Map project will develop a technology strategy map for digital convergence together with an inventory of digital convergence companies in Central Texas. The companies' technologies/services/content will be located in the technology map. This step will enable DCI to identify economic development opportunities that are not visible now because we cannot establish



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PAGE: 2 of 1**

the technological relationship between and among companies in our region.