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Assessment for the City of Morgantown, WV

City Manager Morgantown
389 Spruce Street
Morgantown, West Virginia 26505

Dear Assessment for the City of Morgantown, WV:

WVU and Morgantown Quick Start Network

Declaration Network Group (DNG) is pleased to extend its WVU Quick Start Network assessment services to the City of Morgantown. This initiative will allow the City Administration to facilitate a series of workshops to assess how Morgantown could leverage an AIR.U certified White Space network delivering high value private and Public Wi-Fi services for the City. DNG is currently expanding the existing pilot network that is currently providing Super Wi-Fi access on the PRT system. The system's design and capabilities additionally has the potential to expand and provide government, consumer and business services into the surrounding community. The Quick Start Program is offered exclusively to AIR.U Higher Ed Institutions, such as WVU, and is deployed and managed by AIR.U founding member, Declaration Networks Group. An effective and sustainable White Space network design and user integration is driven by understanding the local service area geographic boundaries, terrain, available infrastructure, local demographics, potential user communities needs and the current services provided in that location.

AIR.U Background

DNG is a co-founder of AIR.U, which was announced in 2012. AIR.U is a consortium of education associations, public interest groups and high-tech companies organized to establish high capacity White Space networks, supporting wireless broadband applications in underserved campuses and their surrounding communities. The founding Higher Ed organizations collectively represent over 500 colleges and universities nationwide and include the United Negro College Fund, the New England Board of Higher Education, the Corporation for Education Network Initiatives in California (CENIC), the National Institute for Technology in Liberal Education, and Gig.U, an alliance of 37 major universities committed to accelerating world-leading broadband connectivity and services. Google, Microsoft, New America Foundation, Declaration Networks Group, and the Appalachian Regional Commission (ARC) are also founding partners. WVU and DNG have been working together to implement a pilot network for the campus and explore opportunities for the local communities.

SCOPE OF SERVICES

1. Workshop assessments
 - A. Work with the City Manager and designated points of contact, DNG would facilitate workshops with different city departments to provide an overview of White Space network capabilities and

help assess how current departments use or would like to use wireless services for their operations.

- B. DNG will provide the financial and engineering analysts to work with the city administration to perform a site visit, workshop and assessment program in February. It is estimated to be a two or three day visit to complete the network and needs assessment.
- C. Work with City Manager to define service coverage areas, budgets, expenditures, and needs for the City of Morgantown which could be used for future network deployment considerations.
- D. Prepare an assessment report for City Manager on current and planned needs captured in the workshops.

YOUR RESPONSIBILITIES

This project requires information gathering and participation of city staff and management. Ultimate usefulness of the information is dependent on their effort. To help achieve a smooth and successful implementation, it will be your responsibility to:

- 1. Facilitate the attendance of appropriate city staff members for the workshops during an agreed timeframe of the site visit.
- 2. Provide access to appropriate invoices, budgets and operations for current services to establish a baseline expenditure budget and capability assessment. This information will remain confidential and only provided in the assessment report to the City.
- 3. Participate in a workshop discussion on future needs and capabilities for the city and surrounding service area.

BENEFITS

When the project is complete, the City Administrator will have a better understanding of how White Space and Wi Fi technologies could be integrated into city services for public and private Wi-Fi in the business district and other selected locations. The assessment report can be used to review the wireless strategy for the city.

PROFESSIONAL FEES

The assessment and workshop facilitation will be priced as a fixed fee of \$3,500.00 as an extension of work we are doing for WVU. We would like to schedule the workshops and site visit in early to mid-February. Additional engineering or consulting services can be secured in the next 90 days as requested at \$175 per hour plus travel expenses.

We appreciate the opportunity to work with the City and facilitate the City's ability to leverage wireless technology and the AIR.U program for its community.

Sincerely,

Bob Nichols
Chief Executive Officer