EBITDA Capital, Inc. representing the County of Wayne, Mississippi proposes to build a fully redundant self-healing hybrid WiMax / BPL broadband network that will meet the goals of the American Recovery and Reinvestment Act of 2009 (“ARRA”). EBITDA Capital, Inc. is applying for a Broadband Technology Opportunity Program (BTOP) grant and/or Broadband Initiatives Program (BIP) grant/loan in the amount of $21,557,230.00 which will provide all of Wayne County the opportunity to meet the ever more necessary requirements of a connected world. Upon completion of the network, title to the network ownership will be passed to the county. The majority of Wayne County has no significant broadband and is falling further behind a 21st Century America. A fully redundant self-healing hybrid WiMax/BPL network which is connected to a backbone POP is the true solution to broadband for Rural America. EBITDA Capital Inc. is a for profit corporation. Our team is composed of experienced individuals and experienced contractors that have demonstrated results. Our team members have supplied towers to the U.S. Boarder Patrol and many other Federal Agencies and deployed a wireless network for the entire nation of Costa Rica. We are pleased to announce its launch of “Tomorrows Internet Delivery-Today” solution for rural communities. The solution is beyond any technical solution being offered. The multi-hybrid technology, which includes the use of electrical power grid, offers connectivity to all locations at broadband bandwidths speeds unachievable until now. There is no location within the United States where we cannot deliver an internet connection which exceeds five (5) mega bits per second and in many cases provide a connection of up to one hundred and six (106) megabits per second. No school, hospital, business or individual should be without our internet connection, regardless of location. Wayne, Mississippi is located in the lower southeastern part of the state bordering Alabama. The proposed service area covers the entire county. It includes the small town of Waynesboro and State Line and other unincorporated places. Wayne County passes 7,857 households and 603 businesses. The number of community anchor institutions, public safety entities, and critical community organizations passed in this proposed project number twenty (20) total including the Wayne County School District, Wayne General Hospital and both the Waynesboro Police Department and Wayne County Sheriff Department and the Shubuts Police Department. The overall expected subscriber projections for this project are 94% of households and businesses over a five year period. The proposed services and applications for the proposed funded service area are: • Broadband Internet to Every Home or Office (5Mbps to 106Mbps) • Telephone Connections (VoIP) • IPTV- over 800 channels • Telemedicine Abilities • Local Broadcast Capabilities • Local Content Delivery and Storage • Ability to Expand • Secure Communications Capability • Distance Learning and Real Time Classroom Environment • Global Content and Local Environment The proposed network is a hybrid design. The backbone is Micro Wave delivered...
from the backbone to the local community. At the community level towers are installed so that WiMax can be broadcast throughout the total area. Base stations are used to receive and insert signal in power lines which deliver broadband to the user. In some case there is no need to use BPL technology and users may connect directly to the internet while mobile. The introduction of our broadband services will create hundreds of jobs and enhance economic development by: • The deployment of this network • The ongoing operation, maintenance and support of this network and its affiliated commercial operation • Enabling telework, telecommuting, virtual call centers, etc. EBITDA Capital will adhere to the principles contained in the FCC’s Broadband Policy Statement and not favor any lawful Internet applications or content over others. We will display network management policies in a prominent location on our Web page and provide notice to customers of changes to these policies. We will connect to the public internet so this project is not an entirely closed network. Finally, we will offer interconnection, where technically feasible, on reasonable rates and terms to be negotiated with requesting parties. This includes both the ability to connect to the public Internet and physical interconnection for the exchange of traffic. Summary The construction of this network will achieve a number of social and economic development goals for the supported communities of Wayne County, including Waynesboro, State Line and especially the unincorporated areas of Buckatunna, Chicora, Clara, Eucutta, Hiwannee, Matherville and Pleasant Grove. The construction of this network will provide ubiquitous broadband for business, support the computer programs for our public school students, boost computer usage in lower income households, improve education, healthcare and public safety. The construction of this network will provide broadband awareness training for our community leaders and create jobs and enhance economic development while lowering the cost of government. The demand for broadband services in the proposed funding area is documented in this application and the availability of federal funds makes this network possible. And finally, “SPEED” is the keyword in this application. That is, the speed the broadband technology can offer the subscriber, the speed of network planning and permitting, and the speed of deployment in order to meet buildout requirements, and most importantly the capacity to deliver speed, and provide accessibility to everyone in the proposed funding area. We must look back and remember throughout all of ancient and current history the importance of Rivers, Canals, Trains, Highways and now the Internet and how they relate to all of commerce for goods and services. Any community “not connected” will dry up and go away. EBITDA Capital does not want this to happen to Wayne County and with your help, it won’t. This application explains the case for this undertaking and why this project could not be built at a comparable level of service for the targeted communities in the grant period without federal assistance.