

## **Broadband USA Applications Database**

**Applicant Name:** Residential Data Solutions

**Project Title:** Proposed expansion covering all of eastern Lauderdale county in north Alabama

**Project Type:** Last Mile Remote

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### **Executive Summary**

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The proposed grant would expand an existing service by greater than 10 fold. Our company currently services around 30 rural customers who's only option for high speed internet access is satellite or cellphone carrier. With both of these previous options, customers are required to pay large installation/start-up fees along with an average of \$70 per month service charge. This is in addition to being required to engage in lengthy contracts. Our service has a one time installation charge of \$99.99 and the customer incurs a monthly service charge of \$34.99 per month. In addition, no contract is required. The service we currently provide is 768K upload, 768K download. If this funding is approved, we can move forward on leasing 10Mb fiber channels and increasing everyone's bandwidth to a minimum of 1.5M upload, 1.5M download. Depending on the response seen from this expansion, bandwidths of 3M upload and download is within reach and still maintain the \$34.99 service charge per month. The expansion consists of erecting a series of 10 towers at 4-5 mile intervals utilizing lease of pasture land from various farmers in the service area. In addition, these sites would be strictly solar powered, thus self-sustaining and Eco-friendly as well. The existing "infrastructure" has already been acquired by our company. This encompasses approximately \$50,000 of network equipment, towers, APs, CPEs and various servers. We also operate a registered email server and provide multiple email accounts to our customers. Additionally, we host websites for our customers at no additional charge.