

CITY OF SAN CLEMENTE, CALIFORNIA

AT&T Project Lightspeed Technical Questionnaire

February 2007

This questionnaire is submitted to AT&T by the City of San Clemente. The purpose of the questionnaire is to elicit detailed information from AT&T to assist the City in its time, place, and manner planning considerations of and for AT&T's Project Lightspeed deployment.

As used here, "you" and "your" refers to AT&T (including without limitation any related corporate entity or contractor), and "City" refers to the City of San Clemente.

Please answer every question on this form in full and provide technical detail as requested. Where you are unable to answer a question, or only partially answer a question, indicate all reasons why the incomplete detail.

Where your answer requires additional space, please provide the full answer in an attachment to this form and reference the question.

Please respond on this original form, and provide five true and complete copies of the information requested in this questionnaire.

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- Q1: Please provide a detailed non-technical overview (executive summary) of Project Lightspeed and all related offerings. Include information regarding all of the services to be offered now and in the foreseeable future, and once installed the minimum period of years you expect this equipment to remain in the City.
- Q2: Please provide a detailed technical overview of Project Lightspeed. Include the technical detail regarding the all places and manner you wish to occupy the City's rights of way, as well as any private property occupancy (other than at end-subscriber locations).
- Q3. Will you deploy Project Lightspeed to all residential areas of the City? If not, specify the reason(s) why and indicate on a street map of the City all of the residential areas that will not receive Project Lightspeed.

- Q4. Will you deploy Project Lightspeed to all non-residential areas of the City? If not, specify the reason(s) why and indicate on a street map of the City all of the non-residential areas that will not receive Project Lightspeed.
- Q5. Describe in technical and dimensional detail each type of cabinet and/or substructure you propose to install in the right-of-way.
- Q6. Once you have identified a proposed location for a Project Lightspeed cabinet (52B-type or similar), can the location be changed to accommodate right-of-way or other considerations? If yes, please provide the technical criteria used to evaluate a substitute location and the maximum distance permitted for the relocation. If not, fully explain the reason(s) why not in technical detail.
- Q7. Where adequate space is available in an existing underground structure such as a controlled environment vault ("CEV") or controlled environment manhole ("CEMH") will you place your Project Lightspeed equipment in that structure? If not, please fully explain the reason(s) why not in technical detail.
- Q8. Within any service area served by AT&T have you placed or do you plan to place Project Lightspeed cabinets and/or equipment in CEVs, CEMHs, or other underground structures? If yes, please fully describe the circumstances and conditions that are met to permit this undergrounding.
- Q9. Describe in technical detail the commercial powering requirements from SDG&E, if any, for each type of cabinet/enclosure, and whether a separate or integrated power meter and meter base are required for operation.
- Q10. Describe in technical detail the construction process and techniques to be used to install (a) all cables above and below ground, (b) above ground equipment, (c) below ground equipment, (d) overhead equipment, and (e) any other portions of the system not captured by (a) through (d) of this question.

In additional to the questions posed above, please provide the City with the following:

- Q11. Full technical specifications of each type of cabinet/enclosure proposed for installation in the City. Please include accurately-scaled photos and/or photo simulations.
- Q12. Full technical specifications of subscriber terminal equipment devices to be located at service addresses including, without limitation, network interface devices and subscriber terminals ("converters").
- Q13. All construction manuals and construction requirements to be used by AT&T and/or its contractors during the proposed installation of this system.
- Q14. A proposed timetable for construction and activation throughout the portions of the City to be served by AT&T.
- Q15. A detailed street map showing the locations of all Project Lightspeed-related installations which may or will occur within the next three (3) years.
- Q16. A detailed street map highlighted to show all areas of the City where AT&T currently offers DSL service. If more than a single type or service level of DSL is currently available in the City, differentiate the highlighting and provide an explanation of the various types or service levels identified on the map.

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