traffic capacity as proposed by the bidder. This appendix B shall be filled in by the bidder and must be presented with the bid.

2. Performance Objectives

2.1 Reliability (See paragraph (c) of this section)

2.2 Busy Hour Load Capacity and Traffic Delay (See Paragraph (g) of this section)

3. Equipment Quantities Dependent on System Design

3.1 Transmission Facilities between the Central Office and Remote Terminals

Type	Quantity equipped	Quantity wired only

4. Power Requirements

4.1 Central Office Terminal

Voltage _____

Current Drain (Amps) Normal _____, Peak _____

Fuse Qty _____, Size _____, Type _____

Heat Dissipation (BTU/Hr.) _____

4.2 Remote Terminal

AC or DC _____

Voltage _____

Current Drain (Amps) Normal _____, Peak _____

Fuse Qty _____, Size _____, Type _____

Heat Dissipation (BTU/Hr.) _____

Power required for heating or cooling equipment in remote bidder-furnished housing

5. Temperature and Humidity Limitations

5.1 Temperature

	Central office	Remote*
Maximum °F (°C)		
Minimum °F (°C)		

5.2 Relative Humidity

	Central office	Remote*
Maximum		
Minimum		

*Show conditions outside bidder-furnished housing.

6. Explanatory Notes

[60 FR 44729, Aug. 29, 1995, as amended at 69 FR 18803, Apr. 9, 2004]

§§ 1755.398–1755.399 [Reserved]

§ 1755.400 RUS standard for acceptance tests and measurements of telecommunications plant.

Sections 1755.400 through 1755.407 cover the requirements for acceptance tests and measurements on installed copper and fiber optic telecommunications plant and equipment.

[62 FR 23960, May 2, 1997]

§ 1755.401 Scope.

(a) Acceptance tests outlined in §§ 1755.400 through 1755.407 are applicable to plant constructed by contract or force account. This testing standard provides for the following:

(1) Specific types of tests or measurements for the different types of telecommunications plant and equipment;

(2) The method of measurement and types of measuring equipment;

(3) The expected results and tolerances permitted to meet the acceptable standards and objectives;

(4) Suggested formats for recording the results of the measurements and tests; and

(5) Some probable causes of nonconformance and methods for corrective action, where possible.

(b) Alternative methods of measurements that provide suitable alternative results shall be permitted with the concurrence of the Rural Utilities Service (RUS).

(c) For the purpose of this testing standard, a ''measurement'' shall be defined as an evaluation where quantitative data is obtained (e.g., resistance in ohms, structural return loss in decibels (dB), etc.) and a ''test'' shall be defined as an evaluation where no quantitative data is obtained (e.g., a check mark indicating conformance is usually the result of the test).

(d) The sequence of tests and measurements described in this standard have been prepared as a guide. Variations from the sequence may be necessary on an individual application basis.

(e) There is some overlap in the methods of testing shown; also, the extent of each phase of testing may vary on an individual basis. The borrower shall determine the overall plan of testing, the need and extent of testing, and the responsibility for each phase of testing.

[62 FR 23960, May 2, 1997]

§ 1755.402 Ground resistance measurements.

(a) The resistance of the central office (CO) and the remote switching terminal (RST) ground shall be measured before and after it has been bonded to the master ground bar (MGB) where it is connected to the building electric service ground.

(b) The ground resistance of electronic equipment such as span line repeaters, carrier terminal equipment, concentrators, etc. shall be measured.

(c) *Method of measurement.* The connection of test equipment for the ground resistance measurement shall be as shown in Figure 1. Refer to RUS Bulletin 1751F–802, ''Electrical Protection Grounding Fundamentals,'' for a comprehensive discussion of ground resistance measurements.

(d) *Test equipment.* The test equipment for making this measurement is shown in Figure 1 as follows: