Since the remote terminals would operate unattended, there would be no personnel costs associated with them, except for maintenance. Personnel would be required, however, at the central terminal and at the one postulated regional terminal. This cost is calculated at US$700,000 per year.

In the absence of a detailed system design, annual maintenance costs have been estimated at ten percent of equipment costs. This is a standard industry practice in such cases.

Addition of the three cost components yields a range for annual operating costs of US$5,800,000 to US$11,300,000 for a system of 500 facilities.

Cost data are summarized in Table 2. The high capital cost figure is based on the rather pessimistic assumption that each facility requires its own unique development effort. The high and low figures for the operating costs are derived from extreme combinations of the three postulated geographical distributions of the facilities.

TABLE 2

DATA COLLECTION COSTS FOR 500 FACILITIES

(in millions US$)

	High	Low
Capital		
Equipment	30	30
Development	42	12
TOTAL	72	32
OPERATING (Annual)		
Sat. Leasing	7.6	2.1
Personnel	0.7	0.7
Maintenance	3.0	3.0
TOTAL	11.3	5.8