Assuming;

64 antennas filters at the antenna digital mode selection 125 MHz LVDS signal cabling 4K, .25 u chip sampler cost excluded no spares included

ITEM	QUANTITY REQD	NRE (K\$)	UNIT PRICE (K\$)	TOTAL (M\$)	with opens
STATION CARDS FILTER CARDS CORRELATOR CARDS LTA CARDS CONTROL CARDS	768 512 512 64 96	\$3 \$3.5 \$5 \$4.5 \$2.5	\$1.5[1] \$2.5[1] \$1.0[2] \$2.0[1] \$1.5[1]	\$1.15 \$1.28 \$0.52 \$0.13 \$0.15	3550
✓ CORRELATOR CHIP BACKPLANES SIGNAL CABLES[3] CARD BINS	192	\$286 \$10 \$7.5	\$0.05 \$2.5 \$0.05 \$2.5	\$1.92 \$0.49 \$0.48 \$0.51	2309 490 504 510
RACKS[4] POWER SUPPLIES METAL WORK TEST EQUIPMENT VME COMPUTERS SOFTWARE	36 200KW + ¹⁰⁷ * 17 + 2	- - - - -	\$2.5 \$0.002/W \$50 \$50 \$4.5 \$100	\$0.09 \$0.4 \$0.05 \$0.05 \$0.25 \$0.1	90 480 50 280 100
			TOTAL	\$7. 40	8404K

[1] including assembly
[2] including assembly but excluding correlator chips
[3] four 125 MHz digital signals per cable
[4] does not include racks at the antennas

The spreadsheets of 1-13: \$\$8545K

New correlator cost estimate (for PDR) \$ 8545K M&S including spores Direct labor +benefits 1999 dollars 3709 K 12,254 K Contingency (27%) 3,351 K \$ 15,605 K Required budget cut back construction phase labor to 3/4

1-13-00