TMS 11.6.96

Cost Estimate

FINDER TRANSITION MODULE

Transition Channels

54	90C032	LVDS Receiver	$4.00	$486.00
9	50pin conn	50pin connector	$5.00	$ 45.00
1	PCB	PCB	$200.00	$200.00
1	Front Panel	Front Panel	$25.00	$ 25.00
1	DIN Conn	DIN Connector	$25.00	$ 25.00
3	HM Conn	2mm HM Connector	$25.00	$ 75.00

TOTAL				**$856**

MAIN FINDER BOARD

Input Channels

1	Cy7B991	PLL	$20 .00		$20.00
1	TTL-delay	TTL-delay	$25.00	$25.00	
1	PLD	PLD	$20.00	$20.00	
1	CY7c4225	FIFO	$45.00	$45.00	

				$120.00 x (9 channels + 4 neighbors)	
			=>	$1560.00	

Readout Controller

($50-$200 depending on complexity) $200.00

VMEbus Slave Interface $300.00

Finder Chips

9	10K50	Finder FPGA	$200.00	$1800.00

Finder -> Linker Data Drivers

(estimate $150) $150.00

MISC

1	PCB	PCB	$500.00	$500.00
1	Front Panel	Front Panel	$25.00	$ 25.00
2	DIN Conn	DIN Connectors	$25.00	$ 50.00
3	HM Conn	2mm HM Connector	$25.00	$ 75.00
xx	connectors	Finder-> Linker Conn		$ 100.00
	Assembly			$ 100.00

				$850.00
TOTAL				**$4960**

BACKPLANE

1	PCB	PCB	$700.00	$700.00
38	HM Conn	2mm HM Connectors	$30.00	$1140.00

TOTAL				**$1840**

Sytem Costs

XFT Backplanes @ $1840	**(3 required + 2 spare)**	**$ 9200**	
Finder Boards @ $4960	**(48 required + 8 spare)**	**$277760**	
Finder Transition Boards @ $856	**(48 required + 8 spare)**	**$ 47936**	
Cabling from Finder -> Linker		**$ 10000**	**(best guess)**
Cabling Ansley -> Finder @$20	**(336+)**	**$ 7000**	
LINKER Board			