

Qty	Vendor	Model	Description	Unit Cost	Total Cost	Elmagarmid		Korb		Park		Ghafoor	
						Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
1. Capture													
2	Sony	CCD-TRV99	Hi-8 video camera	\$ 1,000	\$ 2,000	1	\$ 1,000	\$ -	\$ -	1	\$ 1,000	\$ -	\$ -
10	Sony	DCR-TRV9	Digital video camera	\$ 1,300	\$ 13,000	2	\$ 2,600	\$ -	4	\$ 5,200	4	\$ 5,200	\$ -
2	Sony	DCR-VX1000	Digital video camera	\$ 3,200	\$ 6,400	\$ -	\$ -	1	\$ 3,200	1	\$ 3,200	\$ -	\$ -
2			Audio recorder	\$ 1,000	\$ 2,000	\$ -	\$ -	1	\$ 1,000	\$ -	\$ -	1	\$ 1,000
2	Sony	DKR-700/2	Still image recorder	\$ 5,000	\$ 10,000	1	\$ 5,000	\$ -	\$ -	\$ -	\$ -	1	\$ 5,000
2	Sony	DHR-1000	Digital video player/recorder	\$ 3,400	\$ 6,800	1	\$ 3,400	\$ -	1	\$ 3,400	\$ -	\$ -	\$ -
14			Tripod	\$ 125	\$ 1,750	3	\$ 375	2	\$ 250	5	\$ 625	4	\$ 500
<i>Capture Total</i>					\$ 41,950		\$ 12,375		\$ 4,450		\$ 12,425		\$ 12,700
2. Compression													
12	Optibase	MovieMaker 200	MPEG-2 encoder	\$ 7,000	\$ 84,000	3	\$ 21,000	1	\$ 7,000	4	\$ 28,000	4	\$ 28,000
2	Optibase	MovieMaker	MPEG-1 encoder	\$ 4,000	\$ 8,000	1	\$ 4,000	\$ -	1	\$ 4,000	\$ -	\$ -	\$ -
2	Sony		DV to MPEG converter	\$ 5,000	\$ 10,000	\$ -	\$ -	1	\$ 5,000	\$ -	\$ -	1	\$ 5,000
<i>Compression Total</i>					\$ 102,000		\$ 25,000		\$ 12,000		\$ 32,000		\$ 33,000
3. Storage													
2	StorageTek	9710	Terrabyte HSM	\$ 59,000	\$ 118,000	1	\$ 59,000	\$ -	\$ -	\$ -	\$ -	1	\$ 59,000
2	Sun	E3500	Database compute engine	\$ 55,000	\$ 110,000	1	\$ 55,000	\$ -	0.5	\$ 27,500	0.5	\$ 27,500	\$ -
2			RAID storage server	\$ 17,000	\$ 34,000	2	\$ 34,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Dell/Myricom		Experimental storage server	\$ 25,400	\$ 101,600	4	\$ 101,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Storage Total</i>					\$ 363,600		\$ 249,600		\$ -		\$ 27,500		\$ 86,500
4. Networking													
10	Fore	ASX200BX	ATM workgroup switch	\$ 7,000	\$ 70,000	1	\$ 7,000	\$ -	7	\$ 49,000	2	\$ 14,000	\$ -
3			Gigabit Ethernet switch	\$ 8,000	\$ 24,000	1	\$ 8,000	\$ -	2	\$ 16,000	\$ -	\$ -	\$ -
1	Myricom	M2LM-SW16	Myrinet switch	\$ 5,000	\$ 5,000	1	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Proxim	RangeLan2	Wireless network	\$ 1,300	\$ 5,200	1	\$ 1,300	\$ -	3	\$ 3,900	\$ -	\$ -	\$ -
10	Cisco	7204 w/OC-3	WFQ & RSVP router	\$ 21,665	\$ 216,650	1	\$ 21,665	\$ -	8	\$ 173,320	1	\$ 21,665	\$ -
40			Appropriate NICs	\$ 1,000	\$ 40,000	10	\$ 10,000	1	\$ 1,000	20	\$ 20,000	9	\$ 9,000
<i>Networking Total</i>					\$ 360,850		\$ 52,965		\$ 1,000		\$ 262,220		\$ 44,665
5. Presentation and Development													
25	Optibase	VideoPlex Express	Hardware MPEG-2 decoder	\$ 700	\$ 17,500	8	\$ 5,600	1	\$ 700	12	\$ 8,400	4	\$ 2,800
10	Dell	Optiplex	Workstation	\$ 3,000	\$ 30,000	3	\$ 9,000	\$ -	5	\$ 15,000	2	\$ 6,000	\$ -
1	Sun	E3500	Server	\$ 35,000	\$ 35,000	\$ -	\$ -	1	\$ 35,000	\$ -	\$ -	\$ -	\$ -
5			Laptop	\$ 3,000	\$ 15,000	2	\$ 6,000	\$ -	1	\$ 3,000	2	\$ 6,000	\$ -
<i>Presentation Total</i>					\$ 97,500		\$ 20,600		\$ 35,700		\$ 26,400		\$ 14,800
					\$ 965,900		\$ 360,540		\$ 53,150		\$ 360,545		\$ 191,665
							37%		6%		37%		20%
General Expenses													
5			Supplies	\$ 11,357	\$ 56,785								
5			Maintenance	\$ 40,000	\$ 200,000								
5			Computer Services	\$ 4,000	\$ 20,000								
5			Indirect Cost		\$ 143,928								
<i>Total General Expenses</i>					\$ 420,713								
Total Request from NSF					\$ 1,386,613								
Personnel (including fringe benefits and indirect costs)													
5			Salary & Wages		\$ 542,789								
5			Indirect Cost Sharing (Purdue + Bellcore)		\$ 271,810								
<i>Personnel & Indirect Cost Sharing Total</i>					\$ 814,599								
Total Project Budget					\$ 2,201,212								