

Table A-1. Cash Flow Summary

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	TOTAL
<b>COSTS</b>																
<b>VENDOR</b>																
Full Equip & Set-up	\$3,110,520	\$3,110,520	\$3,110,520	\$3,110,520	\$3,110,520											\$15,552,600
Tag Costs	\$2,080	\$4,160	\$6,240	\$8,320	\$10,400	\$10,400	\$10,400	\$10,400	\$10,400	\$10,400	\$10,400	\$10,400	\$10,400	\$10,400	\$10,400	\$135,200
<b>DEPOT</b>																
Equip & Set-Up	\$421,000	\$421,000														\$842,000
Tag Costs	\$77,500	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$2,247,500
<b>CCP</b>																
Equip & Set-Up	\$34,328															\$34,328
<b>CUSTOMER</b>																
Equip & Set-Up	\$292,634	\$292,634	\$292,634	\$292,634	\$292,634											\$1,463,168
Tag Costs	\$1,110	\$2,220	\$3,330	\$4,440	\$5,550	\$5,550	\$5,550	\$5,550	\$5,550	\$5,550	\$5,550	\$5,550	\$5,550	\$5,550	\$5,550	\$72,150
<b>CENTRAL DATA REPOSITORY</b>																
Development & Interfaces	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000												\$5,000,000
Maintenance					\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$1,375,000
<b>Hardware</b>																
Vendor						\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$8,500,000
Government						\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$1,500,000
<b>TOTAL</b>	\$5,189,171	\$5,235,534	\$4,817,724	\$4,820,914	\$3,699,104	\$1,295,950	\$1,295,950	\$1,295,950	\$1,295,950	\$1,295,950	\$1,295,950	\$1,295,950	\$1,295,950	\$1,295,950	\$1,295,950	\$26,721,946

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	TOTAL
<b>BENEFITS</b>																
<b>DEPOT</b>																
Induction Savings	\$25,200	\$50,400	\$75,600	\$100,800	\$126,000	\$126,000	\$126,000	\$126,000	\$126,000	\$126,000	\$126,000	\$126,000	\$126,000	\$126,000	\$126,000	\$1,638,000
WHSMN Research	\$95,760	\$191,520	\$287,280	\$383,040	\$478,800	\$478,800	\$478,800	\$478,800	\$478,800	\$478,800	\$478,800	\$478,800	\$478,800	\$478,800	\$478,800	\$6,224,400
INSP Research	\$42,235	\$84,470	\$126,706	\$168,941	\$211,176	\$211,176	\$211,176	\$211,176	\$211,176	\$211,176	\$211,176	\$211,176	\$211,176	\$211,176	\$211,176	\$2,745,288
<b>CCP</b>																
WHSMN Research	\$169,050	\$338,100	\$338,100	\$338,100	\$338,100	\$338,100	\$338,100	\$338,100	\$338,100	\$338,100	\$338,100	\$338,100	\$338,100	\$338,100	\$338,100	\$4,902,450
<b>CUSTOMER</b>																
Induction Savings	\$452,060	\$904,120	\$1,356,180	\$1,808,240	\$2,260,300	\$2,260,300	\$2,260,300	\$2,260,300	\$2,260,300	\$2,260,300	\$2,260,300	\$2,260,300	\$2,260,300	\$2,260,300	\$2,260,300	\$29,383,900
Receipt Research	\$433,978	\$867,955	\$1,301,933	\$1,735,910	\$2,169,888	\$2,169,888	\$2,169,888	\$2,169,888	\$2,169,888	\$2,169,888	\$2,169,888	\$2,169,888	\$2,169,888	\$2,169,888	\$2,169,888	\$28,208,544
<b>TOTAL</b>	\$1,218,283	\$2,436,565	\$3,485,799	\$4,535,031	\$5,584,264	\$5,584,264	\$5,584,264	\$5,584,264	\$5,584,264	\$5,584,264	\$5,584,264	\$5,584,264	\$5,584,264	\$5,584,264	\$5,584,264	\$73,102,582
<b>NET</b>	-\$3,970,888	-\$2,798,969	-\$1,331,925	-\$285,883	\$1,885,160	\$4,288,314	\$4,288,314	\$4,288,314	\$4,288,314	\$4,288,314	\$4,288,314	\$4,288,314	\$4,288,314	\$4,288,314	\$4,288,314	\$36,380,636

Table A-2. Estimated Net Present Value

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Year Index (for calc.)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Discount Factor	1.0000	0.9690	0.9389	0.9098	0.8816	0.8543	0.8278	0.8021	0.7773	0.7532	0.7298	0.7072	0.6852	0.6640	0.6434
<b>Discounted Flows</b>															
Costs	\$5,189,171	\$5,073,192	\$4,523,582	\$4,386,218	\$3,261,202	\$1,107,107	\$1,072,779	\$1,039,514	\$1,007,281	\$976,048	\$945,782	\$916,456	\$888,039	\$860,503	\$833,820
Benefits	\$1,218,283	\$2,361,013	\$3,272,977	\$4,126,113	\$4,923,196	\$4,770,539	\$4,622,615	\$4,479,278	\$4,340,386	\$4,205,800	\$4,075,388	\$3,949,019	\$3,826,569	\$3,707,916	\$3,592,942
Net	-\$3,970,888	-\$2,712,179	-\$1,250,605	-\$260,105	\$1,661,994	\$3,663,432	\$3,549,837	\$3,439,764	\$3,333,105	\$3,229,753	\$3,129,606	\$3,032,564	\$2,938,531	\$2,847,413	\$2,759,121
Cumulative	-\$3,970,888	-\$6,683,067	-\$7,933,672	-\$8,193,777	-\$6,531,783	-\$2,868,351	\$681,485	\$4,121,250	\$7,454,355	\$10,684,108	\$13,813,713	\$16,846,277	\$19,784,807	\$22,632,221	\$25,391,342
<b>Net Present Value</b>															<b>\$25,391,342</b>

Note: Discount rate = 3.2%