

# South Liberty Public Library Cost-Benefit Analysis

10/21/2013

	2013	2014	2015	2016	2017	
<b>Development Costs</b>						
Database Software	1,020.00	0.00	0.00	0.00	0.00	
Hosting	59.40	0.00	0.00	0.00	0.00	
Training	2,000.00	0.00	0.00	0.00	0.00	
Development labor	104,000.00	0.00	0.00	0.00	0.00	
<b>Total Development Costs</b>	<b>107,079.40</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>107,079.40</b>
<b>Operational Costs</b>						
HW/SW maintenance	0.00	2,000.00	2,000.00	2,000.00	2,000.00	
Operational Labor	0.00	40,000.00	40,000.00	40,000.00	40,000.00	
Hosting	0.00	59.40	59.40	59.40	59.40	
Credit Card Processing	0.00	200.00	200.00	200.00	200.00	
Database Software	0.00	1,020.00	1,020.00	1,020.00	1,020.00	
<b>Total Operational Costs</b>	<b>0.00</b>	<b>43,279.40</b>	<b>43,279.40</b>	<b>43,279.40</b>	<b>43,279.40</b>	<b>173,117.60</b>
<b>Benefits</b>						
Increased Funding	0.00	20,000.00	25,000.00	25,000.00	25,000.00	
Reduction Labor Costs	0.00	50,000.00	50,000.00	50,000.00	50,000.00	
Reduction Materials	0.00	20,000.00	20,000.00	20,000.00	20,000.00	
<b>Total Benefits</b>	<b>0.00</b>	<b>90,000.00</b>	<b>95,000.00</b>	<b>95,000.00</b>	<b>95,000.00</b>	<b>375,000.00</b>
<b>Total Costs</b>	<b>107,079.40</b>	<b>43,279.40</b>	<b>43,279.40</b>	<b>43,279.40</b>	<b>43,279.40</b>	<b>280,197.00</b>
<b>Total Benefits - Total Costs</b>	<b>-107,079.40</b>	<b>46,720.60</b>	<b>51,720.60</b>	<b>51,720.60</b>	<b>51,720.60</b>	<b>94,803.00</b>
<b>Cumulative Net Cash Flow</b>	<b>-107,079.40</b>	<b>-60,358.80</b>	<b>-8,638.20</b>	<b>43,082.40</b>	<b>94,803.00</b>	
<b>Return on Investment</b>	<b>0.34</b>					
<b>Break Even</b>	<b>3.17</b>					

<b><u>Development Labor:</u></b>	<b><u>Projected</u></b>
Iteration 0	40
Iteration 1	160
Iteration 2	160
Iteration 3	160
<b>Total</b>	<b>520</b>