15.8

REQUEST FOR BUDGET ADJUSTMENT

Executive Summary
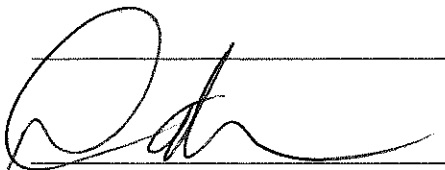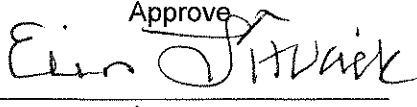
Reference No: 102000IA02		**For Fiscal Year:**	*2017*
Requesting Organization: Mayor's Administration-Human		**Date of Request:**	17-Mar-17
Budget Adjust Type(s): Technical		**One Time Change (Y or N):**	Y
		If No, next year's impact:	$0
		Net FTE Change:	0.00

Description and Justification:

League of Women Voters of Salt Lake: Technical adjustment to move the budget from Other Professional Fee to Contribution ($1,000) to League of Women Voters of Salt Lake.

Fund Impact

SUMMARY OF FUND IMPACT BY FUND	
FUND:	**110 GENERAL FUND**
Fund Impact (Budgetary)	$0
Fund Impact (Transfers)	$0
TOTAL FUND IMPACT	$0

SUMMARY OF CNTY FUNDING IMPACT BY DEPT				
DEPT	REVENUE	EXPENSE	BAL SHEET	CNTY FUNDING
TOTALS	0	0	0	0

Approvals

		Date:	
Division Director:		Date:	
Dept. or Elected Fiscal Mgr:	Yanping Ding Digitally signed by Yanping Ding Date: 2017.03.17 12:50:23 -06'00'	Date:	
Dept. Dir. or Elected Official:	Karen Crompton Digitally signed by Karen Crompton Date: 2017.03.17 13:21:33 -06'00'	Date:	
Facilities Division Director: *(Capital Projects Only)*		Date:	
Chief Financial Officer:	_Approve_	Date: 3/20/17
Mayor or Designee:	_Approve_	Date: 3/20/17
Council Action:	_Approve_	Date:	

Budget Adjustment Detail

Budget Year: 2017   **✳ Requesting Department:** Mayor's Administration-Human Services

Budget Period: Pre-June Interim   ✳ **Req Item No:** 102000IA02   ✳ **Adjustment Title:** League of Women Voters of Salt Lake

Adjustment Type(s): Technical

Expense Budget String(s):

FUND	AGENCY	SUB-DEPT ID	EXPENSE ACCOUNT	PROG/ACT ID (OPT)	PROJECT ID (CAP)	AMOUNT
110	010	1020001200	639025			(1,000)
110	010	1020001200	667005			1,000

TOTAL EXPENDITURE CHANGE: $0

Revenue Budget String(s):

FUND	AGENCY	SUB-DEPT ID	REVENUE ACCOUNT	PROG/ACT ID (OPT)	PROJECT ID (CAP)	AMOUNT

TOTAL REVENUE CHANGE: $0

Balance Sheet String(s):   ⌐ Bal sheet strings only required for Proprietary Fund adjustments; check if applicable.

FUND	SUB-DEPT ID	BAL. SHEET ACCOUNT	AMOUNT
		BAL_SHT	
		BAL_SHT	
		BAL_SHT	

TOTAL BALANCE SHEET CHANGE: $0

✳   **One Time Change (Y or N):** Y   **No. of New FTEs:** 0.00 (2)

    If No, next year's impact: $0   **No. of New Time Limited FTEs:** 0.00 (2)

    No. of Transferred FTEs: 0.00 (2)

    No. of Other FTEs: 0.00 (2)

Fund Balance Transfers:

From Fund	From Dept ID	To Fund	To Dept ID	Amount

Description and justification: (Attach additional pages as needed.)

Technical adjustment to move the budget from Other Professional Fee to Contribution ($1,000) to League of Women Voters of Salt Lake.

(1) If the request is for a grant, include the dates the grant will expire and what obligations are required of the County after the grant expires.

(2) For FTE related requests, complete and print the "Position" tab. Totals from that tab will be carried over to here.

15.9

REQUEST FOR BUDGET ADJUSTMENT

Executive Summary

Reference No: 605000IA02	**For Fiscal Year:**	*2017*
Requesting Organization: 60500000 INFORMATION SVCS	**Date of Request:**	22-Mar-17
Budget Adjust Type(s): FTE/Position Reclass	**One Time Change (Y or N):**	N
	If No, next year's impact:	$272,586
	Net FTE Change:	0.00
Description and Justification:		TL to FT

Work-Order TL Positions Reclass Req.: During the 2017 budget process, Information Services division was funded 2 time-limited (TL) PeopleSoft Programmer and Business Analyst positions to manage PeopleSoft-Work Order System integration and ongoing support. A PeopleSoft Programmer is a highly skilled and is in high demand in Salt Lake Valley job market. The Programmer position was posted and open for over 2 months. However, due to the TL status very limited qualified candidates were interested in the job. The Business Analyst position for the Work-Order system requested to engage other county agencies, provide support and mange routine updates and patches to improve service levels, reduce risk and supplement County resources to focus on continual process improvement on an ongoing basis. We are requesting to reclass these 2 positions as Full-time merit position to attract and retain qualified candidates. The alternative to use consulting and contracted services are considered too expensive.

Fund Impact

SUMMARY OF FUND IMPACT BY FUND	
FUND:	**110 GENERAL FUND**
Fund Impact (Budgetary)	$0
Fund Impact (Transfers)	$0
TOTAL FUND IMPACT	$0

SUMMARY OF CNTY FUNDING IMPACT BY DEPT				
DEPT	REVENUE	EXPENSE	BAL SHEET	CNTY FUNDING
TOTALS	0	0	0	0

Approvals

Division Director:		Date:	3-23.17
Dept. or Elected Fiscal Mgr:		Date:	3-23.17
Dept. Dir. or Elected Official:		Date:	3.27.17
Facilities Division Director: *(Capital Projects Only)*		Date:	
Chief Financial Officer:	Approved	Date:	3-23-17
Mayor or Designee:	Approve	Date:	3-24-17
Council Action:	Approve	Date:	

Budget Adjustment Detail

Budget Year: **2017**   **✱ Requesting Department:** | 60500000 INFORMATION SVCS ▾ |

Budget Period: | Pre-June Interim ▾ | **✱ Req Item No:** | 605000A02 ▾ | **✱ Adjustment Title:**   Work-Order TL Positions Reclass Req

Adjustment Type(s): | FTE/Position Reclass ▾ | | ▾ | | ▾ |

Expense Budget String(s):
This adjustment involves a reclass; while the next year's financial impact may be presented, no actual budget adjustment is requi.

FUND	AGENCY	SUB-DEPT ID	EXPENSE ACCOUNT	PROG/ACT ID (OPT)	PROJECT ID (CAP)	AMOUNT
110	060	6050000410	601030			101,448
110	060	6050000410	601040			(101,448)
110	060	6050000410	601030			90,636
110	060	6050000410	601040			(90,636)

TOTAL EXPENDITURE CHANGE: **$0**

Revenue Budget String(s):

FUND	AGENCY	SUB-DEPT ID	REVENUE ACCOUNT	PROG/ACT ID (OPT)	PROJECT ID (CAP)	AMOUNT

TOTAL REVENUE CHANGE: **$0**

Balance Sheet String(s):
☐ Bal sheet strings only required for Proprietary Fund adjustments; check if applicable.

FUND	SUB-DEPT ID	BAL. SHEET ACCOUNT	AMOUNT
		BAL_SHT	
		BAL_SHT	
		BAL_SHT	

TOTAL BALANCE SHEET CHANGE: **$0**

✱ One Time Change (Y or N):   N
If No, next year's impact: $272,586

No. of New FTEs: 0.00   *(2)*
No. of New Time Limited FTEs: 0.00   *(2)*
No. of Transferred FTEs: 0.00   *(2)*
No. of Other FTEs: 0.00   *(2)*

Fund Balance Transfers:

From Fund	From Dept ID	To Fund	To Dept ID	Amount

Description and justification: (Attach additional pages as needed.)

During the 2017 budget process, Information Services division was funded 2 time-limited (TL) PeopleSoft Programmer and Business Analyst positions to manage PeopleSoft-Work Order System integration and ongoing support. A PeopleSoft Programmer is a highly skilled and is in high demand in Salt Lake Valley job market. The Programmer position was posted and open for over 2 months. However, due to the TL status very limited qualified candidates were interested in the job. The Business Analyst position for the Work-Order system requested to engage other county agencies, provide support and mange routine updates and patches to improve service levels, reduce risk and supplement County resources to focus on continual process improvement on an ongoing basis. We are requesting to reclass these 2 positions as Full-time merit position to attract and retain qualified candidates. The alternative to use consulting and contracted services are considered too expensive.

(1) If the request is for a grant, include the dates the grant will expire and what obligations are required of the County after the grant expires.

Position Management Information

Position 1

Position Number (For changes to existing positions)		00009347	
Existing/Proposed Job Start Date		5/1/2017	
Existing/Proposed Job Code		9994	
Existing/Proposed Job Title		PeopleSoft Programmer - TL	
Position Type: Full-Time (FT), Part-Time (PT)		FT	
Time Limited? Yes / No		Yes	
If Time Limited , expected expiration date		Requesting Change from TL to Permanent FTE	
Location Code (four digit number)		1152	
Fund	To:	110	From:
PS/BRASS Sub Department Id	To:	6050000410	From:
Reports To Position Number		7835	
Reports To Job Title		Assoc Div Dir, IT Project Mgmt	
FTE (Example: .50 / .75 / 1.0)	To:	1	From:
Action Type: (New position (N), New TL (TL), Reclassification (R), Transfer (T), FTE Change/Re-Allocation (RA), Abolish (A), Other (O))		R	

Position 2

Position Number (For changes to existing positions)		00009346	
Existing/Proposed Job Start Date		5/1/2017	
Existing/Proposed Job Code		9994	
Existing/Proposed Job Title		Business Analyst - TL	
Position Type: Full-Time (FT), Part-Time (PT)		FT	
Time Limited? Yes / No		YES	
If Time Limited , expected expiration date		Requesting Change from TL to Permanent FTE	
Location Code (four digit number)		1152	
Fund	To:	6050000410	From:
PS/BRASS Sub Department Id	To:		From:
Reports To Position Number		7835	
Reports To Job Title		Assoc Div Dir, IT Project Mgmt	
FTE (Example: .50 / .75 / 1.0)	To:	1	From:
Action Type: (New position (N), New TL (TL), Reclassification (R), Transfer (T), FTE Change/Re-Allocation (RA), Abolish (A), Other (O))		R	

Position 3

Position Number (For changes to existing positions)			
Existing/Proposed Job Start Date			
Existing/Proposed Job Code			
Existing/Proposed Job Title			
Position Type: Full-Time (FT), Part-Time (PT)			
Time Limited? Yes / No			
If Time Limited , expected expiration date			
Location Code (four digit number)			
Fund	To:		From:
PS/BRASS Sub Department Id	To:		From:
Reports To Position Number			
Reports To Job Title			
FTE (Example: .50 / .75 / 1.0)	To:		From:
Action Type: (New position (N), New TL (TL), Reclassification (R), Transfer (T), FTE Change/Re-Allocation (RA), Abolish (A), Other (O))			

Total No. of New FTEs:	0
Total No. of New Time Limted FTEs:	0
Total No. of Transferred FTEs:	0
Total No. of Other Actions:	2

(a) Totals will transfer to the "Adj Request" tab's FTE section.

Council Approval section below to be completed only by Council Staff and to be submitted to HR for final processing.				
Council Approved:	Yes:	No:	Date:	Signature:

15.10

REQUEST FOR BUDGET ADJUSTMENT

Executive Summary

Reference No: 605000IA01		**For Fiscal Year:**	*2017*
Requesting Organization: 60500000 INFORMATION SVCS		**Date of Request:**	22-Mar-17
Budget Adjust Type(s): New Revenue and Expenditure	**One Time Change (Y or N):**		N
	If No, next year's impact:		$185,000
	Net FTE Change:		1.00

Description and Justification:

HB03 DTS Grant Funding to Develop Data API: The Vulnerable Population Steering Committee accepted a proposal made by Salt Lake County and awarded to Salt Lake County $260,000 to use to help meet the Legislative mandate of H.B. 3. The scope of the bill is to have the Agency coordinate with the counties to plan, scope, design, and begin implementation an integrated data system that would coordinate services for vulnerable populations including homeless individuals and families, individuals with mental illness and substance abuse issues, and individuals undergoing rehabilitation through the criminal justice system. Salt Lake County will design and implement a solution that is designed as a template for other counties to adapt. This funding agreement will expire on July 1, 2017 that can be amended if additional funding is allocated by the State Legislature.

Fund Impact

SUMMARY OF FUND IMPACT BY FUND	
FUND:	**110 GENERAL FUND**
Fund Impact (Budgetary)	$0
Fund Impact (Transfers)	$0
TOTAL FUND IMPACT	$0
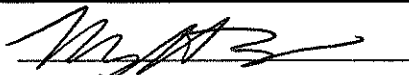
SUMMARY OF CNTY FUNDING IMPACT BY DEPT				
DEPT	**REVENUE**	**EXPENSE**	**BAL SHEET**	**CNTY FUNDING**
6050000410 SOLUTIONS ADMIN	260,000	260,000	0	0
TOTALS	**260,000**	**260,000**	**0**	**0**

Approvals
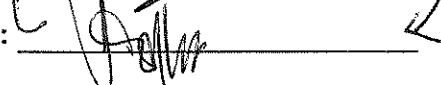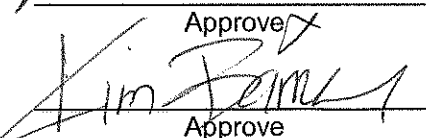
		Date:	
Division Director:		Date:	3.23.17
Dept. or Elected Fiscal Mgr:		Date:	3.23.17
Dept. Dir. or Elected Official:		Date:	3-23.17
Facilities Division Director: *(Capital Projects Only)*		Date:	
Chief Financial Officer:		Date:	3-23-17
	Approve X		
Mayor or Designee:		Date:	3-24-17
	Approve		
Council Action:		Date:	
	Approve		

Budget Adjustment Detail

Budget Year: 2017   ✱ **Requesting Department:** 60500000 INFORMATION SVCS ▾

Budget Period: Pre-June Interim ▾ ✱ **Req Item No:** 160500001A01 ▾ ✱ **Adjustment Title:** HB03 DTS Grant Funding to Develop Data API

Adjustment Type(s): New Revenue and Expenditure ▾ ▾ ▾

Expense Budget String(s):

FUND	AGENCY	SUB-DEPT ID	EXPENSE ACCOUNT	PROG/ACT ID (OPT)	PROJECT ID (CAP)	AMOUNT
110	060	6050000410	601030	AH0B3		130,000
110	060	6050000410	615020	AH0B3		90,000
110	060	6050000410	639045	AH0B3		25,000
110	060	6050000410	611015	AH0B3		15,000

TOTAL EXPENDITURE CHANGE: **$260,000**

Revenue Budget String(s):

FUND	AGENCY	SUB-DEPT ID	REVENUE ACCOUNT	PROG/ACT ID (OPT)	PROJECT ID (CAP)	AMOUNT
110	060	6050000410	411000	AH0B3		260,000

TOTAL REVENUE CHANGE: **$260,000**

Balance Sheet String(s): ☐ Bal sheet strings only required for Proprietary Fund adjustments; check if applicable.

FUND	SUB-DEPT ID	BAL. SHEET ACCOUNT	AMOUNT
		BAL_SHT	
		BAL_SHT	
		BAL_SHT	

TOTAL BALANCE SHEET CHANGE: **$0**

✱ **One Time Change (Y or N):** N   **No. of New FTEs:** 1.00 *(2)*
If No, next year's impact: $185,000   **No. of New Time Limited FTEs:** 0.00 *(2)*
    No. of Transferred FTEs: 0.00 *(2)*
    No. of Other FTEs: 0.00 *(2)*

Fund Balance Transfers:

From Fund	From Dept ID	To Fund	To Dept ID	Amount

Description and justification: (Attach additional pages as needed.)*

The Vulnerable Population Steering Committee accepted a proposal made by Salt Lake County and awarded to Salt Lake County $260,000 to use to help meet the Legislative mandate of H.B. 3. The scope of the bill is to have the Agency coordinate with the counties to plan, scope, design, and begin implementation an integrated data system that would coordinate services for vulnerable populations including homeless individuals and families, individuals with mental illness and substance abuse issues, and individuals undergoing rehabilitation through the criminal justice system. Salt Lake County will design and implement a solution that is designed as a template for other counties to adapt. This funding agreement will expire on July 1, 2017 that can be amended if additional funding is allocated by the State Legislature.

(1) If the request is for a grant, include the dates the grant will expire and what obligations are required of the County after the grant expires.

Position Management Information

INSTRUCTIONS: Complete one section for each position. To facilitate efficient execution of HR actions, please complete ALL fields as requested. TO fields are required for all position actions while FROM fields only need to be entered for position transfers. Print pages for completed sections and attach to the budget adjustment form.

Position 1			
Position Number (For changes to existing positions)			
Existing/Proposed Job Start Date		5/1/2017	
Existing/Proposed Job Code			
Existing/Proposed Job Title		Principal Software Engineer	
Position Type: Full-Time (FT), Part-Time (PT)		FT	
Time Limited? Yes / No		Yes	
If Time Limited , expected expiration date		4/30/2017	
Location Code (four digit number)		1152	
Fund	To:	110	From:
PS/BRASS Sub Department Id	To:	6050000410	From:
Reports To Position Number		3491	
Reports To Job Title		Solutions Manager	
FTE (Example: .50 / .75 / 1.0)	To:	1	From:
Action Type: (New position (N), New TL (TL), Reclassification (R), Transfer (T), FTE Change/Re-Allocation (RA), Abolish (A), Other (O))		N	

Position 2			
Position Number (For changes to existing positions)			
Existing/Proposed Job Start Date			
Existing/Proposed Job Code			
Existing/Proposed Job Title			
Position Type: Full-Time (FT), Part-Time (PT)			
Time Limited? Yes / No			
If Time Limited , expected expiration date			
Location Code (four digit number)			
Fund	To:		From:
PS/BRASS Sub Department Id	To:		From:
Reports To Position Number			
Reports To Job Title			
FTE (Example: .50 / .75 / 1.0)	To:		From:
Action Type: (New position (N), New TL (TL), Reclassification (R), Transfer (T), FTE Change/Re-Allocation (RA), Abolish (A), Other (O))			

Position 3			
Position Number (For changes to existing positions)			
Existing/Proposed Job Start Date			
Existing/Proposed Job Code			
Existing/Proposed Job Title			
Position Type: Full-Time (FT), Part-Time (PT)			
Time Limited? Yes / No			
If Time Limited , expected expiration date			
Location Code (four digit number)			
Fund	To:		From:
PS/BRASS Sub Department Id	To:		From:
Reports To Position Number			
Reports To Job Title			
FTE (Example: .50 / .75 / 1.0)	To:		From:
Action Type: (New position (N), New TL (TL), Reclassification (R), Transfer (T), FTE Change/Re-Allocation (RA), Abolish (A), Other (O))			

Total No. of New FTEs:	1
Total No. of New Time Limted FTEs:	0
Total No. of Transferred FTEs:	0
Total No. of Other Actions:	0

(a) Totals will transfer to the "Adj Request" tab's FTE section.

Council Approval section below to be completed only by Council Staff and to be submitted to HR for final processing

Council Approved:	Yes	No	Date	Signature

Attachment B

Benefit Summary

The State of Utah Department of Technology Services (DTS) has been asked by the legislature to *"coordinate with the Commission on Criminal and Juvenile Justice (CCJJ), the Governor's Office of Management and Budget (GOMB), and counties to provide resources for local government and the state to plan, scope, design and begin implementing an integrated data system that would coordinate services for vulnerable populations including homeless individuals and families, individuals with mental illness and substance abuse issues, and individuals undergoing rehabilitation through the criminal justice system."*

DTS is developing a Hadoop-based data lake solution to aggregate data for this purpose. To assist in this effort, Salt Lake County is proposing to develop a prototype for data sharing between the state and the counties. This work, in collaboration with the DTS, will result in scalable and repeatable models, service definitions, and processes for data sharing and analysis across jurisdictions.

Project Scope

Salt Lake County will work with the State of Utah to develop data services and automated processes to import county-level data into the state data lake and to export aggregated state-level data from the state data lake. Service definitions and data models will be reusable across the state by other counties.

Proposed Solution

Salt Lake County will develop NIEM-conformant SOAP web services (data APIs) to allow secure authorized download of clean and well-documented county data by the state. These service definitions will use standard data models and be reusable for other counties. Extract, Transform, and Load (ETL) tools will be used for batch transfer to and from the Utah data lake. This data API solution will also allow for more real-time access for information portals, notification systems, and other tools to be developed for service coordination.

All artifacts of this development, e.g. WSDLs, documentation, and code, will be made available to the state and to other counties to assist in the integration of data from other counties.

To facilitate efficient and robust development of these services and processes, Salt Lake County will procure integrated data management software to include ETL tools and an Enterprise Service Bus (ESB). Additional labor in the form of the temporary assignment of an FTE and/or consulting will be also required as shown in the Estimated Cost table below.

High-level Architecture

The following diagram illustrates the proposed overall architecture including the separation between state and county systems. Though the data management and analytics needs of the state and the counties may be similar in some cases, they are different in scale and encompass different sets of data. In the proposed structure, state data sharing is just a subset of overall data management and analytics at Salt Lake County and vice versa.

The diagram also illustrates some of the questions that need to be addressed in the state's architecture such as how to provide internal and external access to the data lake, how to ingest data, and how to manage quality, access, etc. Salt Lake County envisions that implementation of this pilot project will help to answer these questions.
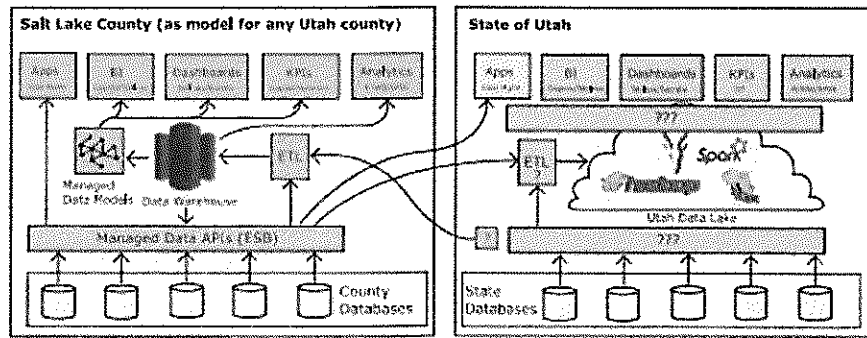
Estimated Cost

	Year 1		Year 2		Year 3	
	Option 1	Option 2	Option 1	Option 2	Option 1	Option 2
Software & Services						
Hosting	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00
Software Licensing	$90,000.00	$90,000.00	$45,000.00	$45,000.00	$22,500.00	$22,500.00
Consulting Services	$25,000.00	$25,000.00	$0.00	$0.00	$0.00	$0.00
Training	$5,000.00	$5,000.00	$0.00	$0.00	$0.00	$0.00
Staff						
1: Contractor/FTE 2: FTE Only	$184,200.00	$130,000.00	$130,000.00	$130,000.00	$130,000.00	$130,000.00
Annual Cost Option	$314,200.00	$260,000.00	$185,000.00	$185,000.00	$162,500.00	$162,500.00
Cumulative Cost Option			$499,200.00	$445,000.00	$661,700.00	$607,500.00