

Agenda
Eau Claire County
Committee on Judiciary and Law Enforcement
Thursday, June 07, 2018 – 4:00 PM
Courthouse – Room 1273

1. Call to Order
2. Public Comment
3. Approve Minutes from May 03, 2018 Meeting – discussion/action Page 2
4. 2018 1st Quarter HR Metrics – information/discussion Page 4
5. TRY Mediation Staffing & 2018 1st Quarter Fiscal Update – Todd Tollefson – discussion Page 13
6. Treatment Court Update – Tiana Glenna – discussion
7. 2018 1st Quarter Fiscal Updates – discussion
 - a. Circuit Court Page 21
 - b. Clerk of Courts Page 22
 - c. Criminal Justice Collaborating Counsel Page 23
 - d. District Attorney Page 25
 - e. Register in Probate/Clerk of Juvenile Court Page 26
8. Sheriff's Department
 - a. 1st Quarter Fiscal Update – discussion Page 28
 - b. 2019 Capital Outlay Requests – discussion/action Page 30
 - i. Jail Radio Project Page 31
 - ii. Fleet Replacement Page 33
 - iii. Handgun Replacement Page 34
 - iv. Jail Mail Screener Page 39
 - v. Rifle Maintenance and Part Replacement Page 47
 - c. Update on Inmate Housing/Jail Population/Costs – discussion
 - d. Staff Recruitment, Retention, & Morale – discussion
9. Set Future Meeting Date(s) – discussion/action
10. Set Future Agenda Item(s) – discussion/action
 - a. Protective Status Legislation – Sheriff's Department
 - b. GPS/Electronic Monitoring
11. Adjourn

Posted: 06/01/18

Copy: Committee Members
Media

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Minutes
Eau Claire County
Committee on Judiciary and Law Enforcement
Thursday, May 03, 2018 – 4:00 PM
Courthouse – Room 1273

Members Present: Sue Miller, Sandra McKinney, Gerald Wilkie, and Stella Pagonis

Members Absent: Brandon Buchanan

Others Present: Lieutenant Dave Riewestahl, Eric Huse

Call to Order

The meeting was called to order by Chairperson pro tempore Sue Miller at 4:00 PM.

Public Comment

Introductions were made. No public comment was made.

Election of Officers

Supervisor McKinney moved to elect Supervisor Miller as Chairperson, seconded by Supervisor Pagonis. Supervisor Miller accepted nomination. Supervisor Wilkie moved to close nominations. Nominations were closed via 4-0 voice vote. Supervisor Sue Miller was elected chair by unanimous consent. Supervisor Pagonis moved to elect Supervisor Wilkie as Vice-Chairperson, seconded by Supervisor McKinney. Supervisor Wilkie accepted nomination. Supervisor Pagonis moved to close nominations and elect Supervisor Wilkie as Vice-Chairperson by unanimous consent. Nominations were closed and Supervisor Wilkie was elected as Vice-Chairperson via 4-0 voice vote.

Appointment of Committee Clerk

Eric Huse was appointed as committee clerk by Chairperson Miller with consent of the committee.

Appointment of Judiciary & Law Enforcement Committee Member to Criminal Justice Collaborating Counsel

Two individuals are willing to serve: Supervisor Pagonis and Vice-Chairperson Wilkie. Chairperson Miller proposed two options to decide appointment: flip of coin or each member serves for one year. Supervisor Pagonis made statement of interest in serving. Discussion regarding appointing both interested members and current structure of counsel. Vice-Chairperson Wilkie made statement of interest in serving. Chair decided, with consent of Supervisor Pagonis and Vice-Chairperson Wilkie, that the appointment will be determined via coin flip. Lt. Riewestahl flipped coin at request of Chairperson Miller. Supervisor Pagonis was appointed as the representative.

Approve Minutes from April 05, 2018 Meeting

Supervisor McKinney moved to approve the minutes from the April 05, 2018 meeting. The minutes were adopted as published in the meeting materials on 4-0 voice vote.

TRY Mediation Update – Todd Tollefson

Mr. Tollefson was unable to attend the meeting. The information to be presented was not going to be ready for this meeting due to staff turnover. This item will be added to the June meeting agenda.

2017 HR Metrics

Discussion regarding information distributed with meeting materials. Additional discussion about concern regarding “Separation after Length of Service” metric.

Treatment Court Update – Tiana Glenna

Ms. Glenna was unable to attend the meeting. This item will be added to the June meeting agenda.

Sheriff's Department

- *Update on Jail Population/Costs*
 - Current number of inmates being housed out of county: 17 inmates
 - April high for out of county housing was 27 inmates
 - 2018 1st Quarter Expenses for out of county housing: \$52,668
 - Current capacity is at 77% Capacity is 88% if all Eau Claire County inmates were being housed in the Eau Claire County Jail
 - Vice-Chairperson Wilkie made comments regarding booking process; specifically individuals who are arrested on Friday and required to sit in jail until court on Monday indicates looking at this further could be beneficial
 - Supervisor Pagonis asks questions about Electronic Monitoring/GPS Monitoring. Requested adding further discussions regarding same to future agenda, Vice-Chairperson Wilkie joined in request
- *Staff Recruitment, Retention, & Morale*
 - Lt. Riewestahl recapped April open house and interview results. Positive outlook.
 - Currently, the jail is down 2 staff members, soon to be 3. Including "floater" position recently added jail staff shortage is 4 individuals.
 - Lt. Riewestahl detailed staff morale. Discussed recent events in the jail that have affected morale.

Set Future Meeting Date(s)

The committee will meet again on Thursday, June 07, 2018 at 4:00 PM.

TRY Mediation, Treatment Court, & Sheriff's Department updates/reports will be on the June meeting agenda. Vice-Chairperson Wilkie requests, and is joined by Supervisor Pagonis and Chairperson Miller, 2018 1st Quarter fiscal update from all departments that report to this committee.

Adjourn

The meeting was adjourned by Chairperson Miller at 5:02 PM

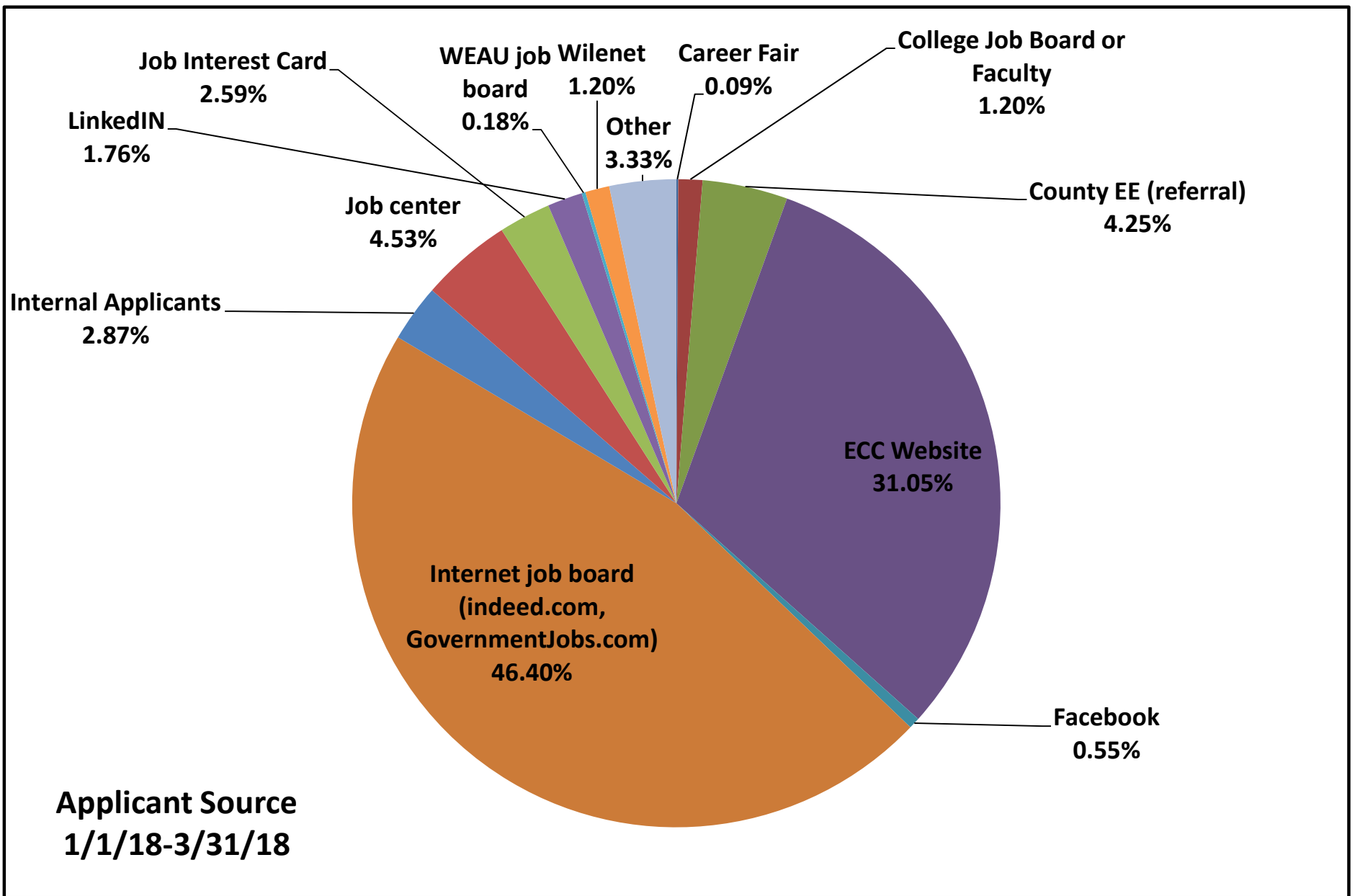
Respectfully Submitted:

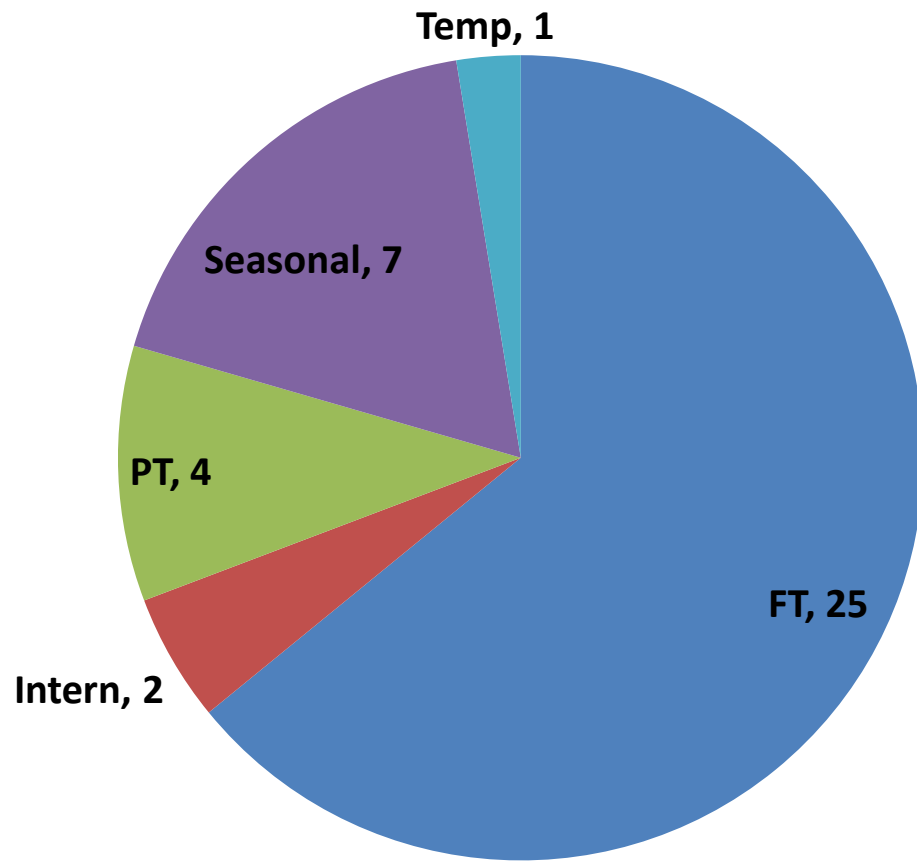
Eric Huse
Committee Clerk

HR Metrics Q1 2018

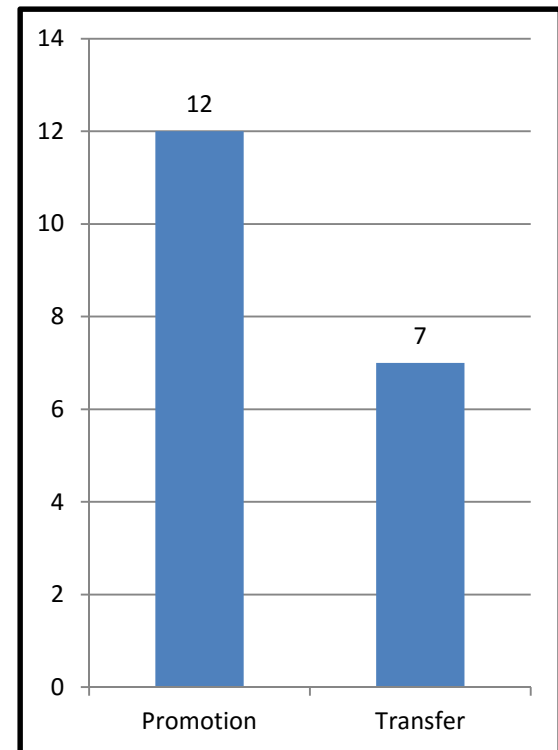
Committee on Human Resources

May 11, 2018

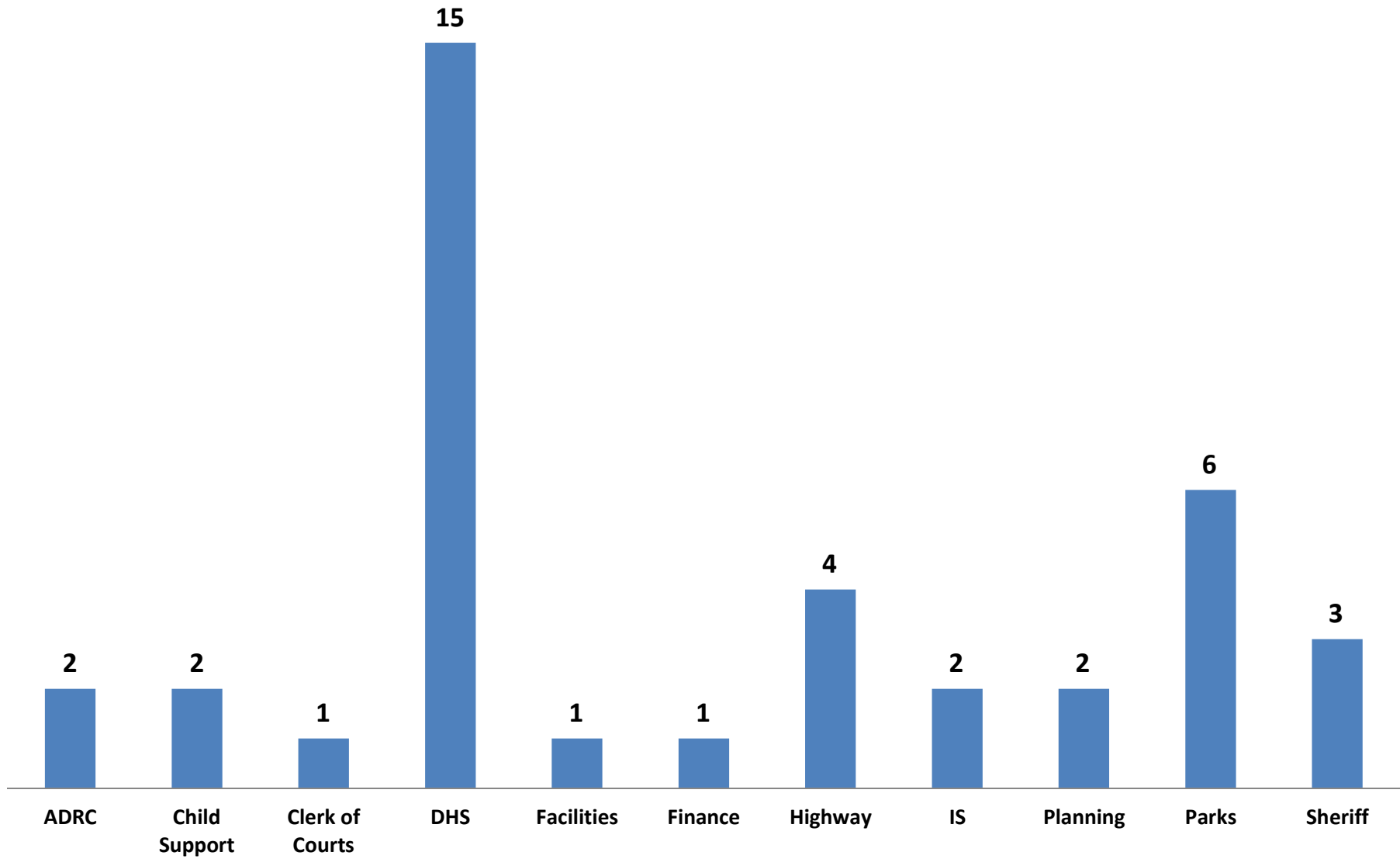




Total Applicants approximately
1456
1/1/18-3/31/18
total jobs= 39

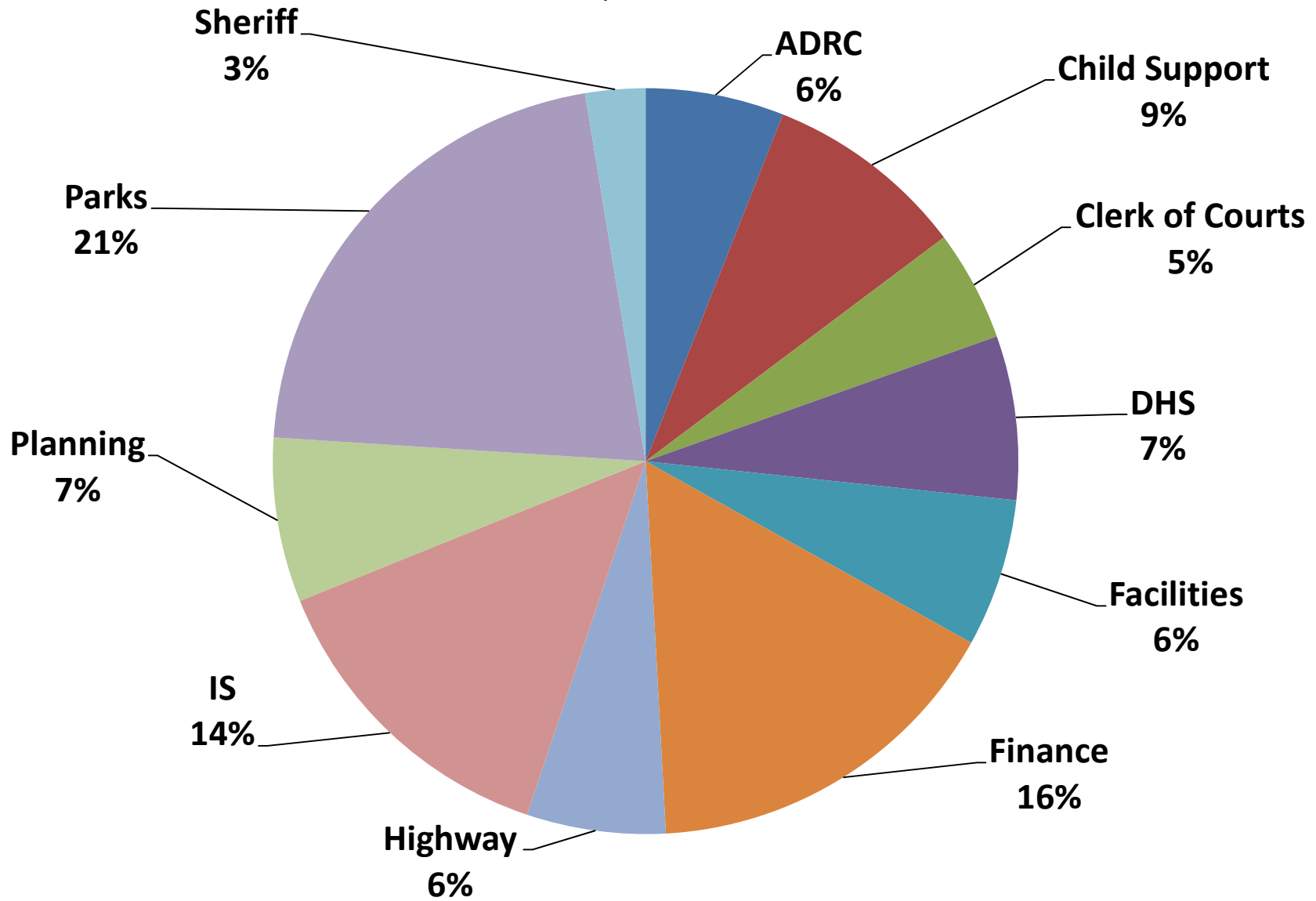


Open Positions by department Q1 2018

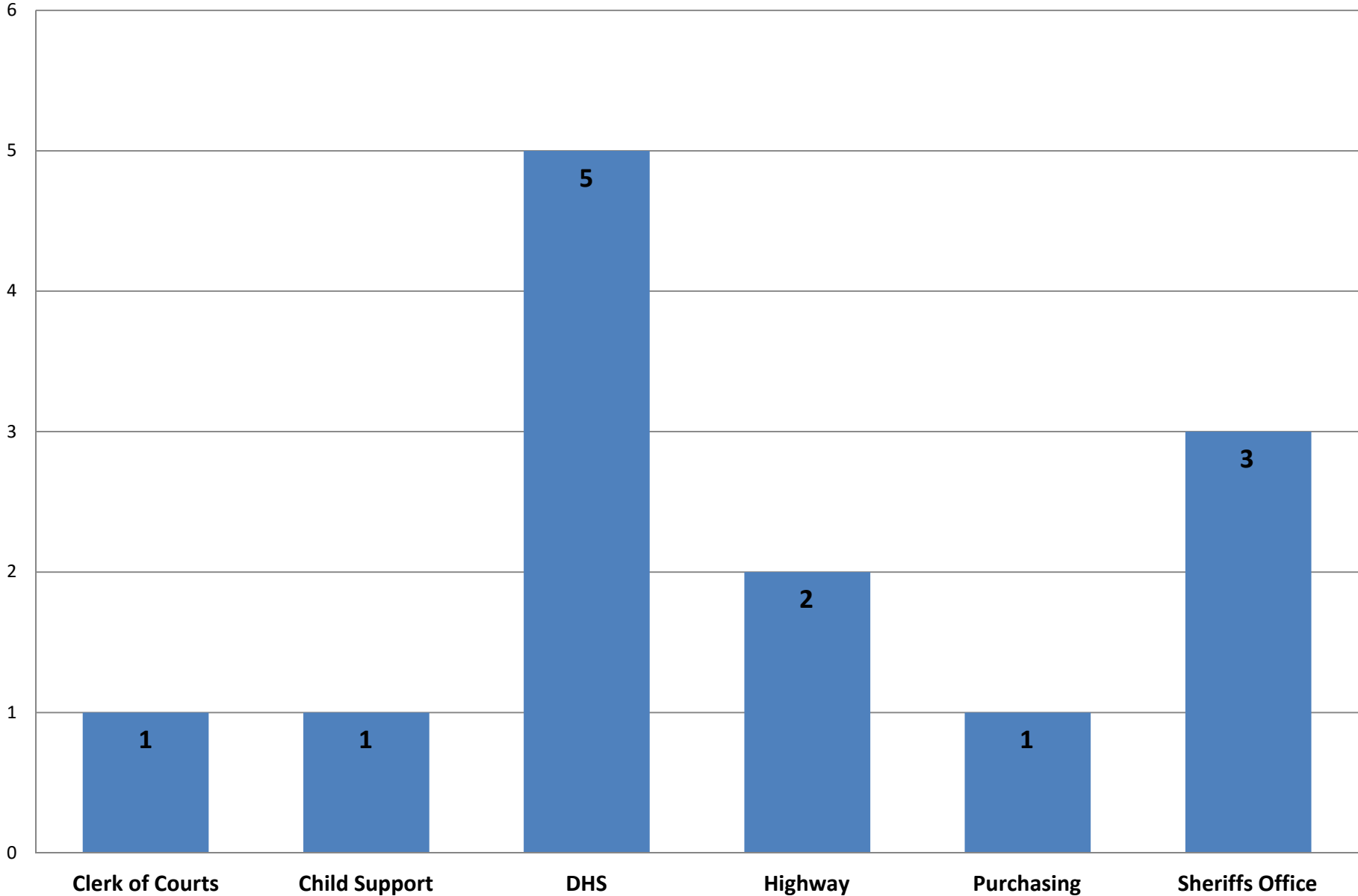


***Alternative View**

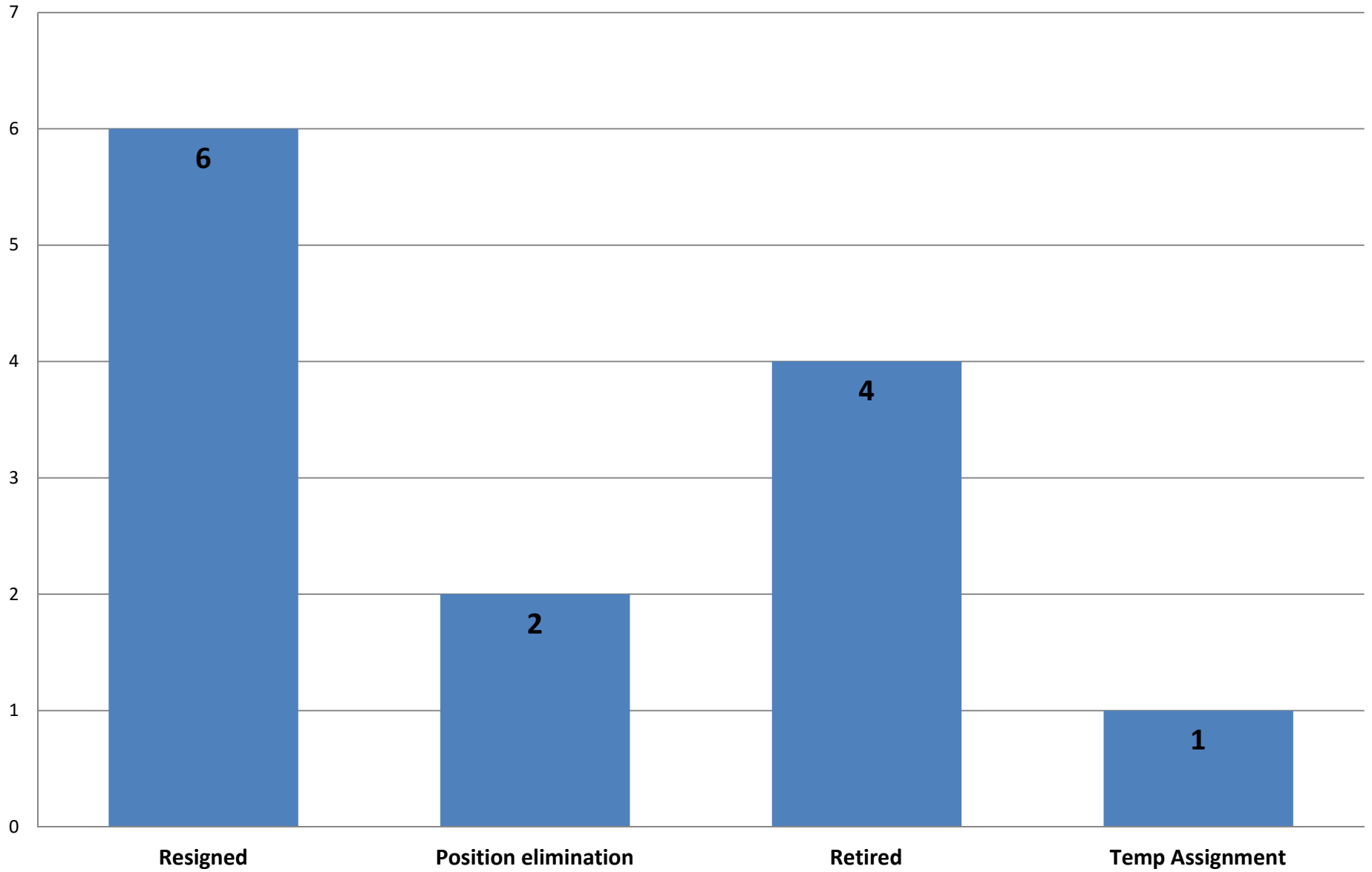
**Open positions by department
Q1 2018**



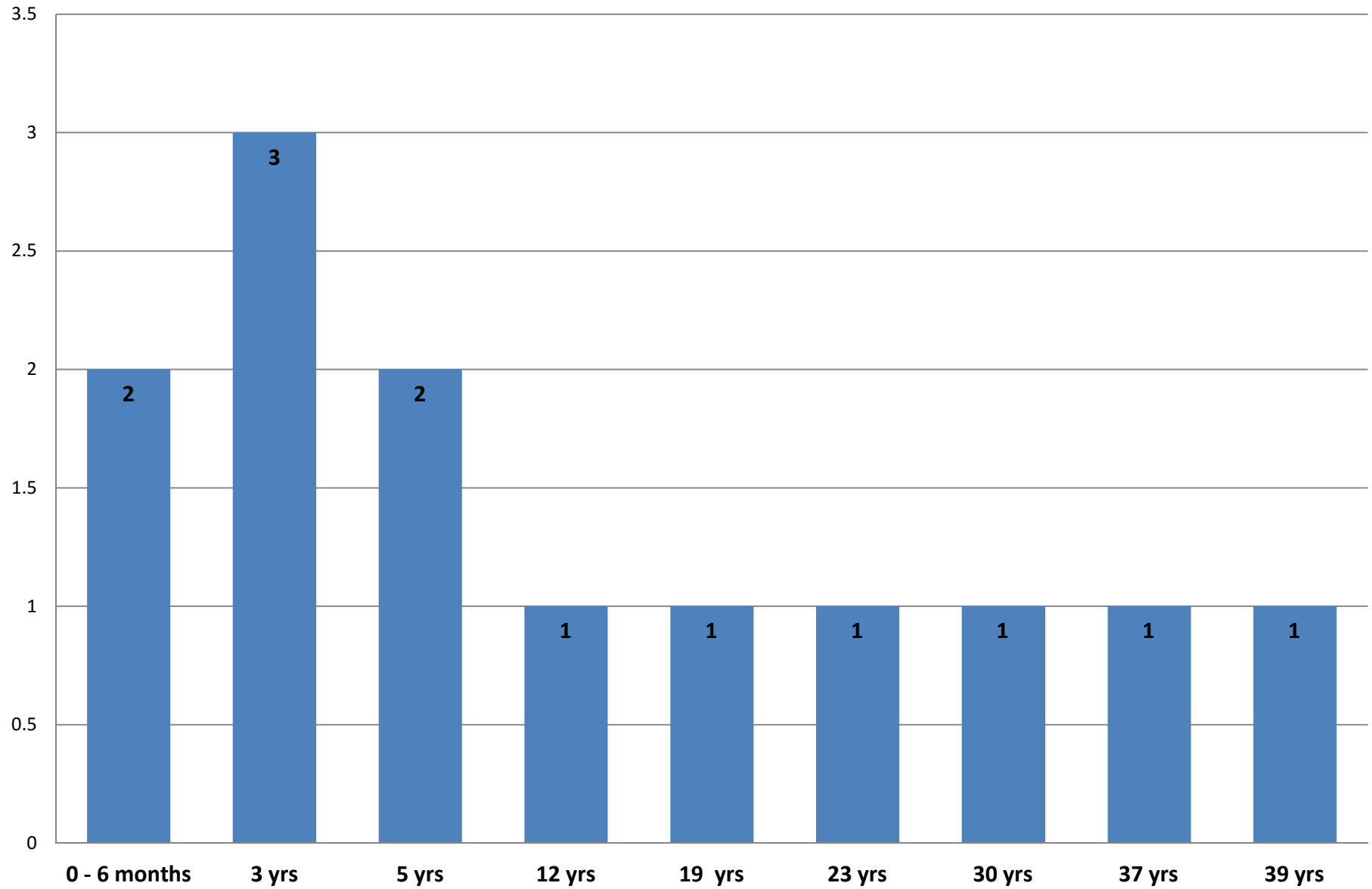
Separation by department Q1 2018



Reason for Separation Q1 2018



Separation by length of service Q1 2018



Discussion/Questions

TRY MEDIATION

EAU CLAIRE COUNTY CASE LOAD REPORT 1ST QUARTER 2018

MEDIATION CASELOAD:	
Eau Claire County:	
Family Cases	59
Small Claims	165
Parent Coordinator	2
Family Assessment	
Financial	
Other/Voluntary	4
Eau Claire County Total:	230

PARENT EDUCATION:	Classes Offered	Attendees
January	2	26
February	2	29
March	2	36
1st Quarter Total	6	91

2018 CASELOAD SUMMARY (CASES OPENED)

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Eau Claire County:					
Family Cases	58				
Small Claims	165				
Parent Coordinator	1				
Family Assessment					
Financial	1				
Other/Voluntary	1				
Eau Claire County Total:	226				226
Other Counties:					
Buffalo County	10				
Chippewa County	34				
Dunn County	23				
Pepin County	3				
Other Counties					
Other Counties Total:	70				70
ALL COUNTIES TOTAL:	296				296

2018 CASES CLOSED

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Eau Claire County:					
Family Cases	59				59
Small Claims	148				148
Parent Coordinator					
Family Assessment					
Financial					
Other/Voluntary	4				4
Eau Claire County Total:	211				211
Other Counties:					
Buffalo County	11				11
Chippewa County	33				33
Dunn County	24				24
Pepin County	4				4
Other Counties					
Other Counties Total:	72				72
ALL COUNTIES TOTAL:	283				283

**OUTCOME SUMMARY
1ST QUARTER 2018
(CASES CLOSED)**

	Agreement	No Agreement	Not Mediated/ No Show	Other	Total
Eau Claire County:					
Family Cases	29	23	7		59
Small Claims	99	53	13		165
Parent Coordinator	2				2
Family Assessment					
Financial					
Other/Voluntary	7	2			9
Eau Claire County Total:	137	78	20		235
Other Counties:					
Buffalo County	7	4			11
Chippewa County	15	11	7	1	34
Dunn County	7	8	7	2	24
Pepin County	3	1			4
Other Counties:					
Other Counties Total:	32	24	14	3	73
ALL COUNTIES TOTAL:	169	102	34	3	308

2018 SMALL CLAIMS

	Cases	Resolved	No Agreement	No Show/Other
January	83	45	30	8
February	40	29	8	3
March	42	25	15	2
1st Quarter Total:	165	75	53	13
April				
May				
June				
2nd Quarter Total:				
July				
August				
September				
3rd Quarter Total:				
October				
November				
December				
4th Quarter Total:				
Year-to-date Total:	165	75	53	13

SMALL CLAIMS 1ST QUARTER COMPARISON

2018	Cases	Resolved	No Agreement	No Show/Other
January	83	45	30	8
February	40	29	8	3
March	42	25	15	2
1st Quarter Total:	165	75	53	13
2017				
January	60	34	21	5
February	42	24	14	4
March	27	15	9	3
1st Quarter Toatals:	129	73	44	12

2018 PARENTING CLASSES

	Classes Offered	Attendees	2017 Comparison
January	2	26	34
February	2	29	37
March	2	36	29
1st Quarter Total:	6	91	100
April			
May			
June			
2nd Quarter Total:			
July			
August			
September			
3rd Quarter Total:			
October			
November			
December			
4th Quarter Total:			
Year-to-date Total:	6	91	100

2018 INCOME SUMMARY

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Revenue:					
Buffalo	\$750				\$750
Chippewa	\$6,250				\$6,250
Dunn	\$4,250				\$4,250
Eau Claire	\$33,405				\$33,405
Pepin	\$1,050				\$1,050
Total:	\$45,705				\$45,705
Mediation Fees:					
Buffalo	\$875				\$875
Chippewa	\$675				\$675
Dunn	\$1,360				\$1,360
Eau Claire	\$2,015				\$2,015
Pepin	\$250				\$250
Other					
Total:	\$5,175				\$5,175
Parent Education Fees:	\$4,490				\$4,490
Other Income:					
Interest	\$48				\$48
TOTAL INCOME:	\$56,167				\$56,167

Circuit Court

Variable Column Report

Budget to Actuals: Revenue/Expense

<u>Account No/Description</u>	<u>Adjusted Budget</u>	<u>Expenditures</u>	<u>Available</u>	<u>% Used</u>
18-100-02-51210-111-000 CIR COURT / SAL PERM-REGULAR	256,793.00	90,333.67	166,459.33	35.18
18-100-02-51210-120-000 CIR COURT / HEALTH INS INCENTI	1,200.00	-	1,200.00	0
18-100-02-51210-151-000 CIR COURT / SOCIAL SECURITY	20,930.00	6,410.19	14,519.81	30.63
18-100-02-51210-152-000 CIR COURT / RETIREMENT EMPL	18,330.00	6,052.36	12,277.64	33.02
18-100-02-51210-154-000 CIR COURT / HOS & HEALTH INS	83,800.00	36,044.60	47,755.40	43.01
18-100-02-51210-155-000 CIR COURT / LIFE INSURANCE	110.00	38.73	71.27	35.21
18-100-02-51210-192-000 CIR COURT / INTERDEPT WAGE/	(6,800.00)	(1,521.67)	(5,278.33)	22.38
18-100-02-51210-194-000 CIR COURT / INTERDEPT FRINGE	(2,560.00)	(530.05)	(2,029.95)	20.71
1 SALARIES AND BENEFITS	371,803.00	136,827.83	234,975.17	
18-100-02-51210-211-000 CIR COURT / MEDICAL	143,310.00	45,203.75	98,106.25	31.54
18-100-02-51210-219-000 CIR COURT / INTERPRETERS	35,000.00	11,385.27	23,614.73	32.53
18-100-02-51210-222-000 CIR COURT / COURT COMMISSION	10,000.00	4,425.66	5,574.34	44.26
18-100-02-51210-251-000 CIR COURT / TRANSCRIPTION	4,500.00	1,833.50	2,666.50	40.74
2 CONTRACTUAL SERVICES	192,810.00	62,848.18	129,961.82	
18-100-02-51210-225-000 CIR COURT / TELEPHONE & TELEGR	9,000.00	3,041.94	5,958.06	33.8
18-100-02-51210-249-000 CIR COURT / SERVICE ON MACHINES	-	393.00	(393.00)	
18-100-02-51210-310-000 CIR COURT / OFFICE SUPPLIES	14,000.00	1,954.17	12,045.83	13.96
18-100-02-51210-311-000 CIR COURT / POSTAGE & BOX RE	7,000.00	3,403.06	3,596.94	48.62
18-100-02-51210-313-000 CIR COURT / PRINTING & DUP	3,000.00	1,258.56	1,741.44	41.95
18-100-02-51210-323-000 CIR COURT / LAW LIBRARY	38,000.00	11,874.27	26,125.73	31.25
18-100-02-51210-324-000 CIR COURT / MEMBERSHIP DUES	200.00	225.00	(25.00)	112.5
18-100-02-51210-340-000 CIR COURT / TRAVEL-TRAIN & C	2,830.00	47.44	2,782.56	1.68
3 SUPPLIES AND EXPENSES	74,030.00	22,197.44	51,832.56	
18-100-02-51211-412-000 COURT ATTY FEES / CRIMINAL	101,600.00	24,391.35	77,208.65	24.01
18-100-02-51211-415-000 COURT ATTY FEES / CHIPS-PARENT	600.00	2,068.50	(1,468.50)	344.75
18-100-02-51211-417-000 GAL / DIVORCE/PATERNITY	10,000.00	1,372.00	8,628.00	13.72
18-100-02-51211-419-000 GAL / CIVIL RESTRAINING ORDER	300.00	72,590.00	(425.90)	241.97
18-100-02-51211-420-000 GAL / CHIPS-CHILD	90,000.00	17,346.00	72,654.00	19.27
18-100-02-51211-422-000 GAL / GUARDIANSHIPS	25,000.00	11,109.92	13,890.08	44.44
18-100-02-51211-423-000 GAL / WATTS REVIEW	64,000.00	13,202.19	50,797.81	20.63
4 ATTORNEY FEES	291,500.00	142,079.96	221,284.14	
COURTS	930,143.00	363,953.41	638,053.69	

Clerk of Courts

Variable Column Report Budget to Actuals: Revenue/Expense

<u>Account No/Description</u>	<u>Adjusted Budget</u>	<u>Expenditures</u>	<u>Available</u>	<u>% Used</u>
18-100-02-51220-111-000 CLK CTS / SAL PERM-REGULAR	852,165.00	240,212.78	611,952.22	28.19
18-100-02-51220-112-000 CLK CTS / SAL PERM-OVERTIME	100.00	-	100.00	0
18-100-02-51220-120-000 CLK CTS / HEALTH INS INCENTI	4,200.00	1,000.00	3,200.00	23.81
18-100-02-51220-121-000 CLK CTS / TEMP-REGULAR	12,000.00	2,741.86	9,258.14	22.85
18-100-02-51220-151-000 CLK CTS / SOCIAL SECURITY	69,260.00	17,234.82	52,025.18	24.88
18-100-02-51220-152-000 CLK CTS / RETIREENT EMPLR S	60,660.00	16,094.48	44,565.52	26.53
18-100-02-51220-154-000 CLK CTS / HOS & HEALTH INS	304,010.00	115,006.24	189,003.76	37.83
18-100-02-51220-115-000 CLK CTS / LIFE INSURANCE	320.00	68.49	251.51	21.4
1 SALARIES AND BENEFITS	1,302,715.00	392,358.67	910,356.33	
18-100-02-51220-196-000 CLK CTS / JURORS	40,000.00	11,999.39	28,000.61	30
18-100-02-51220-196-001 CLK CTS / JURY MEALS	6,000.00	2,227.11	3,772.89	37.12
18-100-02-51220-196-002 CLK CTS / JURY SUPPLIES	1,000.00	36.11	963.89	3.61
18-100-02-51220-197-000 CLK CTS / WITNESSES	200.00	200.00	-	0
2 CONTRACTUAL SERVICES	47,200.00	14,462.61	32,737.39	
18-100-02-51220-225-000 CLK CTS / TELEPHONE & TELEGRAP	5,000.00	2,007.05	2,992.95	40.14
18-100-02-51220-309-000 CLK CTS / COLLECTIONS EXPENS	1,240.00	318.27	921.73	25.67
18-100-02-51220-310-000 CLK CTS / OFFICE SUPPLIES	10,000.00	3,045.34	6,954.66	30.45
18-100-02-51220-311-000 CLK CTS / POSTAGE & BOX RENT	30,000.00	4,022.76	25,977.24	13.41
18-100-02-51220-313-000 CLK CTS / PRINTING & DUP	12,000.00	2,214.85	9,785.15	18.46
18-100-02-51220-324-000 CLK CTS / MEMBERSHIP DUES	260.00	(50.00)	310.00	-19.23
18-100-02-51220-340-000 CLK CTS / TRAVEL-TRAIN & CON	3,000.00	1,567.82	1,432.18	52.26
3 SUPPLIES AND EXPENSES	61,500.00	13,126.09	48,373.91	
02 COURTS	1,411,415.00	419,947.37	991,467.63	

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For 01/01/18 - 04/30/18

Periods 01 - 04

PY Periods 01 - 04

County of Eau Claire
Variable Column Report
 Budget to Actuals: Revenue/Expense

Page No 1

FJEXS01S

Month End

<u>Account No/Description</u>	<u>Original Budget</u>	<u>Adjusted Budget</u>	<u>Revenue</u>	<u>Expenditure</u>	<u>Encumbered</u>	<u>Available</u>	<u>% Used</u>
05 COUNTY ADMIN							
100 GENERAL FUND							
18-100-05-51350-111-000 CJCC/ SALARY PERM - REGULAR	139,316.27	139,316.27	.00	40,702.60	.00	98,613.67	29.22
18-100-05-51350-151-000 CJCC/ SOCIAL SECURITY	10,933.25	10,933.25	.00	2,920.86	.00	8,012.39	26.72
18-100-05-51350-152-000 CJCC/ RETIREMENT EMPLOYER	8,274.11	8,274.11	.00	2,727.08	.00	5,547.03	32.96
18-100-05-51350-154-000 CJCC/ HEALTH INSURANCE	26,545.55	26,545.55	.00	15,963.20	.00	10,582.35	60.14
18-100-05-51350-155-000 CJCC/ LIFE INSURANCE	126.72	126.72	.00	3.18	.00	123.54	2.51
1 SALARIES AND BENEFITS	185,195.90	185,195.90	.00	62,316.92	.00	122,878.98	151.54
18-100-05-51350-200-001 CJCC/ GED EDUCATION	15,000.00	15,000.00	.00	.00	15,000.00	.00	100.00
18-100-05-51350-225-000 CJCC/ TELEPHONE	500.00	500.00	.00	160.00	.00	340.00	32.00
18-100-05-51360-200-010 COMMUNITY TRANSITION CTR	624,000.00	624,000.00	.00	156,000.00	468,000.00	.00	100.00
2 CONTRACTUAL SERVICES	639,500.00	639,500.00	.00	156,160.00	483,000.00	340.00	232.00
18-100-05-51350-310-000 CJCC/ OFFICE SUPPLIES	400.00	400.00	.00	97.88	.00	302.12	24.47
18-100-05-51350-311-000 CJCC/ POSTAGE	20.00	20.00	.00	.00	.00	20.00	.00
18-100-05-51350-313-000 CJCC/ PRINTING & DUPLICATING	100.00	100.00	.00	27.92	.00	72.08	27.92
18-100-05-51350-330-000 CJCC/ TRAVEL - REGULAR	1,800.00	1,800.00	.00	345.53	.00	1,454.47	19.20
18-100-05-51350-340-000 CJCC/ TRAVEL - TRAINING & C	3,180.00	3,180.00	.00	75.00	.00	3,105.00	2.36
18-100-05-51350-390-000 CJCC/ OTHER SUPPLIES & EXPE	50,092.00	50,092.00	.00	401.60	.00	49,690.40	.80
3 SUPPLIES AND EXPENSES	55,592.00	55,592.00	.00	947.93	.00	54,644.07	74.75
05 COUNTY ADMIN	880,287.90	880,287.90	.00	219,424.85	483,000.00	177,863.05	458.28

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For 01/01/18 - 04/30/18

Periods 01 - 04

PY Periods 01 - 04

County of Eau Claire
Variable Column Report
Budget to Actuals: Revenue/Expense

Page No 1

FJEXS01S

Month End

	<u>Original Budget</u>	<u>Adjusted Budget</u>	<u>Revenue</u>	<u>Expenditure</u>	<u>Encumbered</u>	<u>Available</u>	<u>% Used</u>
05 COUNTY ADMIN							
100 GENERAL FUND							
1 SALARIES AND BENEFITS	185,195.90	185,195.90	.00	62,316.92	.00	122,878.98	151.54
2 CONTRACTUAL SERVICES	639,500.00	639,500.00	.00	156,160.00	483,000.00	340.00	232.00
3 SUPPLIES AND EXPENSES	55,592.00	55,592.00	.00	947.93	.00	54,644.07	74.75
05 COUNTY ADMIN	880,287.90	880,287.90	.00	219,424.85	483,000.00	177,863.05	458.28

Run Date 05/31/18 03:49 PM

County of Eau Claire

Page No 1

For 01/01/18 - 03/31/18

Variable Column Report

FJEXS01S

Periods 01 - 03

Budget to Actuals: Revenue/Expense

Month End

PY Periods 01 - 03

	<u>Original Budget</u>	<u>Adjusted Budget</u>	<u>Revenue</u>	<u>Expenditure</u>	<u>Encumbered</u>	<u>Available</u>	<u>% Used</u>
12 DISTRICT ATTORNEY							
100 GENERAL FUND							
0 REVENUE	1,078,871.00	1,078,871.00	192,891.07	.00	.00	885,979.93	143.97
1 SALARIES AND BENEFITS	907,784.84	907,784.84	.00	205,759.38	.00	702,025.46	478.90
2 CONTRACTUAL SERVICES	115,140.00	115,140.00	.00	25,826.48	.00	89,313.52	162.05
3 SUPPLIES AND EXPENSES	54,310.00	54,310.00	.00	8,572.45	.00	45,737.55	389.10
7 GRANTS, CONTRIBUTIONS, OTHER	.00	.00	.00	17,193.00	.00	-17,193.00	
8 OTHER	1,636.00	1,636.00	.00	142.82	.00	1,493.18	11.90
12 DISTRICT ATTORNEY	2,157,741.84	2,157,741.84	192,891.07	257,494.13	.00	1,707,356.64	1,185.91

Register in Probate/Clerk of Juvenile Court
Summary of Expenditures/Revenue to Date
Jan. - Mar. 2018 **1st quarter**
25% of year

	2018 Budget	2018 Expended	% Spent/ Collected
Expenditures:			
Personnel	\$ 279,626	\$ 65,545	23.4%
Services & Supplies	12,524	1,595	12.7%
Equipment	-	-	
Total Expenditures	\$ 292,150	\$ 67,140	23.0%
Revenues:			
Federal/State Grants	\$ -	\$ -	
Filing fees & court fees	\$ 40,000.00	\$ 6,500.16	16.3%
Miscellaneous	-	-	
Fund Balance Applied	-	-	
Property Tax Levy	\$ 252,150.00	\$ 60,639.84	
Total Revenues	\$ 292,150	\$ 67,140	23.0%

Of note:

- 1) \$25,971.28 collected for courts and deposited in the Courts budget
- | | | | |
|--|----|-----------|--------------|
| | \$ | 15,892.64 | GAL fees |
| | \$ | 10,078.64 | Medical fees |
| | \$ | 25,971.28 | Total |

Breakdown of revenue by case type filing fee and court fees(copying, claims filed, forms, etc.) - all state mandated

Probate

filing fees	\$	4,449.76
court fees	\$	784.00

Guardianship

filing fees	\$	394.15
court fees	\$	872.25
	\$	6,500.16

County of Eau Claire
Variable Column Report
 Budget to Actuals: Revenue/Expense

Month End

	<u>Original Budget</u>	<u>Adjusted Budget</u>	<u>Revenue</u>	<u>Expenditure</u>	<u>Encumbered</u>	<u>Available</u>	<u>% Used</u>
03 REGISTER OF PROBATE							
100 GENERAL FUND							
0 REVENUE	292,150.00	292,150.00	67,543.57	.00	.00	224,606.43	36.27
1 SALARIES AND BENEFITS	279,626.15	279,626.15	.00	58,934.67	.00	220,691.48	111.57
2 CONTRACTUAL SERVICES	1,395.00	1,395.00	.00	305.42	.00	1,089.58	21.89
3 SUPPLIES AND EXPENSES	11,129.00	11,129.00	.00	1,289.28	.00	9,839.72	72.01
7 GRANTS, CONTRIBUTIONS, OTHER	.00	.00	.00	6,610.00	.00	-6,610.00	
03 REGISTER OF PROBATE	584,300.15	584,300.15	67,543.57	67,139.37	.00	449,617.21	241.73

Variable Column Report

Column Heading Descriptions:

<u>Column Heading</u>	<u>Description</u>
% Used	Current Year Percentage YTD Adjusted Budget vs YTD Available Balance
YTD Adj Bud	Current Year Adjusted budget Year To Date
YTD Aval Bal	Current Year Available Balance Year To Date Based on ((Budget YTD + Adjust YTD) - Actual YTD - Encumbrance YTD)
YTD Encumbrance	Current Year Encumbrance Year To Date
Cur YR Exp	Current year expenditures if account is not an expenditure account the value will be zero
Orig Budget	Current Year Original Budget Beginning Balance
Cur YR Rev	Current year revenue if account is not a revenue account the value will be zero

County of Eau Claire

For 01/01/18 - 04/30/18

Variable Column Report

FJEXS01S

Periods 01 - 04

Budget to Actuals: Revenue/Expense

Month End

PY Periods 01 - 04

	<u>Original Budget</u>	<u>Adjusted Budget</u>	<u>Revenue</u>	<u>Expenditure</u>	<u>Encumbered</u>	<u>Available</u>	<u>% Used</u>
17 SHERIFF							
100 GENERAL FUND							
0 REVENUE	13,518,493.00	13,518,493.00	4,334,965.72	.00	.00	9,183,527.28	372.29
1 SALARIES AND BENEFITS	9,640,258.00	9,640,258.00	.00	2,904,428.36	.00	6,735,829.64	2,634.87
2 CONTRACTUAL SERVICES	2,459,110.00	2,459,110.00	.00	882,880.98	1,367,279.96	208,949.06	1,248.48
3 SUPPLIES AND EXPENSES	892,360.00	892,360.00	.00	231,043.11	570,672.38	90,644.51	2,400.81
5 FIXED CHARGES	249,440.00	249,440.00	.00	58,342.15	.00	191,097.85	417.55
7 GRANTS, CONTRIBUTIONS, OTHER	4,600.00	4,600.00	.00	157,747.20	.00	-153,147.20	91.51
8 OTHER	89,200.00	89,200.00	.00	20,522.78	20,580.23	48,096.99	637.93
9 OTHER	.00	.00	.00	5,265.74	.00	-5,265.74	
212 ANTI-DRUG GRANT FUND							
0 REVENUE	227,937.00	232,937.00	41,663.22	.00	.00	191,273.78	117.46
1 SALARIES AND BENEFITS	229,328.00	229,328.00	.00	64,082.30	.00	165,245.70	243.09
2 CONTRACTUAL SERVICES	25,440.00	30,440.00	.00	9,066.68	.00	21,373.32	237.44
3 SUPPLIES AND EXPENSES	40,790.00	40,790.00	.00	11,641.07	539.98	28,608.95	341.97
5 FIXED CHARGES	15,900.00	15,900.00	.00	11,003.61	.00	4,896.39	258.86
8 OTHER	100,000.00	100,000.00	.00	22,273.48	.00	77,726.52	92.48
405 OTHER CAPTIAL PROJECTS							
8 OTHER	.00	142,300.00	.00	57,492.00	28,746.00	56,062.00	60.60
17 SHERIFF	27,492,856.00	27,645,156.00	4,376,628.94	4,435,789.46	1,987,818.55	16,844,919.05	9,155.32

Variable Column Report

Column Heading Descriptions:

<u>Column Heading</u>	<u>Description</u>
% Used	Current Year Percentage YTD Adjusted Budget vs YTD Available Balance
YTD Adj Bud	Current Year Adjusted budget Year To Date
YTD Aval Bal	Current Year Available Balance Year To Date Based on ((Budget YTD + Adjust YTD) - Actual YTD - Encumberance YTD)
YTD Encumbrance	Current Year Encumbrance Year To Date
Cur YR Exp	Current year expenditures if account is not an expenditure account the value will be zero
Orig Budget	Current Year Original Budget Beginning Balance
Cur YR Rev	Current year revenue if account is not a revenue account the value will be zero

SUMMARY OF CAPITAL OUTLAY REQUESTS
2019

<u>PRIORITY</u>	<u>PROJECT TITLE</u>	<u>ORIGINAL REQUEST</u>	<u>JUD & LAW APPROVAL</u>	<u>COUNTY ADMIN</u>	<u>FINANCE APPROVAL</u>	<u>COUNTY BOARD 2018 APPROVED</u>
1	Jail Radio Project	\$15,495				
2	Fleet Replacement	\$141,286				
3	Handgun Replacement	\$9,375				
4	Jail Mail Screener	\$156,445				
5	Rifle Maintenance & Parts Replacement	\$30,800				
	TOTAL	\$353,401	\$0	\$0	\$0	\$0
***	Evidence/Vehicle Storage	\$100,000				
***	Mobile Command Vehicle	\$150,000	(possibly in conjunction with Emergency Management)			

***To be requested in future

5/4/2018

Eau Claire County Capital Improvement Project

PROJECT:	Jail Radio Project	DEPARTMENT:	Sheriff's Office	MANAGER:	Ron Cramer
PROJECT DESCRIPTION:	Our jail radio system is experiencing communication deficiencies and we are asking for funding of \$15,495.23 to correct the issues.				
ANALYSIS OF NEED:	Our jail staff in the huber center is having transmit and receive issues inside of the huber center. Additionally, staff is not able to consistently communicate with the secure jail or the secure jail to huber. The radio issue is creating safety and security concerns and operational deficiencies for our correctional staff. When back us is needed it creates delays while staff has to make a phone call or when the staff member working in huber has to exit a cell block and yell down the hall to the huber desk for assistance for example. Racom Communication has reviewed the radio issue and after review submitted a proposal that will provide updated equipment to include a larger radio repeater, new cabling to the huber center, and fixing connection issues. The updates will also support radio communications if future expansion of our jail facility is needed.				
LOCATION:	Eau Claire County Jail	CHECK ONLY ONE		CHECK ONLY ONE	
		<input checked="" type="checkbox"/>	Mandatory in year proposed	<input type="checkbox"/>	Maintenance
		<input type="checkbox"/>	Mandatory within 5 years	<input type="checkbox"/>	New Facility or Service
		<input type="checkbox"/>	Optional - Saves Money	<input type="checkbox"/>	Replacement
		<input type="checkbox"/>	Optional - Improves service level	<input type="checkbox"/>	
<input type="checkbox"/>	Optional - Reduces overall risk	<input type="checkbox"/>			
ALTERNATIVES CONSIDERED:	We feel the project for safety and security reasons needs to be completed and there are no alternatives.				
ONGOING OPERATION EXPENSES:	None				
PREVIOUS ACTIONS:	Racome reviewed the system and suggest the solution that is being proposed.				

DESCRIPTION OF EXPENSE:	AMOUNT	REVENUE - LIST EACH FUNDING SOURCE	AMOUNT
Add corrective equipment to fix radio issues in the Eau Claire CO Jail	\$15,495	None	
TOTAL COST	\$15,495	TOTAL REVENUE	\$0

CAPITAL BUDGET SUMMARY												
	PRIOR YEARS	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
EXPENDITURE BUDGET		\$15,495										\$15,495
REVENUE BUDGET												\$0
NET COUNTY COST / YEAR	\$0	\$15,495	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,495



Captain Dan Bresina
Eau Claire County Sheriff's Office
710 Second Avenue
Eau Claire, WI 54703

Phone 715-839-6248
Fax 715-839-4854
e-mail dan.bresina@co.eau-claire.wi.us

**Eau Claire County
Sheriff's Office**

Memo

To: Judiciary and Law
From: Captain Dan Bresina
CC: Sheriff Cramer
Date: 6/1/2018
Re: Capital Request

Our jail radio system is experiencing communication deficiencies and we are asking for funding mid-year of \$14,502.03 to correct the issues. We are hopeful to correct the issue now vs. wait until our 2019 budget requests.

Issue - Our jail staff in the huber center is having transmit and receive issues inside of the huber center. Additionally, staff is not able to consistently communicate with the secure jail or the secure jail to huber. The radio issue is creating safety and security concerns and operational deficiencies for our correctional staff. When back us is needed it creates delays while staff has to make a phone call or when the staff member working in huber has to exit a cell block and yell down the hall to the huber desk for assistance for example.

Solution – Racom Communication has reviewed the radio issue and after review submitted a proposal that will provide updated equipment to include a larger radio repeater, new cabling to the huber center, and fixing connection issues. The updates will also support radio communications if future expansion of our jail facility is needed.

We would like to move forward with this project as soon as approval is obtained for funding. Thank you for your time and consideration of this request.

Eau Claire County Capital Improvement Project

PROJECT:	Fleet Replacement	DEPARTMENT:	Eau Claire Co Sheriff's	MANAGER:	Sheriff Ron D. Cramer
PROJECT DESCRIPTION:	The sheriff's office replaces the fleet on a static basis to smooth out the annual capital replacement cost, however balances the need to maintain a highly functional fleet with fiscal responsibly in mind. The fleet replacement procedure includes acquisition utilizing state contracts which allows for substantial price reductions to purchase at low bid from dealers around the State, utilizing state bid pricing for maintenance, and looking at best practices to maintain a safe fleet yet receive a good return at time of disposal.				
ANALYSIS OF NEED:	The sheriff's office has a need to maintain a highly functional fleet as we utilize our fleet daily to respond to emergency situation in a variety of weather conditions. The sheriff's office has extensively reviewed the replacement of vehicles and has a current approved procedure for replacement cycle. The replacement for patrol, transport, and civil process vehicles is every 4-5 years or when the vehicle is estimated to obtain 100,000 miles when due for replacement. The replacement for jail, detective, and administration vehicles will be every 7-8 years as the vehicles still retainsome auction value. (The capital cost is amortized prior to disposal of the vehicle) Part of the analysis included reviews of fleet replacement studies related to service vehicles such as police services. The studies showed items such as each hour of idol time equals 37 miles driven, additional equipment in police vehicles puts additional strain on the vehicle, driving extremes and weather extremes all reduce the longevity of police vehicles. We combined the results of the studies with our experiences and found the above replacement cycle produces a vehicle that is purchases at a good value, is kept maintained appropriately, and has reached it's useful life yet we are able to receive a good price at disposal.				
LOCATION:	Eau Claire County Sheriff's Office Field and Security Services	CHECK ONLY ONE		CHECK ONLY ONE	
		<input checked="" type="checkbox"/>	Mandatory in year proposed	<input type="checkbox"/>	Maintenance
		<input type="checkbox"/>	Mandatory within 5 years	<input type="checkbox"/>	New Facility or Service
		<input type="checkbox"/>	Optional - Saves Money	<input checked="" type="checkbox"/>	Replacement
		<input type="checkbox"/>	Optional - Improves service level	<input type="checkbox"/>	
<input type="checkbox"/>	Optional - Reduces overall risk	<input type="checkbox"/>			
ALTERNATIVES CONSIDERED:	The sheriff's office reviewed the potential to lease fleet vehicles. We have found because of the miles driven each year, the specialty equipment change over cost turning the vehicle around in shorter lease terms, and the unavailable police packages for lease vs our current practice of purchasing at a reduced state bid, limited maintenance issue during the life of the vehicle, and obtaining a good disposal price purchasing remains the best practice.				
ONGOING OPERATION EXPENSES:	The fleet is maintained utilizing local authorized dealers while the fleet is under warranty and local repair shops who have provided attractive pricing yet maintaining high quality of services. We utilize State Bid pricing on items such as tire replacement for example allowing the county to purchase at reduced pricing.				
PREVIOUS ACTIONS:	Purchase of four 2018 Ford Interceptor Utility and two Chevrolet Silverado vehicles for a total of \$171,300. Auction revenue not avaiable at time of submission.				

DESCRIPTION OF EXPENSE:	AMOUNT	REVENUE - LIST EACH FUNDING SOURCE	AMOUNT
2019 Chevrolet Traverse	\$28,126	Squad #9 2012 Jeep Liberty	\$3,500
2019 Chevrolet Traverse	\$28,126	Squad #24 2011 Dodge Nitro	\$3,500
2019 Ford Interceptro Utility	\$30,333	Squad #27 2014 Dodge Charger AWD	\$7,500
2019 Ford Interceptro Utility	\$30,333	Squad #32 2014 Chevrolet Tahoe	\$8,500
2019 Chevrolet Silverado	\$30,184	Squad #33 2013 Dodge Charger	\$6,500
2019 Chevrolet Silverado	\$30,184	Squad #38 2013 Chevrolet Tahoe	\$6,500
TOTAL COST	\$177,286	(Must subtract auction sale fees9.5% sale) REVENUE	\$36,000

CAPITAL BUDGET SUMMARY												
	PRIOR YEARS	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
EXPENDITURE BUDGET	\$171,300	\$177,286	\$181,998	\$181,998	\$181,998	\$181,998						\$905,278
REVENUE BUDGET	\$44,000	\$36,000	\$36,000	\$36,000	\$36,000	\$36,000						\$180,000
NET COUNTY COST / YEAR	\$127,300	\$141,286	\$145,998	\$145,998	\$145,998	\$145,998	\$0	\$0	\$0	\$0	\$0	\$1,085,278

Eau Claire County Capital Improvement Project

PROJECT:	Handgun Replacement	DEPARTMENT:	Eau Claire Co Sheriff's	MANAGER:	Sheriff Ron D. Cramer
PROJECT DESCRIPTION:	Replacement of current duty weapons				
ANALYSIS OF NEED:	Please see attached document analysing the need for replacing the weapons for safety and financial reasons.				
LOCATION:	Eau Claire County Sheriff's Office Field and Security Services	CHECK ONLY ONE		CHECK ONLY ONE	
		<input type="checkbox"/>	Mandatory in year proposed	<input type="checkbox"/>	Maintenance
		<input checked="" type="checkbox"/>	Mandatory within 5 years	<input type="checkbox"/>	New Facility or Service
		<input type="checkbox"/>	Optional - Saves Money	<input checked="" type="checkbox"/>	Replacement
		<input type="checkbox"/>	Optional - Improves service level	<input type="checkbox"/>	
<input type="checkbox"/>	Optional - Reduces overall risk	<input type="checkbox"/>			
ALTERNATIVES CONSIDERED:	No alternatives are available other than continued maintenance.				
ONGOING OPERATION EXPENSES:	None				
PREVIOUS ACTIONS:					

DESCRIPTION OF EXPENSE:	AMOUNT	REVENUE - LIST EACH FUNDING SOURCE	AMOUNT
55 G22/23 Gen 4 pistols @\$425 Each	\$23,375	50 Trade in G22/23 pistols @280 each	\$14,000
TOTAL COST		(Must subtract auction sale fees 9.5% sale) REVENUE	

CAPITAL BUDGET SUMMARY												
	PRIOR YEARS	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
EXPENDITURE BUDGET		\$23,375										
REVENUE BUDGET		\$14,000										
NET COUNTY COST / YEAR		\$9,375										

GLOCK FUNCTION & MAINTENANCE **REPORT**

I, Deputy Wickman was asked to prepare a maintenance related functionality report reference to the Eau Claire County Sheriff's Office's currently issued .40 caliber Glock generation IV duty pistols.

The information contained within this report is based on numerous sources including, but not limited to, my tenure as a certified law enforcement officer with the Eau Claire County Sheriff's Office, my tenure as a certified Glock armorer, and lastly my personal and professional experience maintaining, and shooting firearms including the Glock pistol.

The following points reference to our current Glock duty pistols are **VERY** important to consider as they pertain to the daily function of the pistol and/or potential liability if a failure to function were to occur during duty use.

I will begin by stating that the average life of a generation IV .40 caliber Glock pistol, used in a law enforcement (duty) capacity is approximately 5-7 years. At that point some part replacement is recommended to keep the pistol functioning at its factory standard.

This estimated life span depends on numerous factors including individual rounds shot with the pistol, the individual care and maintenance each pistol receives and wear and tear.

As with every type of machine as well as all firearms, Glock pistols do have some parts that will require maintenance, adjustment and/or replacement. Wearable parts are those that by their very nature will not maintain absolute factory specifications forever and will need to be monitored closely for proper function.

INVENTORY SYNOPSIS.

There are an estimated fifty-three (53) Glock generation IV .40 caliber pistols in the Sheriff's Office inventory. Our Glock generation IV .40 caliber pistols have been in the Sheriff' Office inventory for approximately 5+ years. During this time frame I have only been made aware of three issues associated with the performance of the pistols. The first issue is a random failure to eject issue. This could be due to round pressures and springs wearing out or breaking. This was seen in November of 2017.

We have also recently begun to see spring wear or breakage. In March of 2018 one (1) of our issued Glock pistols experienced a broken spring on the slide stop lever. Said breakage caused the pistol to malfunction after nearly every single shot. This part was

replaced to the tune of approximately \$7.00 and the pistol has since been put back into service. I have also seen retaining pins start "walking out" of the guns frame. If they get out too far, parts will shift inside the gun. This will cause a critical malfunction where the gun won't fire and has to be taken apart to fix. Thankfully this malfunction was found during a training exercise and not during an on duty incident.

ROUNDS FIRED SYNOPSIS

The average outdoor monthly patrol shoot consists of a minimum of 15-46 individual rounds fired per gun, per monthly shoot

With the above mentioned facts, each individual deputy, if attending every monthly shoot, would shoot approximately 180-552 rounds per year.

An estimated 180-552 rounds per gun, per year multiplied by the fact that the pistols are five + years old, account for approximately 1080-3312 individual rounds, per pistol, over a six year period.

Keeping the above-mentioned basic numbers in mind, take into account additional trainings that are attended outside of the normal Sheriff's Office monthly patrol shoots. These extra trainings consist of monthly tactical trainings for those deputies assigned to the tactical team, shooting at other police related trainings, in other jurisdictions and the shooting of their duty pistols outside of the work environment for personal and professional development on their own time.

Most monthly tactical trainings outside of the monthly patrol shoots account for an estimated additional 75-100 rounds per gun, per month where an actual "shoot" training occurs. Attending pistol training outside of our jurisdiction can dramatically increase individual rounds fired per gun. Several outside pistol training opportunities typically require a minimum of 200-500 rounds per gun, per training.

PART REPLACEMENT SYNOPSIS

The above-mentioned numbers are very important to consider. Glock recommends that for every 2500-3000 rounds shot through the generation IV .40 caliber pistol, certain internal parts and pieces of the gun be replaced, to assure its reliability and functionality. The following are common internal parts and pieces that require replacement.

SPRINGS

Springs are a very important part of a semi automatic pistol. Springs age or "tire" and can affect the cycle of operation, leading to unsatisfactory performance. Any spring of any pistol can be damaged, worn, weakened or broken by heavy use. The following nine (9) springs in a Glock brand pistol may require attention around the above-

mentioned 5-7 year time frame or 2500-3000 round mark. Recoil Spring Assembly spring, firing pin spring, firing pin safety spring, extractor depressor plunger spring, magazine catch spring, slide lock spring, trigger spring, magazine spring and lastly the slide stop spring.

EXTRACTOR

Extractors commonly wear as they are in contact with every single round fired and extracted and they are a moving metallic part. If this part fails, rounds will not be extracted from the firing chamber.

FIRING PIN & FIRING PIN SAFETY

The firing pin commonly wears as it is in contact with every single round fired and is also a moving metallic part. It is also prone to damage if too much oil is used in the maintenance of the pistol. The firing pin and its associated spring are contained within a very tight channel located in the guns slide. If too much oil is used (which is a common issue) debris begins to collect in the excess oil build up of the channel, which causes further wear. This can result in a failure to fire. It can also interfere with the firing pin safety.

MAGAZINES

The magazines and associated components of the magazines commonly wear. They are frequently dropped on the ground while performing routine tactical reloads. They have internal moving parts, including a metallic spring, which is kept under high pressure on a daily basis, when the magazine is loaded. This spring tires from being compressed all the time and can cause a failure to feed issue.

COST

Using the prices listed in my issued Glock's Armoror's Manual for the above parts, the approximate conservative replacement cost for the above-mentioned items, on our current inventory, would cost approximately \$125.00 or more per gun, not including shipping/handling charges and price increases since the manual was last published.

GENERATION IV GLOCK PISTOL SYNOPSIS

As with any product, improvements have been made to Glock pistols over the years that they have been on the market. Some of the spring designs and materials have apparently been improved to extend the useful life of the pistol, since our original purchase of the Glock pistols. The frame of the generation IV pistol also has interchangeable “back strap” pieces that allow the user to customize the grip, allowing it to fit a wider variety of users hand sizes.

It is cheaper to replace our current handguns by trading them in and then having to pay only a partial cost of a new handgun. While it is true that you could replace parts to give our current gun more longevity, other issues would arise with the frame and/or barrel of the gun. If we had to replace these parts, it would be so costly that it would be cheaper to buy a new gun. Also, if those parts are worn, we would lose the ability to use the current guns as a trade in.

Eau Claire County Capital Improvement Project

PROJECT:	VeroVision Mail Screener	DEPARTMENT:	Sheriff	MANAGER:	Sheriff Ron D. Cramer
PROJECT DESCRIPTION:	With the national opioid epidemic, the risk of drugs entering correctional facilities are at an all-time high. One of the more common ways into the facility is through inmate mail. Not only does continued drug use lead to increased recidivism, but it can endanger your officers, facility staff, and other inmates through drug-fueled inmate violence, overdose risks and possible exposure to harmful substances such as fentanyl.				
ANALYSIS OF NEED:	<p>Jail safety: Helps to keep officers and staff safe from exposure to harmful substances such as fentanyl.</p> <p>Keep drugs out: Scanning mail for illicit drugs and common cutting agents helps to keep drugs from being smuggled to inmates through mail which can help with the success rate for treatment programs and help reduce recidivism.</p> <p>Fits into current operations: The system allows for normal process and operations flow of facility mailroom.</p> <p>Collects valuable data for investigative staff: Data collected from the VeroVision Mail Screener provides valuable information to the investigative team at your facility. Determine who is receiving illegal contraband at your facility and the origin of the shipment.</p> <p>Reduce Cost: Overdoses, lawsuits and healthcare for inmates and staff injured during drug-fueled violence can be expensive. Reduce or eliminate these unnecessary costs by finding the drugs being smuggled through the mail.</p> <p>Objective Detection: Near-infrared (NIR) light used to reveal what cannot be seen with current visual inspection methods.</p> <p>Fast: Detection of illicit drugs and common cutting agents with just a single button click with scans taking less than 10 seconds.</p> <p>Non-Destructive: Scans mail in a non-contact, non-destructive method. Detects drugs through envelopes and paper, mixed with marker, crayon or paint, or even under stamps and stickers.</p> <p>User-Friendly: Presents results in an easy-to-use interface and report generation with imagery for documentation.</p> <p>Adapts to new drugs: The system is flexible to adapt to new drugs by adding recipes to the library.</p>				
LOCATION:	Eau Claire County Sheriff's Office - Jail	CHECK ONLY ONE		CHECK ONLY ONE	
		<input checked="" type="checkbox"/>	Mandatory in year proposed	<input type="checkbox"/>	Maintenance
		<input type="checkbox"/>	Mandatory within 5 years	<input checked="" type="checkbox"/>	New Facility or Service
		<input type="checkbox"/>	Optional - Saves Money	<input type="checkbox"/>	Replacement
		<input type="checkbox"/>	Optional - Improves service level	<input type="checkbox"/>	
<input type="checkbox"/>	Optional - Reduces overall risk	<input type="checkbox"/>			
ALTERNATIVES CONSIDERED:	No - VeroVision Mail Screener is a sole source product, manufactured, sold and distributed exclusively by ChemImage Corporation				
ONGOING OPERATION EXPENSES:	Extended Comprehensive Services Agreement (after the initial 5 years, it would be \$12,000 annually)				
PREVIOUS ACTIONS:					

DESCRIPTION OF EXPENSE:	AMOUNT	REVENUE - LIST EACH FUNDING SOURCE	AMOUNT
VeroVision Mail Screener	\$115,995		
Extended Comprehensive Service Agreement (4 years extended warranty)	\$40,000		
Shipping	\$450		
TOTAL COST	\$156,445	TOTAL REVENUE	\$0

CAPITAL BUDGET SUMMARY												
	PRIOR YEARS	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
EXPENDITURE BUDGET		\$156,445										\$156,445
REVENUE BUDGET												\$0
NET COUNTY COST / YEAR	\$0	\$156,445	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$156,445

GOVERNMENT LEASING COMPANY

MUNICIPAL LEASING - MUNICIPAL RENTAL - FEDERAL FINANCING

830 Tenderfoot Hill Rd Suite 301, Colorado Springs, CO 80906 PH: 800-822-8070 FAX: 719-576-0370 WEB: <http://www.gleasing.com>

MUNICIPAL LEASE PURCHASE RATE QUOTE FOR FINANCING

4/24/2018

ATTN: Mr. Michael Cisar CisarM@Chemimage.com
ChemImage Sensor Systems, LLC
PA

FROM: Tom Wittwer

PH# (412) 241-7335
FAX:

QUOTE: 22917

LESSEE: Eau Claire

STATE: WI

LEASED PROPERTY: Vero Vision Mail Screener

Leased Property Cost	*Maintenance Amount Financed	Other Adjustments to Net Equipment Cost ¹	Total Amount Financed	Total # of Pmts/Pmts per Year	Payment	# Pmts in Adv
\$116,450.00	\$40,000.00	\$0.00	\$156,450.00	5/1	\$34,955.00	1
	\$0.00	\$0.00	\$0.00			
	\$0.00	\$0.00	\$0.00			
	\$0.00	\$0.00	\$0.00			
	\$0.00	\$0.00	\$0.00			

A Municipal Lease Purchase Agreement has standard non-appropriation protections for the Lessee and provides the Lessee with an option to purchase the leased property for \$1.00 after the timely making of all lease payments.

*Maintenance of \$10,000.00/yr paid annually in advance beginning with the second year and annually thereafter upon receipt of the corresponding annual payment

This quotation is valid for fifteen (15) days and is subject to, and contingent upon, approval of the Lessee's financial statements, the timely execution and delivery of transaction documents containing such terms and conditions as shall be determined by Government Leasing Company in its sole discretion. By submitting this quotation, Government Leasing Company is not agreeing to any other terms or conditions, express or implied, including, but not limited to any terms in any bid solicitation and award related to this proposed transaction.

¹ Other Adjustments include any: down payment to vendor, buyout of prior lease, sales taxes and credit for trade-in.



ChemImage Corporation
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 United States

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PROPOSAL

Proposal ID 00000634

Bill To Name Eau Claire County WI Jail

Prepared By Michael Cisar

Contact Name Dan Bresina

Email cisarm@chemimage.com

Bill To 710 2nd Ave
 Eau Claire, WI 54703

Expiration Date 6/23/2018

Phone (715) 839-4702

Email dan.bresina@co.eau-claire.wi.us

Quantity	Product	Line Item Description	List Price	Sales Price	Total Price
1.00	VeroVision Mail Screener	VeroVision™ Mail Screener Detection System <ul style="list-style-type: none"> • SWIR Hyperspectral Unit (SHU) • Mail Screening Lighting Stand for Document Scanning (Reflectance and Transmittance Modes) • Workstation Operator Control Unit with 23" Touch Screen Display • Ethernet and Sensor Head cables • Operator Manual • Limited Warranty • Installation and Training 	\$124,900.00	\$115,994.63	\$115,994.63
4.00	Extended Comprehensive Service Agreement (Single Year)	<ul style="list-style-type: none"> • Single Year • Recipe development support • Library expansion when available • Material & labor covered (includes camera and filters) • One annual preventative agreement 	\$12,900.00	\$10,000.08	\$40,000.32

Subtotal	\$155,994.95
Total Price	\$155,994.95
Shipping and Handling	\$450.00
Grand Total	\$156,444.95

Special Terms

- Description
- Quote includes (1) VeroVision Mail Screener and (4) years extended warranty (for a total of 5 years of extended warranty)
 - Sales tax, if applicable, is not included in this quote
 - Payment: Net 30 days from invoice
 - See additional Terms and Conditions below



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Shipping

Delivery: 90-120 days ARO
Shipping: Prepay and add FOB Shipping Point
Payment: Net 30 days from invoice
See additional Terms and Conditions below

Remittance Address

ChemImage Corporation
7301 Penn Avenue
Pittsburgh, PA 15208

Make checks payable to: ChemImage Corporation
Federal E.I.N. #54-2081245

Customer Service

ChemImage Sensor Systems, LLC. Confidential Quotation
Customer Service or Questions regarding this quotation call: +1 412-241-7335
The release of this information is approved as: EAR99/NLR-No License Required "These commodities, technology or software are controlled by the Export Administration Regulations (EAR). The export or subsequent re-export must be in accordance with United States export laws and regulations. Diversion contrary to United States law is prohibited."

TERMS & CONDITIONS

Terms and Conditions

Shipping: Prepay and add
Payment: Net 30 days from invoice

These Terms and Conditions constitute a material part of the agreement between ChemImage Biothreat LLC, d/b/a ChemImage Sensor Systems (Seller) and Customer. ChemImage objects to, and does not agree to be bound by, any changes to these terms and conditions. These terms and conditions supersede any inconsistent terms and conditions in any documentation submitted by Customer to Seller. ChemImage agrees to sell the Products to Customer provided that (i) the Products are available at the time of the order, (ii) ChemImage accepts the order, and (iii) Customer is in full compliance with the terms and conditions of this Agreement. Customer agrees to purchase the Products for use within the United States.

1. **Prices.** Prices are based on the products and quantity described in the quote. Any changes or deletions to the product, quantity, or specifications may alter the price. Seller reserves the right to alter the product and prices in the quote, subject to Customer's confirmation.
2. **Payment.** Payment Terms. Payment terms are net thirty (30) days from date of invoice ("Due Date"). ChemImage must receive payment at the "Remit To" address listed on the invoice on or before the Due Date to be considered as received on time. Customer shall pay ChemImage a service charge of 1-1/2% per month (18% per year) or the highest amount allowed by law, if lower, on all past due amounts. In the event Customer is delinquent in payment of any amounts to ChemImage, whether or not related to this Agreement, ChemImage may, at its option declare all amounts owed to it under all agreements as due and payable immediately, and terminate this Agreement. 42
3. Seller offers eCommerce solutions giving customers flexible invoice and payment options.



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1. Invoice Options. Customer may choose to receive invoices
 1. Electronically via email
 2. by mail
 3. or by email and mail
2. (b) Payment Options. Payment to ChemImage may be made either electronically (preferred method) or by check. In the event that an electronic payment is made, Customer must include a remittance or invoice number with each transaction.
4. Delivery. Freight terms are FOB Seller's shipping point unless otherwise specified. Notwithstanding anything in the foregoing to the contrary, Seller also charges a shipping charge for any of the Products. Additional charges for emergency or overnight deliveries will be the responsibility of Customer and will be added to the invoice.
 - (a) Damage or Shortage in Shipment. Seller exercises care in packing shipments. To minimize the possibility of error, all orders should be inspected upon receipt. ANY DAMAGE, SHORTAGE OR OVERAGE DUE TO SHIPPING SHOULD BE REPORTED TO SELLER'S CUSTOMER SERVICE DEPARTMENT AT 412.241.7335 or 1-877-241-3550 WITHIN TWO (2) BUSINESS DAYS OF RECEIPT. Seller may reject requests for return authorization received later than two (2) business days from Customer's receipt of the Products. Customer's cooperation in providing this information will enable Seller to expedite the necessary adjustments. Customer agrees to purchase any and all insurance necessary to indemnify it against any loss in shipping. Seller will pre-pay and add shipping charges to the initial invoice. Delivery dates are not guaranteed, but are estimated on the basis of immediate receipt by Seller of all information and approvals to be furnished by Customer and the absence of delays which are excused under Section 8 (Force Majeure). Seller shall endeavor in good faith to meet estimated delivery dates.
5. Limited Warranties. Seller warrants to the Customer that for a period of 1 year from the date of installation, equipment manufactured by us shall be free from defects in materials and workmanship for a period of one (1) year from the date of installation of such equipment. Services performed by Seller in connection with such equipment, such as site training and installation services relating to the equipment, shall be free from defects for a period of one year from the date of shipment. If defects in materials or workmanship are discovered within the applicable warranty period as set forth above, Seller shall, at its sole option a) in the case of equipment, either repair or replace the equipment or b) in the case of defective services, re-perform such services. Seller shall have the option of replacing equipment with substitute products or new or used replacement parts.
 1. Basic Service Agreement provides updates to either repair or replace the equipment or b) in the case of defective services, re-perform such services. Seller shall have the option of replacing equipment with substitute products or new or used replacement parts.
 2. Comprehensive Service Agreement provides updates to either repair or replace the equipment or b) in the case of defective services, re-perform such services. Seller shall have the option of replacing equipment with substitute products or new or used replacement parts. In addition, the comprehensive service agreement provides software enhancement (no hardware changes) and additional of additional libraries (recipes) when available at no charge. During the comprehensive service agreement one preventative maintenance visit is also covered.
 3. If the customer is out of warranty, updates to software and libraries may be purchase for an additional cost. Any requests for service when system is out of warranty will be billed as time and material plus travel.
6. Software Licenses. ChemImage grants Buyer a limited, revocable, non-exclusive right and license for the use of ChemImage VeroVision Mail Screener Software only in the specific configuration provided by ChemImage, and subject to Buyer's acceptance of the ChemImage End User License Agreement upon purchase of the VeroVision Mail Screener. Buyer shall not acquire title to ChemImage VeroVision Mail Screener Software. All updates or upgrades to the software that may be provided later by ChemImage as part of any maintenance, technical support, or other services program for the software shall also be subject to the End User License Agreement, unless a separate software license is provided. Such upgrades may be subject to additional charge.
7. Return Goods Policy. Seller can accept for credit only those Products that (a) do not perform pursuant to Seller's specifications for the Products, (b) may have been damaged during transportation, or (c) Customer may have received in error. Return of the Products must be authorized before any returns will be accepted. In



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cases of Products damaged during shipments, Customer must contact Seller according to the procedures in Section 4(a) of these Terms and Conditions, and must do so within the time period specified. Customer shall contact Seller Customer Service for instructions on the return procedure to be followed.

8. Warranty shall be void due to any of the following: a) If the product has been opened, modified, altered, or repaired, except by Seller or its authorized agents, b) if the product has not been installed or maintained or used in accordance with instructions provided by Seller, c) misuse, abuse, accident, thermal or electrical irregularity, theft, vandalism, fire, water, or other peril, d) damage caused by containment and/or operation outside the environmental specification of the product, e) connection of the product to other systems, equipment, or devices or use with other software (other than software specifically provided by Seller), or f) removal or alteration of identification labels on the product or its parts. EXCEPT AS SET FORTH HEREIN, NO OTHER WARRANTIES OR REMEDIES, WHETHER STATUTORY, WRITTEN, ORAL, EXPRESSED, IMPLIED (INCLUDING, WITHOUT LIMITATION, THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) OR OTHERWISE, SHALL NOT APPLY. IN NO EVENT SHALL SELLER HAVE ANY LIABILITY FOR ANY SPECIAL, EXEMPLARY, PUNITIVE, INDIRECT OR CONSEQUENTIAL LOSSES OR DAMAGES OF ANY NATURE WHATSOEVER, WHETHER AS A RESULT OF BREACH OF CONTRACT, TORT LIABILITY (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE. REPAIR OR REPLACEMENT OF THE EQUIPMENT DURING THE APPLICABLE WARRANTY PERIOD IS YOUR SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY. IN NO EVENT SHALL SELLER OR ITS SUBCONTRACTORS HAVE ANY LIABILITY TO CUSTOMER, WHETHER AS A RESULT OF BREACH OF CONTRACT, TORT LIABILITY (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, AND WHETHER ARISING BEFORE OR AFTER DELIVERY OF THE GOODS AND/OR PERFORMANCE OF THE SERVICES FURNISHED UNDER THE SALES CONTRACT, FOR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY OR PENAL LOSS OR DAMAGE OF ANY NATURE WHATSOEVER, INCLUDING WITHOUT LIMITATION, DAMAGE TO OR LOSS OF USE OF PLANT OR EQUIPMENT, EXPENSES INVOLVING INTEREST CHARGES OR COST OF CAPITAL, LOSS OF PROFITS OR REVENUES, COST OF SUBSTITUTE EQUIPMENT, FACILITIES OR SERVICES, OR CLAIMS OF CUSTOMER. .
9. Termination. Seller may terminate the performance of the work under the agreement in whole at any time, or from time to time in part, by written notice to Customer.
10. Default – Cancellation. Customer may not cancel this order, or any portion thereof, except upon written notice to Seller and upon payment to Seller of the cancellation charges specified below. Customer acknowledges that such charges have been agreed upon, not as a penalty, but as a result of the difficulty of computing actual damages and the inconvenience and non-feasibility of Seller otherwise obtaining an adequate remedy.

Cancellation Notice Received Prior to Scheduled Delivery	Cancellation Charges (Percentage of Sales Price of Goods)
Less than 30 Days	50%
45 Days or More	25%

Customer may not cancel any order, or portion thereof, after shipment, Buyer may not reschedule or change any order, or portion thereof, without Seller's prior written consent.

11. Bankruptcy/Insolvency - In the event of Customer's bankruptcy or insolvency, or in the event any proceeding is brought against Customer, voluntarily or involuntarily, under the bankruptcy or insolvency laws, Seller may cancel any order then outstanding at any time during the period allowed for filing claims against the estate, and shall be paid the cancellation charges specified in Section 6 (Default—Cancellation).
12. Force Majeure. Neither party shall be liable for defaults or delays due to Acts of God or the public enemy, acts or demands of any Government or any Governmental agency, strikes, fires, floods, accidents, or other unforeseeable causes beyond its control and not due to its fault or negligence. Each party shall notify the other in writing of the cause of such delay within five (5) days after the beginning thereof.
13. Indemnification. Customer will defend, hold harmless, and indemnify Seller from and against any liability and expenses (including, without limitation, attorney and other professional fees and disbursements) arising from



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or in connection with any damages, injuries, or third party claims of demands to recover for personal injury, death, or property damage caused by or arising out of any of the goods or services supplied the Seller (regardless of whether such claim or demand arises under tort, negligence, contract, warranty, strict liability or other legal theories), except to the extent such injury, damage, or loss results from Seller's negligent actions.

14. Assignment. Neither this order nor any rights or obligations herein may be assigned by Customer nor may Customer delegate the performance of any of its duties hereunder without Seller's prior written consent.
15. Intellectual Property. Seller warrants that products furnished under the Sales Contract, and any part thereof, shall be delivered free of any rightful claim of any third party for infringement of any United States patent. Customer acknowledges and agrees that all intellectual property rights in the Products and Software and in any Seller technology, intellectual property, and know-how used to make or useful for the manufacture or use of the products will at all times remain vested in the Seller. Customer shall not use Seller's trademark, tradename, or other indication in relation to the Product unless in accordance with Seller's instructions or prior written approval and solely for the purposes expressly specified by Seller in writing. Customer shall not have nor obtain any right, title, or interest in or to any Seller's owned trademarks, tradenames, or other indications. Customer acknowledges all rights, title, and interest of Seller in respect of and to Seller's owned trademarks, tradenames, and other indications.
16. Attorneys' Fees. In the event there is any dispute concerning the terms of this agreement or the performance of any party, and any party retains counsel of the purpose of enforcing any of the provisions of this agreement or asserting the terms of this agreement in defense of any suit filed against said party, each party shall be solely responsible for its own costs and attorneys' fees incurred in connection with the dispute irrespective of whether or not a lawsuit is actually commenced or prosecuted to conclusion.
17. Invoices and Notices. All correspondence covering this quote must be addressed to ChemImage Biothreat LLC, d/b/a ChemImage Sensor Systems, 7301 Penn Ave., Pittsburgh, PA 15208. The parties agree that for any transactions subject to this quote, facsimile signatures shall be accepted as original signatures, orders may be transmitted electronically and any document created pursuant to this order may be maintained in an electronic document storage and retrieval system, a copy of which shall be considered an original. Neither party shall raise any objection to the authenticity of this quote or any document created hereunder, based on the use of a facsimile signature, electronic order or the use of a copy retrieved from an electronic storage system.
18. Severability. In case any one or more provisions contained in this quote shall be invalid, illegal, or unenforceable in any respect, the validity, legality, or enforceability of the remaining provisions contained herein shall not in any way be affected or impaired thereby.
19. Notice. Any notice given under this quote shall be in writing and will be effective: (i) when delivered if delivered in person; or, (ii) three (3) days after deposited in the United States mail to the address provided on the first page of this quote. Email communications are solely for the convenience of the parties and will not constitute valid or effective legal notice for purposes of this quote.
20. Taxes Prices do not include any municipal, provincial, state or federal sales, use, excise, value added or similar taxes. Consequently, in addition to prices specified, the amount of any present or future taxes, duties and/or tariffs that may be imposed shall be paid by Customer, or in lieu thereof, Customer will provide Seller with a tax exemption certificate acceptable to the taxing authorities. International sales are subject to applicable transportation and import duties, licenses, and fees, or as agreed to by the purchase order.
21. Export Laws Customer agrees to comply with all applicable export laws, assurances, codes, and license requirements and controls of the United States and other applicable jurisdictions in connection with the use and resale of products including Customer's acceptance of responsibility for the payment of any relevant taxes or duties, etc.
22. ITAR Compliance. Customer is advised that this purchase order may involve goods or services subject to the International Traffic in Arms Regulations (ITAR) ITAR 22 CFR , Chapter 1, Sub-Chapter M, §120-§130, the Export Administration Regulations, and other applicable U.S. export laws and regulations, as may be amended from time to time. Sale of goods may be subject to licensing requirements by the U.S. Government, and may not be resold, diverted, transferred, or otherwise be disposed of, to any other country or to any person other than the authorized end-user or consignee(s), either in their original form or after being incorporated into other end-items, without first obtaining approval from the U.S. Department of State or use of an applicable exemption. If Customer is a U.S. company that engages in the business of either manufacturing



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or exporting defense articles or furnishing defense services, the Customer hereby certifies that it has registered with the U.S. Department of State, Directorate of Defense Trade Controls and understands its obligations to comply with the International Traffic in Arms Regulations (ITAR) and the Department of Commerce, Export Administration Regulations (EAR). Customer shall indemnify and hold Seller harmless from and against any liability claims, demands or expenses (including attorney's or other professional fees) arising from or relating to Customer's non-compliance with U.S. export laws.

- 23. Applicable Law This Agreement is governed by the laws of the Commonwealth of Pennsylvania, excluding the United Nations Convention on Contracts for the International Sale of Goods ('CISG') and excluding its conflict of laws rules. Customer submits to the jurisdiction of the state and federal courts located with the County of Allegheny within the Commonwealth of Pennsylvania.
- 24. Entire Agreement; Additional or Different Provisions Rejected; Modifications; Amendment. This quote constitutes the entire agreement between Customer and Supplier, unless superseded by a Distribution Agreement signed by both parties. Any additional or different provisions proposed by Customer are rejected and will not be effective unless agreed to in writing by Seller. The parties may agree to amend provision(s) contained in these Terms and Conditions if such amendment (1) specifically references the provision(s) in these Terms and Conditions to be amended; (2) specifically provides how such provision(s) is amended, and (3) is executed by the President of Seller. Otherwise, this Quote may be amended or renewed only by written agreement of both parties.

Purchase Order must reference Quotation Number

Accepted by:

Name of Facility: _____

ChemImage Corporation

Address: _____

7301 Penn Avenue

Pittsburgh, PA 19208

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Eau Claire County Capital Improvement Project

PROJECT:	Rifle Maintenance and Parts Replacement	DEPARTMENT:	Eau Claire Co Sheriff's	MANAGER:	Sheriff Ron D. Cramer
PROJECT DESCRIPTION:	Maintenance and repair of current patrol, bailiff, and process rifles.				
ANALYSIS OF NEED:	Please see attached document analysing the need for this project.				
LOCATION:	Eau Claire County Sheriff's Office Field and Security Services	CHECK ONLY ONE		CHECK ONLY ONE	
		<input type="checkbox"/>	Mandatory in year proposed	<input type="checkbox"/>	Maintenance
		<input checked="" type="checkbox"/>	Mandatory within 5 years	<input type="checkbox"/>	New Facility or Service
		<input type="checkbox"/>	Optional - Saves Money	<input checked="" type="checkbox"/>	Replacement
		<input type="checkbox"/>	Optional - Improves service level	<input type="checkbox"/>	
<input type="checkbox"/>	Optional - Reduces overall risk	<input type="checkbox"/>			
ALTERNATIVES CONSIDERED:	No alternatives are available other than purchasing new rifles.				
ONGOING OPERATION EXPENSES:	None				
PREVIOUS ACTIONS:					

DESCRIPTION OF EXPENSE:	AMOUNT	REVENUE - LIST EACH FUNDING SOURCE	AMOUNT
40 Bolts @ \$115 each	\$4,600	None	
40 Hammers @ \$30 Each	\$1,200		
40 Upper Receivers @ \$125 Each	\$5,000		
40 Sight replacements @ 200 Each	\$8,000		
40 Barrels @ \$300 Each	\$12,000		
TOTAL COST	\$30,800	(Must subtract auction sale fees 9.5% sale) REVENUE	

CAPITAL BUDGET SUMMARY												
	PRIOR YEARS	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	TOTAL
EXPENDITURE BUDGET		\$30,800										
REVENUE BUDGET												
NET COUNTY COST / YEAR		\$30,800										

M16/AR-15 RIFLE FUNCTION & MAINTENANCE **REPORT**

I, Deputy Wickman, was asked to prepare a maintenance related functionality report reference to the Eau Claire County Sheriff's Office's currently issued .223 caliber Colt M16 and AR-15 type rifles.

The information contained within this report is based on numerous sources including, but not limited to, my tenure as a certified law enforcement officer with the Eau Claire County Sheriff's Office, my tenure as a certified M16/AR-15/M4 rifle armorer, and lastly my personal and professional experience maintaining, and shooting firearms including these types of rifles.

The following points reference to our current Colt duty rifles are **VERY** important to consider as they pertain to the daily function of the rifle and/or potential liability if a failure to function were to occur during duty use.

I will begin by stating that the average life of a Colt M16 rifle, used in a law enforcement (duty) capacity is approximately 7-10 years. At that point some part replacement is recommended to keep the rifle functioning at its factory standard.

This estimated life span depends on numerous factors including individual rounds shot with the rifle, the individual care and maintenance each rifle receives and wear and tear.

As with every type of machine as well as all firearms, rifles do have some parts that will require maintenance, adjustment and/or replacement. Wearable parts are those that by their very nature will not maintain absolute factory specifications forever and will need to be monitored closely for proper function.

INVENTORY SYNOPSIS.

There are an estimated fifty-three (53) M16/AR-15 in the Sheriff's Office inventory. Of those fifty-three rifles, thirty-eight have been acquired through the 10-33 program (military), and the other fifteen rifles are personally owned by the Deputies.

The rifles acquired through the military program were received in 2010. At first, the rifles were issued to SWAT team members, who would also use them for regular duty. The Sheriff allowed non-SWAT team Deputies to purchase their own rifles at that time to be used on duty. Not every Deputy had a rifle to use on duty during that time period. Since that time, the Sheriff has made sure that all Deputies have a rifle to use on duty.

The rifles received from the military program are all from the Viet Nam war era. The manufacture date ranges from 1969 to 1972. It is unknown if the military used the rifles or not. The rifles did come from military storage. As the Department armorer, I cleaned, inspected and put together the rifles after receiving them from the military. I also converted them from fully automatic to semi- automatic for safety and liability reasons.

The military rifles have been in the Sheriff' Office inventory for 8+ years. During this time frame I have been made aware of many issues associated with the performance of the rifles. The first issue is a random failure to eject issue. This is due to round pressures, and recoil buffer springs wearing out. The life expectancy of that spring is about 1000-1500 rounds.

Another common problem is that the gas rings on the rifle wear out between 1000 and 1500 rounds. There are three (3) rings and the cost is about \$3.00 to replace all of them. This is usually done about every year to year and half.

We have also recently begun to see spring wear or breakage in the main workings of the gun. Our range instructors have seen retaining pins "walk out". That is where a pin holding components inside the frame of the gun shifts outward. If it is caught in time, one can shove the pin back in and keep firing. If not caught in time, the rifle has a critical malfunction. That is where you have to tear the gun apart to fix it.

Other issues that have arisen have been with the firing pins, or the bolts inside the rifle. These parts wear and can crack or become deformed. In either case, it will stop the rifle from firing. Life expectancy varies and can be anywhere from 2500 to 10,000 rounds. It can also depend on how the rifle is taken care of, or lack of care.

The bolts house the firing pin which strikes the primer and ignites the round. To replace a bolt currently costs around \$113.00 (Although you can find bolts for about \$50 to \$60. However, they don't have the longevity of the more expensive bolt and would end up costing more in the long run.)

Another problem that has been showing up is that the hammer inside the firearm is starting to go from a crisp sharp edge to a rounded edge. The problem with that is if the hammer gets too rounded on the edge, it will become a fully automatic weapon. Being an armorer, I have seen many rifles close to having the edge of the hammer rounded over too far. Each replacement hammer is around \$30.00.

One issue that we have seen is that the military rifles are all made in the "carry handle configuration". This means that there are no optics (telescopic sights) and only iron sights. To mount an optic on the carry handle means that one has to put it on top of the carry handle. This causes a person to raise their head in order to look through the optic. By doing so, one loses the "cheek weld" to the stock of the rifle which in turn reduces the chance for the best accuracy.

If we would replace the upper receivers on the military rifles and put a "flat top" receiver instead of the carry handle receiver on it, one could mount an optic sight (scope) just like a

standard rifle. It would eliminate the shooter from raising their head from the rifle stock, and therefore increase the shooters accuracy. The cost to do this would be around \$125.00 per rifle.

If the Department did replace the upper receiver with the flat top receiver, one would then have to add the costs of buying a folding rear iron sight. Each sight (good quality and made of metal) would be between \$90 and \$200 per rifle depending on the sight chosen by the Department.

The last major problem that I have seen and researched is that over time the rifle barrels start to wear out due to the high pressures and heat caused from firing the rounds. At first the "throat" of the barrel will start to erode and get larger. Secondly the rifling will erode and wear, and lastly, the muzzle or crown of the muzzle will start to wear out. All of these things cause accuracy of the rifle to be affected. I have found that research says the barrels on these rifles should be changed every 10,000 to 15,000 rounds. The cost to replace a rifle barrel is about \$300.00 per gun.

In law enforcement, if we have to make a precision shot, we have to have a properly functioning weapon. We need to have the bullet go where we are aiming. If the barrel is wearing out, it is impossible to determine where the bullet path might be from the point of aim. This causes a HUGE liability on the Deputy as well as the Department.

Thankfully any malfunctions with the rifles over the last eight+ years were found during training exercises and not during an on duty incident.

ROUNDS FIRED SYNOPSIS

The average outdoor monthly patrol shoot consists of a minimum of 20-30 individual rounds fired per gun, per monthly shoot

With the above mentioned facts, each individual deputy, if attending every monthly shoot, would shoot approximately 240-360 rounds per year.

An estimated 240-360 rounds per gun, per year multiplied by the fact that the rifles are eight years old, account for approximately 1920-2880 individual rounds, per rifle, over a eight year period.

Keeping the above-mentioned basic numbers in mind, take into account additional trainings that are attended outside of the normal Sheriff's Office monthly patrol shoots. These extra trainings consist of monthly tactical trainings for those deputies assigned to the tactical team, shooting at other police related trainings, in other jurisdictions and the shooting of their duty rifles outside of the work environment for personal and professional development on their own time.

Most monthly tactical trainings outside of the monthly patrol shoots account for an estimated additional 75-100 rounds per gun, per month where an actual "shoot" training occurs. Attending rifle training outside of our jurisdiction can dramatically increase individual rounds fired per gun. Several outside rifle training opportunities typically require a minimum of 200-500 rounds per gun, per training.

PART REPLACEMENT SYNOPSIS

The above-mentioned numbers are very important to consider. Rifle armorer courses recommend that for every 1000-2500 rounds shot through the rifle, certain internal parts and pieces of the gun be replaced, to assure its reliability and functionality. The following are common internal parts and pieces that require replacement.

SPRINGS

Springs are a very important part of a semi-automatic rifle. Springs age or "tire" and can affect the cycle of operation, leading to unsatisfactory performance. Any spring of any rifle can be damaged, worn, weakened or broken by heavy use. The following nine (9) springs in a M16/AR-15 rifle may require attention around the above-mentioned 5-7 year time frame or 1000-2500 round mark. Recoil Spring Assembly spring, firing pin spring, firing pin safety spring, extractor depressor plunger spring, magazine catch spring, slide lock spring, trigger spring, magazine spring and lastly the slide stop spring.

EXTRACTOR

Extractors commonly wear as they are in contact with every single round fired and extracted and they are a moving metallic part. If this part fails, rounds will not be extracted from the firing chamber.

FIRING PIN & FIRING PIN SAFETY

The firing pin commonly wears as it is in contact with every single round fired and is also a moving metallic part. It is also prone to damage if too much oil is used in the maintenance of the rifle. The firing pin and its associated spring are contained within a very tight channel located in the guns bolt and bolt carrier. If too much oil is used (which is a common issue) debris begins to collect in the excess oil build up of the channel, which causes further wear. This can result in a failure to fire. It can also interfere with the firing pin safety.

MAGAZINES

The magazines and associated components of the magazines commonly wear. They are frequently dropped on the ground while performing routine tactical reloads. They have internal moving parts, including a metallic spring, which is kept under high pressure on a daily basis, when the magazine is loaded. This spring tires from being compressed all the time and can cause a failure to feed issue. Also, magazines might get bent or broken from hitting the ground.

COST

Using a wholesale parts distributor, the approximate conservative replacement cost for the above-mentioned items, on our current inventory, would cost approximately \$770 per gun to include the Bolt, Hammer, Receiver, Sight changes, and Barrel replacement.

M16/AR-15 RIFLE SYNOPSIS

As with any product, improvements have been made to the rifles over the years that they have been on the market. Some of the spring designs and materials have apparently been improved to extend the useful life of the rifle since we acquired the rifles from the military. These rifles now cost between \$750.00 and \$2,000.00 depending on the brand of rifle and the quality desired if they had to be purchased.

It is cheaper in the long run to replace parts and maintain our rifles. They are designed to be rebuilt, or have parts replaced. Once that is done, the rifles are like factory new again.