



Regular Meeting of the Board of Directors

City of Texarkana, Arkansas

216 Walnut Street

Agenda - Monday, September 20, 2021 - 6:00 PM

Call to Order

Roll Call

Invocation and Pledge of Allegiance given by Mayor Allen Brown

CITIZEN COMMUNICATION

A limit of five (5) minutes per person is allotted for citizens to express their concerns to the Board of Directors, with a maximum of fifty (50) minutes reserved for Citizens Communication. The Board of Directors cannot respond to citizens' concerns during this time.

Be respectful of the Board of Directors, city staff, and the public by refraining from abusive conduct, personal charges, or verbal attacks.

PRESENTATION(S)

1. Street study presentation given by Public Works Director Tyler Richards. (PWD)

CONSENT

2. Approval of the minutes of the rescheduled regular meeting September 7, 2021. (CCD)

REGULAR

3. Adopt a Resolution to renew and extend Texarkana Water Utilities' FY2020-2021 Budget to continue operation until the FY2021-2022 Budget is approved. (TWU) TWU Interim Executive Director Gary Smith and TWU Finance Director Tricia Briggs
4. Adopt a Resolution authorizing the City Manager to enter into a contract with Kesser International to complete the Nix Creek Dredging and Bank Stabilization Project. (PWD) Public Works Director Tyler Richards
5. Adopt an Ordinance waiving competitive bidding requirements and authorizing the purchase of Motorola Flex CAD/RMS and Jail Manager Systems. (CRC) Doug Avery

An emergency clause is requested. An emergency clause requires a separate and distinct vote of the board and is valid only if there is a two-thirds vote of approval by the Board.

CITY MANAGER REPORT

NEXT MEETING DATE: Monday, October 4, 2021

ADJOURN

2021 City Calendar

Gateway Farmer's Market – Every Tuesday, Thursday and Saturday

Tailgates & Tables - Saturday, October 2, 2021

National Night Out - Tuesday, October 5, 2021

Destination Downtown - Friday, October 8, 2021

Universal Vibe - Saturday, October 23, 2021

City Clean-Up Day - Saturday, October 23, 2021



CITY OF TEXARKANA, AR BOARD OF DIRECTORS

AGENDA TITLE:	Street study presentation given by Public Works Director Tyler Richards.
AGENDA DATE:	September 20, 2021
ITEM TYPE:	Ordinance <input type="checkbox"/> Resolution <input type="checkbox"/> Other <input checked="" type="checkbox"/> : Presentation
DEPARTMENT:	Public Works Department
PREPARED BY:	Heather Soyars, City Clerk
REQUEST:	Presentation of the street study
EMERGENCY CLAUSE:	N/A
SUMMARY:	Presentation of the street study
EXPENSE REQUIRED:	N/A
AMOUNT BUDGETED:	N/A
APPROPRIATION REQUIRED:	N/A
RECOMMENDED ACTION:	N/A
EXHIBITS:	



CITY OF TEXARKANA, AR BOARD OF DIRECTORS

AGENDA TITLE:	Approval of the minutes of the rescheduled regular meeting September 7, 2021. (CCD)
AGENDA DATE:	September 20, 2021
ITEM TYPE:	Ordinance <input type="checkbox"/> Resolution <input type="checkbox"/> Other <input checked="" type="checkbox"/> : Minutes
DEPARTMENT:	City Clerk Department
PREPARED BY:	Heather Soyars, City Clerk
REQUEST:	Approval of meeting minutes.
EMERGENCY CLAUSE:	N/A
SUMMARY:	Approval of meeting minutes
EXPENSE REQUIRED:	N/A
AMOUNT BUDGETED:	N/A
APPROPRIATION REQUIRED:	N/A
RECOMMENDED ACTION:	The City Clerk recommends Board approval.
EXHIBITS:	Meeting minutes.



Rescheduled Regular Meeting of the Board of Directors

City of Texarkana, Arkansas
216 Walnut Street

Minutes - Tuesday, September 07, 2021 - 6:00 PM

Mayor Brown called the meeting to order at 6:00 PM.

PRESENT: Mayor Allen Brown, Ward 1 Director Terry Roberts, Ward 2 Director Laney Harris, Assistant Mayor Ward 3 Steven Hollibush, Ward 4 Director Ulysses Brewer, Ward 5 Director Barbara Miner and Ward 6 Director Jeff Hart.

ALSO, PRESENT: City Manager E. Jay Ellington, City Attorney George Matteson, City Clerk Heather Soyars and Deputy City Clerk Jenny Narens.

Invocation and Pledge of Allegiance given by Assistant Mayor Steven Hollibush

CITIZEN COMMUNICATION

1. Assistant Mayor Hollibush presented proclamations to Pastor Larry D. Jordan, and Pastor Leteir Davis for their volunteerism on organizing the Neighborhood Clean Up on Saturday, August 14, 2021.

Bernice Dinkins, 204 Eastside Drive, asked for an update on the Nix Creek clean up and the overgrown lot owned by the railroad.

Director Miner said on Saturday, September 11th, Engineer Josh Moore, Engineer Daniel Thiels, and FF Nathan Reeves would represent TAFD at the Little Rock 9/11 Memorial Stair Climb. This event would be held to honor the public safety officers that lost their lives on 9/11/2001.

3. After a brief discussion per the Rules of Order and Procedure Item 3. REDI update given by President and CEO, Rob Sitterley was moved to Citizen Communication.

Rob Sitterley gave a brief presentation showing the Board of Directors and public the progress REDI had made promoting Texarkana.

PRESENTATION(S)

2. Presentation of the City of Texarkana, Arkansas Employee Service Awards. (CCD)
4. Existing Revenue Report presentation. (FIN) Finance Director TyRhonda Henderson
5. Presentation video of the Planning Commission regarding the City establishing a mixed-use rural zone. (PWD-Planning) City Planner Mary Beck

CONSENT

Director Harris requested item 7. Adopt a Resolution for the Animal Care and Adoption Center dedication plaque (ACAC), to be removed from the Consent agenda for discussion.

Assistant Mayor Hollibush made the motion to adopt the Consent agenda, Seconded by Director Roberts. The motion carried and the following items were approved:

6. Approval of the minutes of the regular meeting August 16, 2021. (CCD)
8. Resolution No. 2021-40 authorized the City Manager to purchase a Crack Seal Machine for the Public Works Department Streets Division. (PWD) Public Works Director Tyler Richards

REGULAR

7. Resolution No. 2021-41 for the Animal Care and Adoption Center dedication plaque. (ACAC)

Director Harris said he removed this item off the Consent agenda because he felt there needed to be recognition for the late Neva McCormick and her family for giving the \$1 million to the Animal Care and Adoption Center.

Motion to adopt the resolution made by Director Hart, Seconded by Director Harris.

Mayor Brown asked if anyone would like to speak for or against this resolution.

No one came forward.

Voting Yea: Mayor Brown, Director Roberts, Director Harris, Assistant Mayor Hollibush, Director Brewer, Director Miner, and Director Hart.

The motion carried 7-0 and the Mayor declared the resolution adopted.

9. Resolution No. 2021-42 certified local government endorsement of XPO Logistics, Inc., to participate in the Tax Back Program. (Admin)

Motion to adopt the resolution made by Director Hart, Seconded by Director Miner.

Mayor Brown asked if anyone would like to speak for or against this resolution.

No one came forward.

Voting Yea: Mayor Brown, Director Roberts, Director Harris, Assistant Mayor Hollibush, Director Brewer, Director Miner, and Director Hart.

The motion carried 7-0 and the Mayor declared the resolution adopted.

10. Resolution No. 2021-43 appointed Clyde "Boots" Thomas to the Miller County Equalization Board. (CCD) City Manager E. Jay Ellington

Motion to adopt the resolution made by Director Hart, Seconded by Assistant Mayor Hollibush.

Mayor Brown asked if anyone would like to speak for or against this resolution.

No one came forward.

Voting Yea: Mayor Brown, Director Roberts, Director Harris, Assistant Mayor Hollibush, Director Brewer, Director Miner, and Director Hart.

The motion carried 7-0 and the Mayor declared the resolution adopted.

11. Ordinance No. 27-2021 established a mixed-use rural zone to continue residential use and add limited commercial options. (PWD-Planning) City Planner Mary Beck

Motion to read the ordinance the first time in abbreviated form made by Director Hart, Seconded by Director Roberts.

Voting Yea: Mayor Brown, Director Roberts, Director Harris, Assistant Mayor Hollibush, Director Brewer, Director Miner, and Director Hart.

The motion carried 7-0 and the ordinance was read the first time in abbreviated form.

Motion to suspend the rules and place the ordinance on its second reading in abbreviated form made by Director Brewer, Seconded by Assistant Mayor Hollibush.

Voting Yea: Mayor Brown, Director Roberts, Director Harris, Assistant Mayor Hollibush, Director Brewer, Director Miner, and Director Hart.

The motion carried 7-0 and the ordinance was read the second time in abbreviated form.

Motion to suspend the rules and place the ordinance on its third and final reading in abbreviated form made by Director Roberts, Seconded by Director Hart.

Voting Yea: Mayor Brown, Director Roberts, Director Harris, Assistant Mayor Hollibush, Director Brewer, Director Miner, and Director Hart.

The motion carried 7-0 and the ordinance was read the third and final time in abbreviated form.

Motion to adopt the ordinance made by Director Hart, Seconded by Assistant Mayor Hollibush.

Mayor Brown asked if anyone would like to speak for or against this ordinance.

No one came forward.

Voting Yea: Mayor Brown, Director Roberts, Director Harris, Assistant Mayor Hollibush, Director Brewer, Director Miner, and Director Hart.

The motion carried 7-0 and the Mayor declared the ordinance adopted.

CITY MANAGER REPORT

City Manager E. Jay Ellington said:

- Three primary areas he would work on for the Board of Directors were communication, community planning, and community maintenance.
- American Rescue Plan Act Funding Workshop was rescheduled to Tuesday, September 28, 2021, at 5:30 PM.
- The street engineering study would be presented by Public Works Director Tyler Richards at the next Board meeting on September 20, 2021. He said there would be specific projects

brought to the Board for the use of the American Rescue Plan Act Funding money after the second workshop.

- Review of the dilapidated structures and trying to do an infill housing project.
- October 5, 2021, was National Night Out and he would send the Board of Directors a list of the neighborhood party locations.
- The new street superintendent was trying to use preventive maintenance instead of the reactive side. The debris on the sidewalk area from the demolition on Broad Street was cleaned up.
- Parks and Recreation request for the A&P Commission would be considerably larger than in the past. He said there were several items Sports Manager Adam Dalby and Public Works Director Tyler Richards were working on, and it would include getting the Rec Center up and operational.
- New City seal in the Board room.
- Solid Waste Community meeting scheduled for the fall regarding the requested rate increase from the haulers.
- Reviewed six lawsuits against the City, and he was hoping to drop those down with the help of City Attorney George Matteson.
- Animal Care and Adoption Center had several turnovers in the past weeks and the City suspended some of the services. The Texas-side would be the back-up for emergency services.
- New Director for the Animal Care and Adoption Center would be released in the next couple of days.
- Develop an evaluation process for the Board and staff on his progress as being City Manager for the last ninety days.

NEXT MEETING DATE: Monday, September 20, 2021

ADJOURN

Motion to adjourn made by Assistant Mayor Hollibush, Seconded by Director Hart.

Voting Yea: Mayor Brown, Director Harris, Assistant Mayor Hollibush, Director Brewer, Director Miner, and Director Hart.

The meeting adjourned at 7:11 PM.

APPROVED this the 20th day of September 2021.

Allen L. Brown, Mayor

Heather Soyars, City Clerk



CITY OF TEXARKANA, AR

BOARD OF DIRECTORS

AGENDA TITLE: Adopt a Resolution to renew and extend Texarkana Water Utilities' FY2020-2021 Budget to continue operation until the FY2021-2022 Budget is approved. (TWU) TWU Interim Executive Director Gary Smith and TWU Finance Director Tricia Briggs

AGENDA DATE: September 20, 2021

ITEM TYPE: Ordinance Resolution Other : _____

DEPARTMENT: Texarkana Water Utilities

PREPARED BY: TWU Finance Director Tricia Briggs

REQUEST: Adoption of previous budget.

EMERGENCY CLAUSE: N/A

SUMMARY: As a result of the 2020 cyberattack on the City and its IT systems, finalization of the FY 2021-2022 Budget has been delayed and will not be approved until after the fiscal year starts. The FY 2020-2021 budget must be reapproved to continue operating. TWU will present the FY 2021-2022 budget to the Board on October 4, 2021 for Board action.

EXPENSE REQUIRED: N/A

AMOUNT BUDGETED: N/A

APPROPRIATION REQUIRED: N/A

RECOMMENDED ACTION: The City Manager and staff recommend Board approval.

EXHIBITS: TWU FY 2020-2021 Budget and Resolution

RESOLUTION NO. _____

WHEREAS, as a result of the 2020 cyberattack on the City and its IT systems, finalization of the FY2021-2022 Texarkana Water Utilities (TWU) budget has been delayed; and

WHEREAS, it is anticipated that the proposed FY2021-2022 budget will be submitted to the Board of Directors for consideration on or about the October 4, 2021, regular meeting of the Board of Directors; and

WHEREAS, to provide for the continued operation of TWU it is necessary to renew and extend the FY2020-2021 budget as the same has been heretofore amended, for the FY2021-2022 budget period, but only until such time as the FY2021-2022 budget is approved by the Board and effective as to TWU; and

WHEREAS, the City Manager and Utility staff recommend approval;

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the City of Texarkana, Arkansas, that the TWU FY2020-2021 budget as originally approved by Resolution 2021-8, and thereafter amended, is hereby renewed, and extended until such time as the TWU FY2021-2022 budget is approved by the Board and effective as to TWU.

PASSED AND APPROVED this 20th day of September, 2020.

Allen L. Brown, Mayor

ATTEST:

Heather Soyars, City Clerk

APPROVED:

George Matteson, City Attorney

RESOLUTION NO. 2021-8

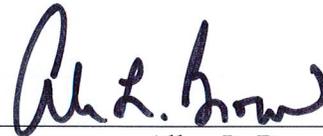
WHEREAS, the FY 2020-2021 Texarkana Water Utilities (TWU) budget has been submitted to the Board of Directors for review; and

WHEREAS, Utility staff recommends approval of the budget as so presented to the Board with the income and expense allocations set forth therein; and

WHEREAS, the City Manager and Utility staff recommend approval;

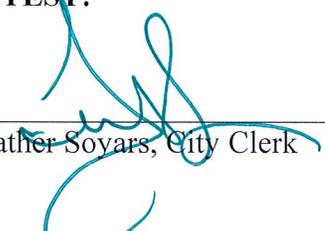
NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the City of Texarkana, Arkansas, that the TWU budget for fiscal year 2020-2021, attached hereto and made a part hereof, is hereby approved.

PASSED AND APPROVED this 1st day of February, 2021.



Allen L. Brown, Mayor

ATTEST:

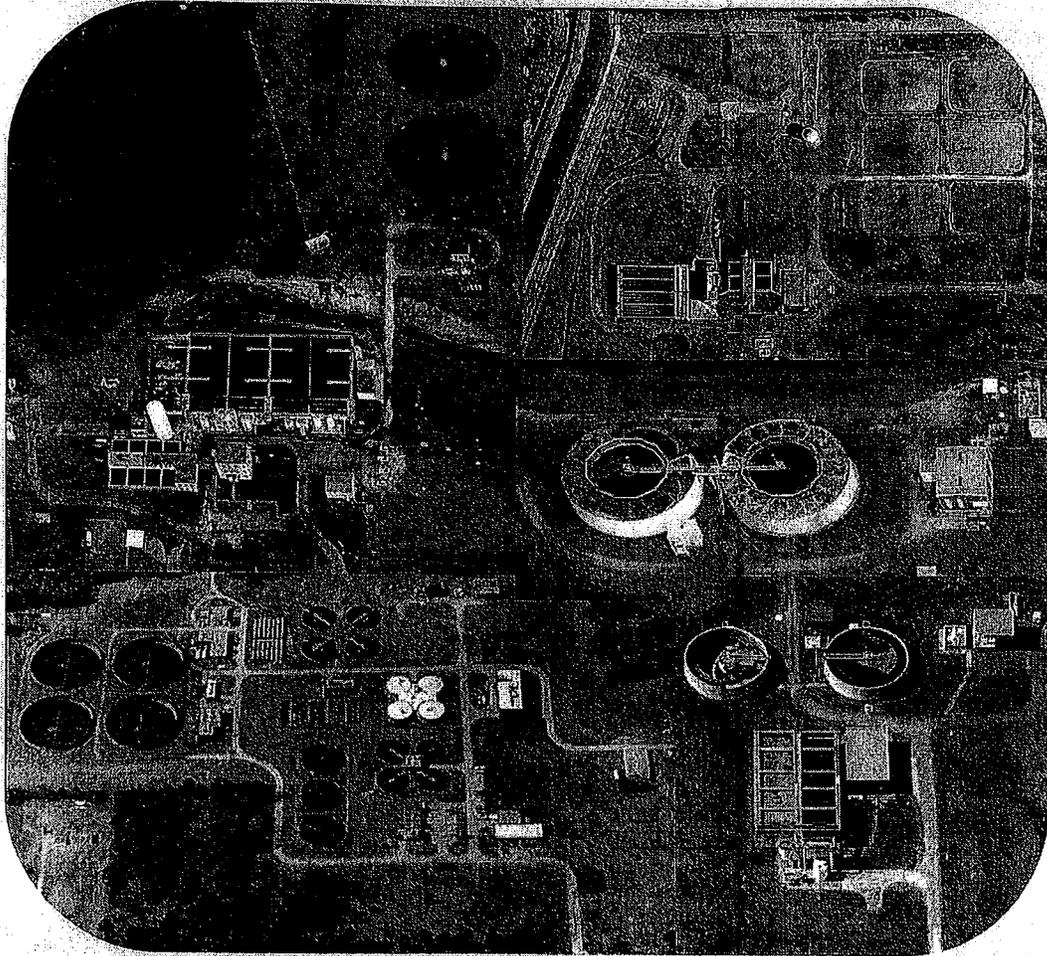


Heather Soyars, City Clerk

APPROVED:



George Matteson, City Attorney



Texarkana Water Utilities

2021 Budget

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Section I

Revenue Funds



TEXARKANA WATER UTILITIES

COMBINED REVENUE FUNDS

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	7,884,498	7,158,996	6,455,004	5,384,489
REVENUE				
Water and Sewer Sales	21,788,757	22,458,696	22,256,524	22,672,038
Water Connection Fees	12,421	14,000	12,610	12,610
Service Charge	986,479	1,017,631	732,172	929,080
Regional Water Treatment Plant Fee	0	2,591,588	2,152,528	2,271,544
Wholesale Water Sales	2,568,106	3,033,381	2,937,737	2,929,072
Wholesale Sewer Charges	565,441	567,200	563,100	563,100
Member Cities	815,059	754,255	814,556	814,808
TOTAL REVENUES	26,736,263	30,436,751	29,469,227	30,192,252
OTHER REVENUES				
Interest Income	108,537	119,525	82,188	80,544
I.P. Service Charge	35,367	40,300	40,300	40,300
I.P. Service Charge (Expan)	18,900	18,900	18,900	18,900
Transfer from Customer Loan Fund	0	0	0	0
Miscellaneous Income	899,515	864,825	918,985	764,030
TOTAL OTHER REVENUES	1,062,319	1,043,550	1,060,373	903,774
TOTAL ALL REVENUES	27,798,582	31,480,301	30,529,600	31,096,026
TOTAL FUNDS AVAILABLE	35,683,080	38,639,297	36,984,604	36,480,515
EXPENDITURES				
Operating	19,849,281	22,130,536	20,476,430	22,242,926
Capital Outlay	0	0	0	0
TOTAL OPERATING	19,849,281	22,130,536	20,476,430	22,242,926
AR Bond Fund 1998	291,801	292,194	290,348	0
AR Bond Fund 1998-B	53,355	53,463	53,313	0
AR Bond Fund 2001	68,029	68,150	67,959	68,155
AR Bond Fund 2004-A	147,609	147,866	147,492	147,916
AR Bond Fund 2004-B	260,550	260,997	260,358	261,107
AR Bond Fund 2007 Refunding	720,359	698,883	664,448	708,247
TX Bond Fund 2013	154,414	158,235	164,415	151,416
TX Bond Fund 2020 Refunding	183,666	184,119	107,563	172,823
TOTAL DEBT SERVICE	1,879,783	1,863,907	1,755,896	1,509,664
Texarkana, TX Gen Fund - I P	18,900	18,900	18,900	18,900
Texarkana, TX Gen Fund	22,500	37,500	37,500	37,500
Millwood Water Rights Fund	541,522	541,522	541,522	541,522
Millwood Depreciation Fund	386,505	486,000	486,000	486,000
North Texarkana Depreciation Fund	19,350	20,000	20,000	20,000
Mandeville Depreciation Fund	5,000	5,000	5,000	5,000

TEXARKANA WATER UTILITIES

COMBINED REVENUE FUNDS

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
Union Depreciation Fund	25,000	25,000	25,000	25,000
Equipment Acquisition Fund	340,381	450,000	450,000	450,000
Technology Fund	389,800	700,000	700,000	570,000
Customer Loan Fund	0	0	0	0
Personnel Policy Fund	120,000	120,000	150,000	230,000
Capital Improvement Fund	1,618,422	1,350,000	1,350,000	1,300,000
Infrastructure Fund	905,347	885,272	888,368	840,348
Compost Fund	100,000	100,000	100,000	0
WP COE Cost Fund	1,648,419	1,578,419	1,578,419	1,578,419
LTWSC Capital Improvement Fund	489,199	458,068	458,068	622,617
Water District Fund	122,010	2,208,300	1,857,022	1,952,235
Wagner Creek Capital Improvement	50,000	100,000	100,000	0
SR WWTP Depreciation Fund	259,955	240,000	240,000	250,000
Transfer to AR Gen Fund (In Lieu of Tax)	144,430	172,420	151,240	161,160
Transfer to AR Gen Fund	139,250	228,000	88,750	30,000
Other/Legal	153,022	121,155	122,000	122,000
TOTAL OTHER EXPENDITURES	7,499,012	9,845,556	9,367,789	9,240,701
TOTAL ALL EXPENDITURES	29,228,076	33,839,999	31,600,115	32,993,291
ENDING BALANCE	6,455,004	4,799,298	5,384,489	3,487,224

TEXARKANA WATER UTILITIES

TEXAS REVENUE COMBINED

Contains Interfund Transfers

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE	4,944,110	4,886,327	4,199,817	3,698,186
REVENUE				
Water and Sewer Sales	13,561,423	13,941,079	13,608,716	13,640,016
Water Connection Fees	7,721	9,600	8,060	8,060
Service Charge	571,003	601,610	472,220	599,220
Regional Water Treatment Plant Fees	0	2,591,588	2,152,528	2,271,544
Wholesale Water Sales	2,507,626	2,974,081	2,880,637	2,871,972
Wholesale Sewer Charges	565,441	567,200	563,100	563,100
Total Sales and Fees	17,213,214	20,685,158	19,685,261	19,953,912
AR Share TX DS Projected	0	0	0	0
Total DS Transfers in	0	0	0	0
Interest Income	85,882	108,900	55,514	54,403
I.P. Service Charge	35,367	40,300	40,300	40,300
I.P. Service Charge (Expan)	18,900	18,900	18,900	18,900
I.P. Water Rights	0	0	0	0
AR Share LT Operations	607,448	612,503	607,073	700,167
UN Share LT Operations	45,792	46,741	45,764	52,782
MN Share LT Operations	11,734	12,242	11,727	13,525
MC Share Wtr Operations (Cash B)	815,059	754,255	814,556	814,808
Transfer from Customer Loan Fund	0	0	0	0
Miscellaneous Income	416,268	407,067	444,302	349,522
Total Other	2,036,450	2,000,908	2,038,136	2,044,407
TOTAL REVENUES	19,249,664	22,686,066	21,723,397	21,998,319
TOTAL FUNDS AVAILABLE	24,193,774	27,572,394	25,923,214	25,696,505
EXPENDITURES				
Total Operating Expenses	13,201,462	14,721,518	13,220,059	14,712,845
Share of North Texarkana Operations	72,076	103,116	102,305	105,146
Share of Millwood Operations	652,576	619,036	820,899	705,454
Total Operating Expenditures	13,926,114	15,443,670	14,143,263	15,523,445
Bond Fund 2004/ 2020 Ref Bond	183,666	184,119	107,563	172,823
Bond Fund 2005	0	0	0	0
Bond Fund 2013	154,414	158,235	164,415	151,416
Bond Fund (Projected)	0	0	0	0

TEXARKANA WATER UTILITIES

TEXAS REVENUE COMBINED

Contains Interfund Transfers

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
Total TX Debt Service	338,080	342,354	271,978	324,239
Share 1998 AR Debt Service	92,190	92,362	91,778	0
Share 1998-B AR Debt Service	16,870	16,900	16,852	0
Share 2007 AR Refunding Bonds	417,044	421,200	400,447	426,304
Total DS Transfers to AR	526,104	530,462	509,077	426,304
Transfer to Gen Fund - I P	18,900	18,900	18,900	18,900
Transfer to Gen Fund	22,500	37,500	37,500	37,500
Millwood Depreciation Fund	330,720	430,830	430,830	430,710
North Texarkana Depreciation Fund	7,150	7,800	7,800	7,800
Equipment Acquisition Fund	213,793	284,490	284,490	357,850
Technology Fund	244,833	442,540	442,540	359,898
Customer Service Loan Fund	0	0	0	0
Personnel Policy Fund	100,000	100,000	130,000	130,000
Capital Improvement Fund	1,290,422	1,200,000	1,200,000	1,050,000
Infrastructure Fund	572,331	622,256	622,256	574,236
Compost Fund	62,810	63,220	63,220	0
WP Corps of Engineers Cost Fund	1,648,419	1,578,419	1,578,419	1,578,419
LT Capital Improvement Fund	307,266	289,590	289,590	378,367
River Bend Water District	122,010	2,208,300	1,857,022	1,952,235
Wagner Creek Capital Improvement	50,000	100,000	100,000	0
SR WWTP Depreciation Fund	94,215	133,487	133,487	157,850
Other/Legal	118,290	104,655	104,655	104,655
Total Other	5,203,659	7,621,987	7,300,709	7,138,420
TOTAL EXPENDITURES	19,993,957	23,938,473	22,225,027	23,412,408
ENDING BALANCE	4,199,817	3,633,921	3,698,186	2,284,098

TEXARKANA WATER UTILITIES

TEXAS REVENUE FUND

Contains Interfund Transfers

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE	4,944,110	4,886,327	4,199,817	3,698,186
REVENUE				
Water and Sewer Sales	13,561,423	13,941,079	13,608,716	13,640,016
Water Connection Fees	7,721	9,600	8,060	8,060
Service Charge	571,003	601,610	472,220	599,220
Regional Water Treatment Plant Fees	0	2,591,588	2,152,528	2,271,544
Wholesale Water Sales	1,378,757	1,437,000	1,368,100	1,368,100
Wholesale Sewer Charges	565,441	567,200	563,100	563,100
Total Sales and Fees	16,084,345	19,148,077	18,172,724	18,450,040
AR Share TX DS Projected	0	0	0	0
Total DS Transfers in	0	0	0	0
Interest Income	85,882	108,900	55,514	54,403
I.P. Service Charge	35,367	40,300	40,300	40,300
I.P. Service Charge (Expan)	18,900	18,900	18,900	18,900
AR Share LT Operations	607,448	612,503	607,073	700,167
UN Share LT Operations	45,792	46,741	45,764	52,782
MN Share LT Operations	11,734	12,242	11,727	13,525
MC Share Wtr Operations (Cash B)	815,059	754,255	814,556	814,808
Transfer from Customer Loan Fund	0	0	0	0
Miscellaneous Income	416,268	407,067	444,302	349,522
Total Other	2,036,450	2,000,908	2,038,136	2,044,407
TOTAL REVENUES	18,120,795	21,148,985	20,210,860	20,494,447
TOTAL FUNDS AVAILABLE	23,064,905	26,035,313	24,410,677	24,192,633
EXPENDITURES				
Total Operating Expenses	12,072,593	13,184,437	11,707,522	13,208,973
Total Capital Outlay	0	0	0	0
Share of North Texarkana Operations	72,076	103,116	102,305	105,146
Share of Millwood Operations	652,576	619,036	820,899	705,454
Total Operating Expenditures	12,797,245	13,906,589	12,630,726	14,019,573
Bond Fund 2004/ 2020 Ref Bond	183,666	184,119	107,563	172,823
Bond Fund 2005	0	0	0	0
Bond Fund 2013	154,414	158,235	164,415	151,416
Bond Fund (Projected)	0	0	0	0

TEXARKANA WATER UTILITIES

TEXAS REVENUE FUND

Contains Interfund Transfers

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
Total TX Debt Service	338,080	342,354	271,978	324,239
Share 1998 AR Debt Service	92,190	92,362	91,778	0
Share 1998-B AR Debt Service	16,870	16,900	16,852	0
Share 2007 AR Refunding Bonds	417,044	421,200	400,447	426,304
Total DS Transfers to AR	526,104	530,462	509,077	426,304
Transfer to Gen Fund - I P	18,900	18,900	18,900	18,900
Transfer to Gen Fund	22,500	37,500	37,500	37,500
Millwood Depreciation Fund	330,720	430,830	430,830	430,710
North Texarkana Depreciation Fund	7,150	7,800	7,800	7,800
Equipment Acquisition Fund	213,793	284,490	284,490	357,850
Technology Fund	244,833	442,540	442,540	359,898
Customer Loan Fund	0	0	0	0
Personnel Policy Fund	100,000	100,000	130,000	130,000
Capital Improvement Fund	1,290,422	1,200,000	1,200,000	1,050,000
Infrastructure Fund	572,331	622,256	622,256	574,236
Compost Fund	62,810	63,220	63,220	0
WP Corps of Engineers Cost Fund	1,648,419	1,578,419	1,578,419	1,578,419
LT Capital Improvement Fund	307,266	289,590	289,590	378,367
River Bend Water District	122,010	2,208,300	1,857,022	1,952,235
Wagner Creek Capital Improvement	50,000	100,000	100,000	0
SR WWTP Depreciation Fund	94,215	133,487	133,487	157,850
Other/Legal	118,290	104,655	104,655	104,655
Total Other	5,203,659	7,621,987	7,300,709	7,138,420
TOTAL EXPENDITURES	18,865,088	22,401,392	20,712,490	21,908,536
ENDING BALANCE	4,199,817	3,633,921	3,698,186	2,284,098

TEXARKANA WATER UTILITIES

IP WATER REVENUE FUND

Contains Interfund Transfers

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE	0	0	0	0
REVENUE				
Wholesale Water Sales	1,128,869	1,537,081	1,512,537	1,503,872
Total Sales and Fees	1,128,869	1,537,081	1,512,537	1,503,872
TOTAL REVENUES	1,128,869	1,537,081	1,512,537	1,503,872
TOTAL FUNDS AVAILABLE	1,128,869	1,537,081	1,512,537	1,503,872
EXPENDITURES				
Total Operating Expenses	1,128,869	1,537,081	1,512,537	1,503,872
Total Capital Outlay	0	0	0	0
Total Operating Expenditures	1,128,869	1,537,081	1,512,537	1,503,872
TOTAL EXPENDITURES	1,128,869	1,537,081	1,512,537	1,503,872
ENDING BALANCE	0	0	0	0

TEXARKANA WATER UTILITIES

COMBINED ARKANSAS, MANDEVILLE, UNION

Contains Interfund Transfers

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE	2,940,388	2,272,669	2,255,187	1,686,303
REVENUE				
Water and Sewer Sales	8,227,334	8,517,617	8,647,808	9,032,022
Water Connection Fees	4,700	4,400	4,550	4,550
Service Charge	415,476	416,021	259,952	329,860
Wholesale Water Sales	60,480	59,300	57,100	57,100
Total Sales and Fees	8,707,990	8,997,338	8,969,410	9,423,532
Texas Share 1998 Debt Service	92,190	92,362	91,778	0
Texas Share 1998-B Debt Service	16,870	16,900	16,852	0
Texas Share 2007 Refunding	417,044	421,200	400,447	426,304
Transfers from Mandeville & Union	0	0	0	0
Transfer from Customer Loan Fund	0	0	0	0
TX Share McKinney Bayou Operations	72,076	103,116	102,305	105,146
TX Share Millwood Operations	652,576	619,036	820,899	705,454
UN Share Millwood Operations	25,845	15,479	20,874	15,470
MN Share Millwood Operations	6,640	4,076	5,363	3,975
Total Transfers In	1,283,241	1,272,169	1,458,518	1,256,349
Interest Income	22,655	10,625	26,674	26,141
Miscellaneous Income	483,247	457,758	474,683	414,508
Total Other	505,902	468,383	501,357	440,649
TOTAL REVENUES	10,497,133	10,737,890	10,929,285	11,120,530
TOTAL FUNDS AVAILABLE	13,437,521	13,010,559	13,184,472	12,806,833
EXPENDITURES				
Total Operating Expenses	6,680,304	7,428,573	7,282,608	7,549,526
Total Capital Outlays	0	0	0	0
Share in LTWSC Operations	664,974	671,486	664,564	766,474
Total Operating	7,345,278	8,100,059	7,947,172	8,316,000
Bond Fund 1998	291,801	292,194	290,348	0
Bond Fund 1998-B	53,355	53,463	53,313	0
Bond Fund 2001	68,029	68,150	67,959	68,155
Bond Fund 2004A	147,609	147,866	147,492	147,916
Bond Fund 2004B	260,550	260,997	260,358	261,107
Bond Fund 2007 Refunding	720,359	698,883	664,448	708,247

TEXARKANA WATER UTILITIES

COMBINED ARKANSAS, MANDEVILLE, UNION

Contains Interfund Transfers

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
Total AR Debt Service	1,541,703	1,521,553	1,483,918	1,185,425
Share of TX DS Projected	0	0	0	0
Total DS Transfers to TX	0	0	0	0
Millwood Water Rights Fund	541,522	541,522	541,522	541,522
Millwood Depreciation Fund	55,785	55,170	55,170	55,290
McKinney Bayou Depreciation Fund	12,200	12,200	12,200	12,200
Mandeville Depreciation	5,000	5,000	5,000	5,000
Union Depreciation	25,000	25,000	25,000	25,000
Equipment Acquisition Fund	126,588	165,510	165,510	92,150
Technology Fund	144,967	257,460	257,460	210,102
Personnel Policy	20,000	20,000	20,000	100,000
Customer Loan Fund	0	0	0	0
Capital Improvement Fund	328,000	150,000	150,000	250,000
Infrastructure Fund	333,016	263,016	266,112	266,112
Compost Fund	37,190	36,780	36,780	0
LTWSC Capital Imp. Fund	181,933	168,478	168,478	244,250
SR WWTP Depreciation Fund	165,740	106,513	106,513	92,150
Transfer to General Fund (In Lieu of Tax	144,430	172,420	151,240	161,160
Transfer to General Fund	139,250	228,000	88,750	30,000
Other (Including Legal)	34,732	16,500	17,345	17,345
Total Other	2,295,353	2,223,569	2,067,080	2,102,281
TOTAL EXPENDITURES	11,182,334	11,845,181	11,498,170	11,603,706
ENDING BALANCE	2,255,187	1,165,378	1,686,302	1,203,127

TEXARKANA WATER UTILITIES
ARKANSAS REVENUE FUND

Contains Interfund Transfers

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE	2,790,907	2,112,212	2,099,006	1,501,092
REVENUE				
Water and Sewer Sales	7,727,796	8,011,047	8,123,668	8,507,882
Water Connection Fees	3,750	3,650	3,650	3,650
Service Charge	392,820	393,700	237,665	307,565
Wholesale Water Sales	60,480	59,300	57,100	57,100
Total Sales and Fees	8,184,846	8,467,697	8,422,083	8,876,197
Texas Share 1998 Debt Service	92,190	92,362	91,778	0
Texas Share 1998-B Debt Service	16,870	16,900	16,852	0
Texas Share 2007 Refunding	417,044	421,200	400,447	426,304
Transfers from Mandeville & Union	0	0	0	0
Transfer from Customer Loan Fund	0	0	0	0
TX Share North Texarkana Operations	72,076	103,116	102,305	105,146
TX Share Millwood Operations	652,576	619,036	820,899	705,454
UN Share Millwood Operations	25,845	15,479	20,874	15,470
MN Share Millwood Operations	6,640	4,076	5,363	3,975
Total Transfers In	1,283,241	1,272,169	1,458,518	1,256,349
Interest Income	22,655	10,625	26,674	26,141
Miscellaneous Income	469,098	442,202	465,216	405,036
Total Other	491,753	452,827	491,890	431,177
TOTAL REVENUES	9,959,840	10,192,693	10,372,491	10,563,723
TOTAL FUNDS AVAILABLE	12,750,747	12,304,905	12,471,497	12,064,815
EXPENDITURES				
Total Operating Expenses	6,541,287	7,290,149	7,143,084	7,412,900
Total Capital Outlays	0	0	0	0
Share in LTWSC Operations	607,448	612,503	607,073	700,167
Total Operating	7,148,735	7,902,652	7,750,157	8,113,067
Bond Fund 1998	291,801	292,194	290,348	0
Bond Fund 1998-B	53,355	53,463	53,313	0
Bond Fund 2001	68,029	68,150	67,959	68,155
Bond Fund 2004B	122,664	122,760	122,459	122,811
Bond Fund 2007 Refunding	720,359	698,883	664,448	708,247
Total AR Debt Service	1,256,208	1,235,450	1,198,527	899,213

TEXARKANA WATER UTILITIES

ARKANSAS REVENUE FUND

Contains Interfund Transfers

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
Share TX DS Projected	0	0	0	0
Total DS Transfers to TX	0	0	0	0
Millwood Water Rights Fund	541,522	541,522	541,522	541,522
Millwood Depreciation Fund	55,785	55,170	55,170	55,290
North Texarkana WWTP Depr. Fund	12,200	12,200	12,200	12,200
Equipment Acquisition Fund	126,588	165,510	165,510	92,150
Technology Fund	144,967	257,460	257,460	210,102
Personnel Policy	20,000	20,000	20,000	100,000
Customer Loan Fund	0	0	0	0
Capital Improvement Fund	328,000	150,000	150,000	250,000
Infrastructure Fund	333,016	263,016	266,112	266,112
Compost Fund	37,190	36,780	36,780	0
LTWSC Capital Imp. Fund	163,378	153,120	153,120	222,678
SR WWTP Depreciation Fund	165,740	106,513	106,513	92,150
Transfer to Gen. Fund (In Lieu of Tax)	144,430	172,420	151,240	161,160
Transfer to General Fund	139,250	228,000	88,750	30,000
Other (Including Legal)	34,732	16,500	17,345	17,345
Total Other	2,246,798	2,178,211	2,021,722	2,050,709
TOTAL EXPENDITURES	10,651,741	11,316,313	10,970,406	11,062,989
ENDING BALANCE	2,099,006	988,592	1,501,091	1,001,826

TEXARKANA WATER UTILITIES
MANDEVILLE REVENUE FUND

Contains Interfund Transfers

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE	26,238	22,636	22,200	26,738
REVENUE				
Water and Sewer Sales	76,756	76,270	80,910	80,910
Water Connection Fees	300	150	250	250
Service Charge	4,427	4,380	4,600	4,600
Total Sales and Fees	81,483	80,800	85,760	85,760
Interest Income	0	0	0	0
Miscellaneous Income	1,476	1,731	2,005	2,005
Total Other	1,476	1,731	2,005	2,005
TOTAL REVENUES	82,959	82,531	87,765	87,765
TOTAL FUNDS AVAILABLE	109,197	105,167	109,965	114,503
EXPENDITURES				
Total Operating Expenses	24,962	25,540	24,381	25,201
Capital Outlays	0	0	0	0
Share of MW Operations	6,640	4,076	5,363	3,975
Share of LT Operations	11,734	12,242	11,727	13,525
Total Operating	43,336	41,858	41,471	42,701
Bond Fund 2004A	10,091	10,109	10,083	10,112
Bond Fund 2004B	23,477	23,517	23,459	23,527
Total Debt Service	33,568	33,626	33,542	33,639
Transfer to Arkansas Fund	0	0	0	0
Depreciation Fund	5,000	5,000	5,000	5,000
LWSC Capital Improvement Fund	5,093	3,214	3,214	4,426
Total Other	10,093	8,214	8,214	9,426
TOTAL EXPENDITURES	86,997	83,698	83,227	85,766
ENDING BALANCE	22,200	21,469	26,738	28,737

TEXARKANA WATER UTILITIES

UNION REVENUE FUND

Contains Interfund Transfers

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE	123,243	137,821	133,981	158,473
REVENUE				
Water and Sewer Sales	422,782	430,300	443,230	443,230
Water Connection Fees	650	600	650	650
Service Charge	18,229	17,941	17,687	17,695
Total Sales and Fees	441,661	448,841	461,567	461,575
Interest Income	0	0	0	0
Miscellaneous Income	12,673	13,825	7,462	7,467
Total Other	12,673	13,825	7,462	7,467
TOTAL REVENUES	454,334	462,666	469,029	469,042
TOTAL FUNDS AVAILABLE	577,577	600,487	603,010	627,515
EXPENDITURES				
Total Operating Expenses	81,570	93,329	88,906	91,980
Capital Outlays	0	0	0	0
Share of MW Operations	25,845	15,479	20,874	15,470
Share of LT Operations	45,792	46,741	45,764	52,782
Total Operating	153,207	155,549	155,544	160,232
Bond Fund 2004A	137,518	137,757	137,409	137,804
Bond Fund 2004B	114,409	114,720	114,440	114,769
Total Debt Service	251,927	252,477	251,849	252,573
Transfer to Arkansas Fund	0	0	0	0
Depreciation Fund	25,000	25,000	25,000	25,000
LTWSC Capital Improvement Fund	13,462	12,144	12,144	17,146
Total Other	38,462	37,144	37,144	42,146
TOTAL EXPENDITURES	443,596	445,170	444,537	454,951
ENDING BALANCE	133,981	155,317	158,473	172,564

Section II

Bond Funds



TEXARKANA WATER UTILITIES

Arkansas 1998 Bond Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	147,274	146,612	147,434	145,603
REVENUE				
From Revenue Fund	291,801	292,194	290,348	0
Interest Income	1,583	1,045	1,045	1,024
TOTAL REVENUE	293,384	293,239	291,393	1,024
TOTAL FUNDS AVAILABLE	440,658	439,851	438,827	146,627
EXPENDITURES				
Interest Expense - October	10,500	7,947	7,947	2,698
Interest Expense - April	10,500	5,347	5,347	
Principal - October	136,112	138,665	138,665	143,929
Principal - April	136,112	141,265	141,265	
TOTAL EXPENDITURES	293,224	293,224	293,224	146,627
ENDING BALANCE	147,434	146,627	145,603	0
Transfers from Revenue:				
Texas Percent	31.60975%	31.60975%	31.60975%	31.60975%
Texas Share 61-991-911728	92,190	92,362	91,778	0
Arkansas Share	199,611	199,832	198,570	0
Total	291,801	292,194	290,348	0
Total Interest	21,000	13,294	13,294	2,698
Total Principal	272,224	279,930	279,930	143,929
Total	293,224	293,224	293,224	146,627

TEXARKANA WATER UTILITIES

ARKANSAS 1998-B BOND FUND

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	26,940	26,819	26,969	26,834
REVENUE				
From Revenue Fund	53,355	53,463	53,313	0
Interest Income	312	190	190	0
TOTAL REVENUE	53,667	53,653	53,503	0
TOTAL FUNDS AVAILABLE	80,607	80,472	80,472	26,834
EXPENDITURES				
Interest Expense - October	1,921	1,454	1,454	494
Interest Expense - April	1,921	978	978	
Principal - October	24,898	25,365	25,365	26,340
Principal - April	24,898	25,841	25,841	
TOTAL EXPENDITURES	53,638	53,638	53,638	26,834
ENDING BALANCE	26,969	26,834	26,834	0
Transfers from Revenue:				
Texas Percent	31.60975%	31.60975%	31.60975%	31.60975%
Texas Share 61-991-911729	16,870	16,900	16,852	0
Arkansas Share	36,485	36,563	36,461	0
Total	53,355	53,463	53,313	0
Total Interest	3,842	2,432	2,432	494
Total Principal	49,796	51,206	51,206	26,340
Total	53,638	53,638	53,638	26,834

TEXARKANA WATER UTILITIES

Arkansas 2001 Bond Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	34,349	34,195	34,386	34,195
REVENUE				
From Revenue Fund	68,029	68,150	67,959	68,155
Interest Income	398	240	240	235
TOTAL REVENUE	68,427	68,390	68,199	68,390
TOTAL FUNDS AVAILABLE	102,776	102,585	102,585	102,585
EXPENDITURES				
Interest Expense - October	4,618	4,137	4,137	3,152
Interest Expense - April	4,618	3,649	3,649	2,648
Principal - October	29,577	30,058	30,058	31,043
Principal - April	29,577	30,546	30,546	31,547
TOTAL EXPENDITURES	68,390	68,390	68,390	68,390
ENDING BALANCE	34,386	34,195	34,195	34,195

TEXARKANA WATER UTILITIES

Arkansas 2004A Bond Fund (Mandeville & Union)

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	74,551	74,203	74,617	74,203
REVENUE				
From Revenue Fund	147,609	147,866	147,492	147,916
Interest Income	863	540	500	490
TOTAL REVENUE	148,472	148,406	147,992	148,406
TOTAL FUNDS AVAILABLE	223,023	222,609	222,609	222,609
EXPENDITURES				
Interest Expense - October	12,056	11,047	11,047	8,977
Interest Expense - April	12,056	10,020	10,020	7,917
Principal - October	62,147	63,156	63,156	65,226
Principal - April	62,147	64,183	64,183	66,286
TOTAL EXPENDITURES	148,406	148,406	148,406	148,406
ENDING BALANCE	74,617	74,203	74,203	74,203
Transfers from Revenue:				
Mandeville Percent	6.836290%	6.836290%	6.836290%	6.836290%
Mandeville Fund	10,091	10,109	10,083	10,112
Union Fund	137,518	137,757	137,409	137,804
Total	147,609	147,866	147,492	147,916
Ending Balance:				
Mandeville Percent	6.836290%	6.836290%	6.836290%	6.836290%
Mandeville Fund	5,100	5,073	5,073	5,073
Union Fund	69,518	69,130	69,130	69,130
Total	74,617	74,203	74,203	74,203

TEXARKANA WATER UTILITIES

Arkansas 2004B Bond Fund (AR, MNDVL & UN)

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE	131,557	130,966	131,699	130,966
REVENUE				
From Revenue Fund	260,550	260,997	260,358	261,107
Interest Income	1,524	935	842	825
TOTAL REVENUE	262,074	261,932	261,199	261,932
TOTAL FUNDS AVAILABLE	393,631	392,898	392,898	392,898
EXPENDITURES				
Interest Expense - October	26,458	24,759	24,759	21,280
Interest Expense - April	26,458	23,033	23,033	19,497
Principal - October	104,508	106,207	106,207	109,686
Principal - April	104,508	107,933	107,933	111,469
TOTAL EXPENDITURES	261,932	261,932	261,932	261,932
ENDING BALANCE	131,699	130,966	130,966	130,966
Transfer From Revenue:				
Arkansas Fund	122,664	122,760	122,459	122,811
Mandeville Fund	23,477	23,517	23,459	23,527
Union Fund	114,409	114,720	114,440	114,769
Total	260,550	260,997	260,358	261,107
Ending Balance:				
Arkansas Fund	61,744	61,600	61,600	61,600
Mandeville Fund	11,759	11,800	11,800	11,800
Union Fund	58,196	57,566	57,566	57,566
Total	131,699	130,966	130,966	130,966

TEXARKANA WATER UTILITIES

Arkansas 2007 Refunding Bond Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	77,952	59,892	98,768	60,092
REVENUE				
From Revenue Fund	720,359	698,883	664,356	708,340
From Reserve Fund	13,190	14,465	12,611	9,857
Interest Income	7,775	5,560	3,065	3,004
TOTAL REVENUE	741,324	718,908	680,032	721,201
TOTAL FUNDS AVAILABLE	819,276	778,800	778,800	781,293
EXPENDITURES				
Interest Expense - March	87,754	76,854	76,854	65,554
Interest Expense - September	87,754	76,854	76,854	65,554
Principal - September	545,000	565,000	565,000	590,000
Agent Fees				
TOTAL EXPENDITURES	720,508	718,708	718,708	721,108
ENDING BALANCE	98,768	60,092	60,092	60,185
Transfers from Revenue:				
Texas Percentage (X .9533)	62.81%	63.22%	63.22%	63.14%
Texas 61-991-911740	417,044	421,200	400,392	426,360
Arkansas	303,315	277,683	263,964	281,980
Total	720,359	698,883	664,356	708,340

TEXARKANA WATER UTILITIES

Arkansas 2007 Bond Reserve Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	725,245	725,910	727,799	725,245
REVENUE				
Interest Income	15,744	13,800	10,058	9,857
TOTAL REVENUE	15,744	13,800	10,058	9,857
TOTAL FUNDS AVAILABLE	740,989	739,710	737,857	735,102
EXPENDITURES				
Transfer to 2007 Bond	13,190	14,465	12,612	9,857
TOTAL EXPENDITURES	13,190	14,465	12,612	9,857
ENDING BALANCE	727,799	725,245	725,245	725,245

TEXARKANA WATER UTILITIES

Texas 2013 Bond Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	28,058	27,666	28,026	27,509
REVENUE				
Transfer from Revenue Fund	154,414	158,235	164,415	151,416
Transfer from Reserve Fund	7,650	6,046	155	10,821
Interest Income	1,598	1,238	907	907
TOTAL REVENUE	163,662	165,519	165,477	163,144
TOTAL FUNDS AVAILABLE	191,720	193,185	193,503	190,653
EXPENDITURES				
Interest-February	36,847	35,497	35,497	34,072
Interest-August	36,847	35,497	35,497	34,072
Principal	90,000	95,000	95,000	95,000
Agent Fees				
TOTAL EXPENDITURES	163,694	165,994	165,994	163,144
ENDING BALANCE	28,026	27,191	27,509	27,509

TEXARKANA WATER UTILITIES

Texas 2020 Refunding Bond Fund (Ref 2004 Bond)

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	32,230	32,529	32,511	124,433
REVENUE				
Transfer from Revenue Fund	183,666	184,119	107,563	172,823
Transfer from Reserve Fund	9,043	6,982	178	12,898
Interest Income	1,047	1,066	1,066	1,066
TOTAL REVENUE	193,756	192,167	108,807	186,787
TOTAL FUNDS AVAILABLE	225,986	224,696	141,318	311,220
EXPENDITURES				
Interest-February	18,388	15,088	15,088	3,300
Interest-August	15,087	11,581	1,797	2,190
Principal	160,000	165,000	0	185,000
Agent Fees				
TOTAL EXPENDITURES	193,475	191,669	16,885	190,490
ENDING BALANCE	32,511	33,027	124,433	120,730

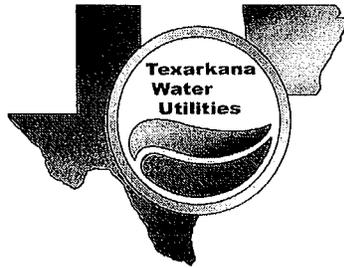
TEXARKANA WATER UTILITIES

TEXAS BOND RESERVE FUND

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	720,832	717,167	704,472	717,167
REVENUE				
Transfer from Revenue Fund				
Interest Income	333	13,028	23,719	23,719
TOTAL REVENUE	333	13,028	23,719	23,719
TOTAL FUNDS AVAILABLE	721,165	730,195	728,191	740,886
EXPENDITURES				
Transfer Interest to 2004/ 2020 Bond Fund	9,043	6,982	178	12,898
Transfer Interest to 2013 Bond Fund	7,650	6,046	155	10,821
TOTAL EXPENDITURES	16,693	13,028	333	23,719
ENDING BALANCE	704,472	717,167	727,858	717,167

Section III

Capital Funds



TEXARKANA WATER UTILITIES

Arkansas Capital Improvement Fund

		Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE		176,344	172,715	211,603	198,030
REVENUE					
Transfers from Revenue Fund	61-994-941211	328,000	150,000	150,000	250,000
Additional Transfers from Revenue- Inventory	61-994-941211	1,361			
Interest Income	61-911-611116				
Pro-rata Income - Cust	61-991-911215	1,511	1,670	1,850	1,680
Plans/ Permits	61-080-481119		250	0	250
Grant Income					
TOTAL REVENUE		330,872	151,920	151,850	251,930
TOTAL FUNDS AVAILABLE		507,216	324,635	363,453	449,960
	Water Projects --> 61-000-135111 + Proj No.				
	Sewer Projects --> 61-000-135131 + Proj No.				
	Equipment --> 61-000-135151 + Proj No.				
EXPENDITURES					
Water System Improvements- 2018	A121820	3,404			
Loop Dead End Water Mains- Owl Ridge Subdivi.	A121821	9,172			
Install New Fire Hydrant- East 9th	A121822	624			
Lakewood Chloramine Booster Station	A121824	19,000			
Loop WL- 1,800', 8" E 18th Jefferson to Franklin	A121825	27,154			
Chlorine Conversion Project	A121826	247			
MCPWA Reimbursable-Air Valve Installation	A121827	202			
Txx, AR Sewer Trunk Main Replacement	A121828	2,375	0	128	
Water System Improvements- 2019	A121920	30,013			
Sewer System Improvements- 2019	A121940	14,636			
Loop Dead End Mains- 2019	A121921	15,775			
(30) Water Line Air Valves-Lakewood Area	A121922	57,986			
Tennessee Rd Sewer Extension (Pro-rata)	A121923	33,319			
Cooper Tire Water Line Repair-RR & AR Viaduct	A121924	5,762			
Sewer Extension-N. of I-30/TASD School Area	A121925	10,215			
Lavender LN 6" Water Main Repl	A121926	23,836	0	47,979	
Flying J Lift Station Pump Rebuild	A121941	22,601			
MCPWA Reimbursable-(3) Flush Stations	A121927	13,225			
Lakewood Softstart #3 Pump Drive/ Pump	A121928	6,072	0	8,412	
Water System Improvements- 2020	A122020		35,000	16,000	
Sewer System Improvements- 2020	A122040		30,000	5,065	
Loop Dead End Water Mains- 2020	A122021		40,000	0	
Chlorine Conversion Project- 2020	A122022		78,000	38,614	
N. Sanderson Ln Sewer Extension	A122041		50,000	2,500	56,721
Tennessee Rd Sewer Extension	A122042		85,000	0	
Front Street 8" Water Extension	A122023		0	15,633	
Emergency 36" Water Line Repair-North Stateline	A122028		0	3,785	
Locust Street Water Line Looping	A122029		0	16,233	
3907 Sanderson Ln Sewer Extension	A122043		0	11,074	
Hwy 82 Sewer Extension					145,000
Chlorine Conversion Project-2021					34,000
Water System Improvements- 2021					30,000
Sewer System Improvements- 2021					50,000
Loop Dead End Water Mains- 2021					75,000
College Hill Tank Overflow Repair					30,000
Arkansas Share of Rate Study					28,000
TOTAL EXPENDITURES		295,613	318,000	165,423	448,721
ENDING BALANCE		211,603	6,635	198,030	1,239

TEXARKANA WATER UTILITIES

Arkansas Infrastructure Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	263,212	137,623	90,604	134,891
REVENUE				
Transfer from Revenues-Infrastr Fees 61-994-941224	263,016	263,016	266,112	266,112
Additional Transfer from Revenues 61-994-941224	70,000	0	0	0
Interest Income 61-911-611124	2,207	2,485	0	0
TOTAL REVENUE	335,223	265,501	266,112	266,112
TOTAL FUNDS AVAILABLE	598,435	403,124	356,716	401,003
	61-000-135157- Proj No.			
EXPENDITURES				
Transfer to City Gen Fd-Storm Water 61-932-631112	87,923	87,672	88,704	88,704
Transfer to City Gen Fd-Oper-Infrastr	198,750			
U of A Way- Reloc W&S in R.O.W. A151802		65,000	0	
Cooper Tire Rd- Repl 12" Swr Main A151803	208			
Highland Hills LS/Cooper Tire Rd Swr A151804	220,950		90	
Nix Creek Sewer Trunk Main				
Engineering/Design A152001		150,000	90,000	60,000
Replace/Upsize Water Mains A152002		70,000	17,385	50,000
Replace Brick Manholes A152003		25,000	0	50,000
Animal Shelter Sewer Relocation A152004			25,646	
Porter Street Sewer Improvements				116,000
AR Share-Courthouse Square W&S				34,100
TOTAL EXPENDITURES	507,831	397,672	221,825	398,804
ENDING BALANCE	90,604	5,452	134,891	2,199

TEXARKANA WATER UTILITIES

Arkansas Millwood Water Rights Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	235,089	235,357	235,377	235,571
REVENUE				
Transfer from Revenues -99.8 MGD	541,522	541,522	541,522	541,522
Interest Income	288	260	193	189
TOTAL REVENUE	541,810	541,782	541,715	541,711
TOTAL FUNDS AVAILABLE	776,899	777,139	777,092	777,282
EXPENDITURES				
Annual Principal Payment on 99.8 MGD 000-236112	155,612	159,707	159,707	163,911
Annual Interest Payment on 99.8 MGD 921-621112	385,910	381,814	381,814	377,611
TOTAL EXPENDITURES	541,522	541,522	541,522	541,522
ENDING BALANCE	235,377	235,618	235,571	235,760

TEXARKANA WATER UTILITIES

Arkansas Personnel Policy Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	236,401	206,736	225,489	141,941
REVENUE				
Transfer from Revenues	20,000	20,000	20,000	100,000
Interest Income	1,937	1,600	1,860	1,163
TOTAL REVENUE	21,937	21,600	21,860	101,163
TOTAL FUNDS AVAILABLE	258,339	228,336	247,349	243,104
EXPENDITURES				
Termination Pay	17,568	40,000	30,000	23,000
Social Security	1,344	3,060	2,295	1,760
Post Retirement Insurance	13,938	21,000	73,113	80,000
TOTAL EXPENDITURES	32,849	64,060	105,408	104,760
ENDING BALANCE	225,489	164,276	141,941	138,345
Accrued Compensated Absences:				
Arkansas:				
Current	29,140	31,000	29,500	30,000
Long Term	229,446	210,000	229,500	230,000
Total	258,586	241,000	259,000	260,000

TEXARKANA WATER UTILITIES

Millwood Water Treatment Plant Depreciation Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	1,394,369	669,848	729,991	1,092,343
REVENUE				
Transfer from Revenues	386,505	486,000	486,000	486,000
Plans/Specs/Misc	1,475	0	0	0
Interest Income	8,348	8,182	8,352	8,185
TOTAL REVENUE	396,328	494,182	494,352	494,185
TOTAL FUNDS AVAILABLE	1,790,697	1,164,030	1,224,343	1,586,528
EXPENDITURES				
Paint Bridge Pipework A/T131901	97,586			
Storage Building A/T131202		20,000	0	
Sludge Pond Cleaning- 2019 A/T131803	212,157			
Replace Valves- Filters 5 & 6 A/T131805	298,853			
Replace Gate Actuator A/T131806				
Repair High Service Pump A/T131807	46,200			
Basin Lining (1) A/T132008	370,845	375,000	0	400,000
High Service Pump Building Heat Unit A/T131902	4,668			
Clearwell Mixer A/T131903	9,851			
#3 High Service Ball Valve/Actuator A/T131904	11,778			
Surface Wash Nozzle Replacement A/T131905	8,768			
Replace Security Cameras A/T132001		7,000	7,000	
Replace Valves- Filters 7 & 8 A/T132003		300,000	0	260,000
Low Service Control Panel Replacement A/T132004		75,000	75,000	
Repair High Service Pump/Motor/Actuator A/T132005		95,000	0	
SCADA Upgrade A/T132006		60,000	0	50,000
Mixer Gearbox Repair A/T132007		10,000	10,000	
Repair Primary Disconnect A/T132009		15,000	15,000	
Emergency Low Svc Pump Motor Repairs A/T132010		0	25,000	
Sludge Pond Cleaning (only 2)- 2021				175,000
Generator Load Bank Test/Fluid Change				35,000
Flash Mixer				12,000
Chemical Bldg Roof Replacement				100,000
Automatic Transfer Switch				200,000
Low Service Repair/Rebuild				65,000
High Service Repair/Rebuild				100,000
Chlorine Analyzer				4,800
TOTAL EXPENDITURES	1,060,705	957,000	132,000	1,401,800
ENDING BALANCE	729,991	207,030	1,092,343	184,728
Transfers from Revenue:	62.81%	63.22%	63.22%	63.14%
Arkansas Share	55,785	55,170	55,170	55,290
Additional Contribution-Arkansas	0	0	0	0
Arkansas Total	55,785	55,170	55,170	55,290
Texas Share	94,215	94,830	94,830	94,710
Additional Contribution-Texas	236,505	336,000	336,000	336,000
Texas Total	330,720	430,830	430,830	430,710
Total	386,505	486,000	486,000	486,000
Ending Balances:				
Arkansas	516,480	205,128	526,389	68,198
Texas	213,512	1,902	565,955	116,530
Total	729,991	207,030	1,092,343	184,728

TEXARKANA WATER UTILITIES

North Texarkana WWTP Depreciation Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	81,441	51,441	75,413	91,376
REVENUE				
Transfer from Revenues	19,350	20,000	20,000	20,000
Interest Income				
Plans/Specs				
TOTAL REVENUE	19,350	20,000	20,000	20,000
TOTAL FUNDS AVAILABLE	100,791	71,441	95,413	111,376
EXPENDITURES				
Pump/Motor/VFD Replacements-2019	14,458			
Replace UV Ballasts/Controls	5,152			
Replace AC	5,788			
Pump/Motor/VFD Replacements-2020		42,000		
Aeriation Tanks Cleaned Out/Joints Resealed		17,500	1,738	17,500
UV System Repairs			2,300	
Pump/Motor/VFD Replacements-2021				42,000
TOTAL EXPENDITURES	25,378	59,500	4,038	59,500
ENDING BALANCE	75,413	11,941	91,376	51,876
Transfers from Revenue:				
Texas Percentage	39.00000%	39.00000%	39.00000%	39.00000%
Arkansas Share	12,200	12,200	12,200	12,200
Texas Share	7,150	7,800	7,800	7,800
Total	19,350	20,000	20,000	20,000

TEXARKANA WATER UTILITIES

Mandeville Depreciation Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	142,032	140,436	141,665	133,556
REVENUE				
Transfer from Revenues	5,000	5,000	5,000	5,000
Additional Transfers from Revenue- Invento	1,369			
Interest Income	0	0	0	0
TOTAL REVENUE	6,369	5,000	5,000	5,000
TOTAL FUNDS AVAILABLE	148,401	145,436	146,665	138,556
81-000-135112-Proj No.				
EXPENDITURES				
Automatic Water Flush Valves (2)- 2019	6,736			
Automatic Water Flush Valves (2)- 2020		10,000	0	
Kill out 4,500' 2" Leaking Water Line			13,110	
Replace 2" Wtr Line with 6"-from Hwy 67 to MC 362 along Dooley Ferry Rd				100,000
TOTAL EXPENDITURES	6,736	10,000	13,110	100,000
ENDING BALANCE	141,665	135,436	133,556	38,556

TEXARKANA WATER UTILITIES

Union Depreciation Fund

		<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE		110,256	132,482	131,982	141,982
REVENUE					
Transfer from Revenues	82-994-941226	25,000	25,000	25,000	25,000
Transfer from Revenues-Inventory		374			
Interest Income	82-911-611118				
TOTAL REVENUE		25,374	25,000	25,000	25,000
TOTAL FUNDS AVAILABLE		135,630	157,482	156,982	166,982
	82-000-135112-Proj No.				
EXPENDITURES					
Automatic Water Flush Valves (1)- 2019	U131901	3,648			
Automatic Water Flush Valves (1)- 2020	U132001		5,000	5,000	
MC 10- Water Line Repair	U132002			10,000	
MC 10- 3" Creek Crossing					20,000
Water System Improvements					100,000
TOTAL EXPENDITURES		3,648	5,000	15,000	120,000
ENDING BALANCE		131,982	152,482	141,982	46,982

TEXARKANA WATER UTILITIES

Texas Capital Improvement Fund

		Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE		912,976	672,481	804,342	266,036
REVENUE					
Transfer from Revenue Fund	62-994-941211	1,290,422	1,200,000	1,200,000	1,050,000
Transfer from Gen Fund	62-932-631127			625,000	
Interest Income	62-911-611116	44,751	23,000	21,266	20,841
Prorata Fees					
Plans		25			
Other Reimbursements				3,531	
Insurance Reimbursements					
TOTAL REVENUE		1,335,198	1,223,000	1,849,797	1,070,841
TOTAL FUNDS AVAILABLE		2,248,174	1,895,481	2,654,139	1,336,877
	Water Projects --> 62-000-135111+Proj No.				
	Sewer Projects --> 62-000-135131+Proj No.				
	Equipment --> 62-000-135151+Proj No.				
EXPENDITURES					
Water System Improvements:					
				T122020	
Sewer System Improvements	T122040	94,289	60,000		60,000
Loop Dead End Water Mains				T122023	60,000
TX Fire Hydrants		2,653	35,000	T122021	0
Manholes Where Needed	T122041	99	50,000		0
2008 SWR Annexation	T122148	156			
Extend 8" Water Main- Gin Rd- 2,000'		180		T121603	
6" Water Main Extension-Summerhill Rd		10,601		T121822	
Automatic Water Flusher Valves (5)		15,406		T121921	
North Txx Swr Project PH II (2008 Annexation)	T121942	1,205,083	1,200,000		1,050,000
<i>Portion of project canceled for Funds XFR to Corps Fund</i>		<i>(1,200,000)</i>			
Transfer to Corps of Engineers Fund to Reimb for portion of Funds Transferred to TXK, TX Gen Fund in FY18		1,200,000			
Palisades Drive Water Ext 8 inch	T121904	19,549			
Meadow Lane Drainage	T121905	2,950			
Loop Water Mains-Moores Ln/ N Park Area	T121906	50,309	0		2,521
WC Pump/Motor/VFD	T121970	2,402			
2018 Annexation Engineering Fee	T122042		150,000		150,000
Grim Apts Sewer	T121943	23,958	0		8,219
I-30 & FM 2148- TX DOT Reimb.			0		3,531
Elevated Tank Cathodic Repairs			30,000		0
Chlorine Conversion Project			0		12,394
Water & Sewer Mains-104 Hubbard			0		10,866
Looping Dead End Wtr Mains-S.TXK- PH I			0		630,184
Pine Knoll & Cedar Hill Sewer Repl	T122043		0		23,417
Emergency 36" Water Line Repair-North Stateline			0		6,505
TX DOT Kings Hwy Water & Sewer Reloc			250,000		350,000
Colonial Cir Sewer Repair	T122044		0		25,000
I-30 Valve					80,000
2018 Annexation Areas Water & Sewer					850,000
FM 2148- 12" Water Line Relocation					150,000
FY21 Chlorine Conversion					13,000
TOTAL EXPENDITURES		1,443,832	1,895,000	2,388,103	1,303,000
ENDING BALANCE		804,342	481	266,036	33,877

TEXARKANA WATER UTILITIES

TEXAS INFRASTRUCTURE FUND

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	874,011	214,540	259,834	47,045
REVENUE				
Transfer from Revenues	572,331	622,256	622,256	574,236
Plans & Specs	0	0	0	0
Interest Income	18,700	17,500	4,260	4,200
TOTAL REVENUE	591,031	639,756	626,516	578,436
TOTAL FUNDS AVAILABLE	1,465,042	854,296	886,350	625,481
EXPENDITURES				
West Texarkana Area Sewer Project T151802	337,740			
Transfer to Corps of Eng Fund-Reimb FY18 Transfer to City	827,000			
College Drive Area Sewer T151902	32,328	200,000	283,336	
New Boston Rd/Robison Rd Repl 12" Swr T151903		150,000	0	250,000
Eng. Design-TX DOT-Reloc W&S in ROW I-30 T151904	8,140		5,969	
Replace AC & Undersized Water Mains T152001		50,000	0	
Upgrade Sewer Mains/ Relining/Replace MH's T152002		50,000	0	
TX DOT Kings Hwy Water & Sewer Reloc T152003		375,000	375,000	
Hwy 67 & Loop 151 Sewer Crossing T152004		0	175,000	
College Drive Area Sewer-PH II				150,000
Replace Sewer Behind 2905 Texas Blvd				75,000
TX Water and Sewer Rate Study				75,000
TOTAL EXPENDITURES	1,205,208	825,000	839,305	550,000
ENDING BALANCE	259,834	29,296	47,045	75,481

TEXARKANA WATER UTILITIES

Wright Patman Corps of Engineers Cost Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	1,783,095	6,351,053	6,463,246	7,898,016
REVENUES				
Transfer from Revenue Fund	1,578,419	1,578,419	1,578,419	1,578,419
Add'l Transfer from Revenue Fund	70,000			
Transfer from Wagner Creek Cap	893,000			
Transfer from Infrastructure	827,000			
Transfer from Cap Impr	1,200,000			
Unspent SOW Funds Refunded by Corps of Engineers	22,539			
Interest Income	89,193	22,000	114,420	114,500
TOTAL REVENUE	4,680,151	1,600,419	1,692,839	1,692,919
TOTAL FUNDS AVAILABLE	6,463,246	7,951,472	8,156,085	9,590,935
EXPENDITURES				
Hilco Partners-LWP Water Rights Legal/Lobbyist Professional Svcs		102,000	102,000	102,000
TCEQ- Water Rights Application Fee			81,069	
Ultimate Rule Curve Cultural Study			75,000	
TOTAL EXPENDITURES	0	102,000	258,069	102,000
ENDING BALANCE	6,463,246	7,849,472	7,898,016	9,488,935

TEXARKANA WATER UTILITIES

Texas Personnel Policy Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	157,965	175,405	202,221	204,525
REVENUE				
Transfer from Revenues	100,000	100,000	130,000	130,000
Interest Income	5,140	2,190	2,090	2,090
TOTAL REVENUE	105,140	102,190	132,090	132,090
TOTAL FUNDS AVAILABLE	263,105	277,595	334,311	336,615
EXPENDITURES				
Termination Pay	33,512	61,050	30,000	53,207
Social Security	2,564	4,670	2,295	4,070
Post Retirement Benefits	24,808	25,000	97,491	105,000
TOTAL EXPENDITURES	60,884	90,720	129,786	162,277
ENDING BALANCE	202,221	186,875	204,525	174,339
Accrued Compensated Absenses:				
Texas:				
Current	49,053	57,000	49,053	49,500
Long Term	382,754	345,000	382,754	383,000
Total	431,807	402,000	431,807	432,500

TEXARKANA WATER UTILITIES

Wagner Creek Capital Improvement Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	1,018,544	226,424	259,938	194,476
REVENUES				
Transfer from Revenue Fund	50,000	100,000	100,000	0
Contributions From Wake Village	73,887	73,887	73,887	73,887
Contributions from Nash	73,887	73,887	73,887	73,887
Plans/Specs	0	0	0	0
Interest Income	26,981	2,700	4,902	4,804
TOTAL REVENUE	224,756	250,474	252,676	152,578
TOTAL FUNDS AVAILABLE	1,243,300	476,898	512,614	347,054
EXPENDITURES				
Reimb TX Fund- WC Transf to TX GEN FUND Covered-FY18	80,503			
Reimb TX Fund for Rev Fund CD Principal Transferred in 2018	500,000			
Transf to WP Corps of Engin.Fund- Repl Funds Transf to City	393,000			
Pump/Motor/VFD Replacement-2019 T121970	9,859			
Wagner Creek Engineering Fee T122070		460,000	275,500	184,500
#3 Influent PumpVFD T122071		6,000	6,000	
Replace Conduit on Clarifier and Wetwell T122072		10,000	8,993	
Rebuild Failed Pump Around Pump T122073		0	12,722	
Emergency Repair-East Tank Inlet/Barscre T122074			14,923	
Pump/Motor/VFD Repair				15,000
Chlorinator Repair				12,000
Replace 17yr old 1/2 Ton Plant Pickup				25,000
TOTAL EXPENDITURES	983,362	476,000	318,138	236,500
ENDING BALANCE	259,938	898	194,476	110,554

TEXARKANA WATER UTILITIES

LTWSC Capital Improvement Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	594,512	776,393	864,606	67,164
REVENUE				
Member Cities	60,802	56,932	56,932	82,358
Transfers from Arkansas	181,933	168,478	168,478	244,250
Transfers from Texas	307,266	289,590	289,590	418,392
Other Transfers from Arkansas				
Other Transfers from Texas	77,384			
CD Funds Transfer From Texas	275,000			
Interest Income	24,041	13,700	9,562	7,750
Insurance Proceeds				
Miscellaneous	1,412	600	600	600
TOTAL REVENUE	927,838	529,300	525,162	753,350
TOTAL FUNDS AVAILABLE	1,522,350	1,305,693	1,389,768	820,514
EXPENDITURES				
Filter Media Replacement L121707	196			
TCEQ Item: Filter Troughs L121710	196			
TCEQ Item: Basin Lining (1 Basin) L121711	409	215,000	297,537	
Upgrade SCADA System L121801	8,978			
TCEQ Basin Gates and Weirs (Flow Distr Design) L121805	97,125	0	64,489	
Replace 2nd Ammonia Pipe Stinger L121806	4,746			
High Service #5 Pump Bowl L121807		0	6,475	
Filter Effluent Valve and Mag Meter L121814	29,995			
Filter Control for #3, #5, #6 & #7 Filters L121816	2,749			
Settled Water Mixing Chamber L121817	553	0	19,515	
Rate of Flow Venturies for 4 Filter Effluent Lines-Raw L121901	16,423	49,000	10,147	
#2 Influent Valve/Actuator L121902	14,458	17,000	0	
East Alum Pump Replacement L121903	4,205			
#1 Intake Pump/Gate & Ball Valves/Actuator, Piping L121904	17,232			
East Basin Sludge Rakes L121905	44,433			
Chlorine Dioxide Enclosure/Leak Detection L121906	17,500			
Pump and Motor Rebuild L121907	104,630	80,000	44,947	
Surface Wash Arms/Bearings/Nozzle L121908	47,148			
Filter Troughs PH II L121915	179,519			
Low Service Pump #4 VFD- Emergency Replacemnt L121917	64,209			
Replace Gate Access Controller L121918	3,042			
Replace Pump Room Flooring L122001		16,000	0	
PC Replacements (6) & iPads (2) L122002		8,200	6,213	
Replace Security Cameras L122003		7,000	0	
MCC Control Panel Replacement in Lime Bldg L122004		373,000	0	
Repair Parking Lot L122005		75,000	0	
Low Service Switch Gear Emergency Repl L122006		0	517,069	
New Boston Transfer Switch L122007		10,000	10,000	
TCEQ-Cleanwell Top Cleaning L122008		6,000	6,000	
SCADA Upgrades-Patman L122009		50,000	0	
SCADA Upgrades-All Sites L122010		45,000	45,000	
Replace Ferris Mower L122011		15,000	9,215	
Replace Side-by-Side (ROW Maint) L122012		15,000	0	
Replace 1/2 Ton Truck L122013		30,000	48,627	
I-30 Valve L122014		60,000	0	
High Service Pump/Motor Repair L122015		90,000	0	
Replace Basin Tower and Rakes L122016		48,000	0	

TEXARKANA WATER UTILITIES

LTWSC Capital Improvement Fund

		Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
Gate Opener for Back Gate	L122017		0	3,525	
Low Service Power Upgrade	L122018		30,000	30,000	
300K Gallon Standpipe Painting-Avery	L122019		0	77,836	
AC/ Insulation at Low Service	L122020		0	43,663	
Plant Drainage Ditch Clearing	L122021		0	26,766	
Portable Tank Mixer	L122022		0	9,580	
Emergency Rebuild High Service Pump	L122023			46,000	
Line Settling Basin #2					270,000
MCC Control Panel Replacement (incl engineering)					420,000
SCADA Upgrade-Patman					50,000
Influent Valve & Actuator					35,000
TOTAL EXPENDITURES		657,744	1,239,200	1,322,604	775,000
ENDING BALANCE		864,606	66,493	67,164	45,514

TEXARKANA WATER UTILITIES

South Regional WWTP Depreciation Fund

	Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE	123,743	150,520	120,752	51,356
REVENUE				
Transfer from Revenues	259,955	240,000	240,000	250,000
Interest Income	3,855	1,822	2,382	2,380
TOTAL REVENUE	263,810	241,822	242,382	252,380
TOTAL FUNDS AVAILABLE	387,553	392,342	363,134	303,736
EXPENDITURES				
Roof Repairs, 200,1300,1400, 1600 Bldgs	A/T131856	20,070		
Pump/Motor/VFD Replacement- 2018	A/T131858	5,340		
Belt Press Refurbish	A/T131859	1,993		
SRWWTP Wireless SCADA	A/T131862	68,858		
Centrifuge Rebuilds- 2019	A/T131950	34,712		
Pump/Motor/VFD Replacement- 2019	A/T131954	36,058		
Primary Clarifier 503 Gear Box Replacement	A/T131955	56,431		
Emergency Retube of Boiler	A/T131956	31,575		
Emergency Repair of Chiller Tubes	A/T131957	4,670		
Digester Lid Painting	A/T131958	7,094		
Replace 700 Methane Controller/Sensors	A/T132056		7,500	7,500
Pumps/Motors/VFD Replacements- 2020	A/T132057		61,000	41,510
SO2 Evaporator Replacement	A/T132058		35,000	0
Grit Basin 401, 402 Repair	A/T132059		80,000	40,000
Barscreen 222 Rebuild	A/T132060		50,000	50,000
Roof Repairs, 400, 700, 1500, 1800 Bldgs	A/T132061		50,000	0
Plant Wireless SCADA	A/T132062		30,000	30,000
Boiler Rebuilds	A/T132063		35,000	31,575
Replace Generator Main Breaker	A/T132064		10,000	9,445
Digester Repairs	A/T132065		0	11,145
Fuel Station Repairs	A/T132066		0	9,018
Repair 200PS Generator Auto Transfer Switch	A/T132067		0	12,650
Repair Primary Clarifier #503 Drive	A/T132068			68,935
Pumps/Motors/VFD Replacements- 2021				50,000
Chiller Replacement				85,000
Barscreen Rebuild				50,000
Chlorine-SO2 Rebuild				50,000
Wireless SCADA				30,000
	266,801	358,500	311,778	265,000
TOTAL EXPENDITURES	120,752	33,842	51,356	38,736
ENDING BALANCE				
Transfers from Revenue:				
Arkansas Percentage	37.19%	36.78%	36.78%	36.86%
Arkansas Share	55,785	77,660	77,660	92,150
Additional Contribution-Arkansas	<u>109,955</u>	<u>28,853</u>	<u>28,853</u>	<u>0</u>
Arkansas Total	165,740	106,513	106,513	92,150
Texas Share	94,215	133,487	133,487	157,850
Additional Contribution-Texas	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Texas Total	94,215	133,487	133,487	157,850
Total Contributions	259,955	240,000	240,000	250,000

South Regional WWTP Depreciation Fund- Ten Year Plan

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30
EXPENDITURES										
Pump/Motor/VFD Replacements	50,000	50,000	50,000	150,000	150,000	150,000	150,000	150,000	150,000	50,000
Belt Press Refurbish		60,000	60,000		30,000	30,000	30,000			
Engine Generator 1532 Rebuild		25,000								40,000
SO2 Evaporator Replacement										
Centrifuge Rebuilds			50,000	50,000			50,000		50,000	
Engine Generator 1112 Rebuild								30,000		
Barscreen 221 Rebuild	50,000									50,000
Grit Basin 401 Repair									40,000	
Chlorine - SO2 Rebuild/Upgrade	50,000							30,000		
Painting Exposed Metals			20,000	20,000					30,000	
Barscreen 222 Rebuild								50,000		
Blower Rebuilds					40,000	40,000	40,000			
Grit Basin 402 Repair								40,000		
South Regional Plant Wireless SCADA	30,000	30,000								
Roof Repairs, 1100, 400, 1000 Bldgs.		45,000								
PLC Replacement					50,000			50,000		
Digester Cleaning x 4		50,000	50,000	50,000	50,000					
Equalization Basin Cleaning		25,000	25,000							
Roof Repair 500 Bldg.		12,000								
Non-Pot Pump Rebuild 1000 PS		25,000	25,000							
In-Plant Waste Pump Rebuild		15,000	15,000	15,000						
1400 Digester Pump Replacement		10,000	10,000	10,000	10,000					
800 FC Gate Replacement		10,000	10,000							
Influent Pump Rebuilds Contribution		50,000	50,000	50,000						
Boiler Rebuilds		50,000	50,000					35,000	35,000	
400 Grit Pump Rebuilds			20,000	20,000	20,000	20,000				
500 Sludge Pumps Rebuild			10,000	10,000	10,000	10,000	10,000			
Chiller Replacement	85,000									100,000
TOTALS	\$ 265,000	\$ 457,000	\$ 445,000	\$ 375,000	\$ 360,000	\$ 250,000	\$ 315,000	\$ 350,000	\$ 305,000	\$ 240,000

Plan Total \$ 3,362,000
Average Annual Requirement \$ 336,200

TEXARKANA WATER UTILITIES

Composting Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	364,087	126,839	427,645	378,491
REVENUE				
Transfer from Revenue Fund	100,000	100,000	100,000	0
Proceeds from Asset Disposal			251,020	
Proceeds from TML-Insur Reimb Plans/Specs				
Interest Income	14,395	6,810	6,391	6,300
TOTAL REVENUE	114,395	106,810	357,411	6,300
TOTAL FUNDS AVAILABLE	478,482	233,649	785,056	384,791
EXPENDITURES				
Skid Steer Sweeper Attachment A/T141901	6,800			
Skid Steer Solid Rubber Tires A/T141902	3,623			
Front end Loader Foam Tires A/T141903	7,635			
Grind/ Dispose of Oversized Green A/T141904	890			
Compost Equip Wear Parts A/T141906	19,251			
Dozer Repair A/T141907	12,638			
Equipment Shed Roof Repair A/T142001		5,000	5,000	
Ton Tote Hopper/Bagger A/T142002		10,000	0	
Compost Operations Building A/T142003		100,000	50,000	50,000
Concrete Pad Repairs A/T142004		15,000	13,700	15,000
Tub Grinder Fire-TML Reimb A/T142005		0	270,699	
Equipment Wear Parts A/T142006		45,000	45,000	45,000
Dozer Repair A/T142007		25,000	16,487	
Compost Site Security Cameras A/T142008			5,678	
TOTAL EXPENDITURES	50,837	200,000	406,564	110,000
ENDING BALANCE	427,645	33,649	378,491	274,791
Transfers from Revenues:				
Arkansas Percentage	37.19%	36.78%	36.78%	36.86%
Arkansas Share	37,190	36,780	36,780	0
Texas Share	62,810	63,220	63,220	0
Total	100,000	100,000	100,000	0
Ending Balances:				
Arkansas	147,399	1,255	129,321	91,097
Texas	280,247	32,395	249,171	183,695
Total	427,645	33,649	378,491	274,791

TEXARKANA WATER UTILITIES

Equipment Acquisition Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	269,283	444,894	556,385	319,243
REVENUE				
Transfer from Revenue Fund	340,381	450,000	450,000	450,000
Other Transfers				
Proceeds from Sale of Assets				
TML Insurance Proceeds	207,201	38,738	38,738	0
Interest Income	13,589	6,725	7,856	7,700
TOTAL REVENUE	561,171	495,463	496,594	457,700
TOTAL FUNDS AVAILABLE	830,453	940,357	1,052,979	776,943
EXPENDITURES				
FY 2019	274,069			
FY 2020		881,796	733,735	
FY 2021				763,823
TOTAL EXPENDITURES	274,069	881,796	733,735	763,823
ENDING BALANCE	556,385	58,561	319,243	13,120
Transfers from Revenue:				
Arkansas Percentage	37.19%	36.78%	36.78%	36.86%
Additional Arkansas Contribution	0	0	0	0
Arkansas Share	<u>126,588</u>	<u>165,510</u>	<u>165,510</u>	<u>92,150</u>
Total Arkansas Contribution	126,588	165,510	165,510	92,150
Additional Texas Contribution	0	0	0	200,000
Texas Share	<u>213,793</u>	<u>284,490</u>	<u>284,490</u>	<u>157,850</u>
Total Texas Contribution	213,793	284,490	284,490	357,850
Total	340,381	450,000	450,000	450,000
Ending Balances:				
Arkansas	228,593	40,624	142,007	3,203
Texas	327,791	17,937	177,236	9,917
Total	556,385	58,561	319,243	13,120

TEXARKANA WATER UTILITIES
EQUIPMENT CAPITAL ITEMS
FY 2019 ACTUAL

Division	Item	Fund	Project #	Qty	2019		Revised Amount
					Budgeted Amount	Changes	
Various	Furniture and Equipment Replacements- 2019	A/T	551901		5,000	(3,869)	1,131
	Total Various				5,000	(3,869)	1,131
210	Desk Replacements	A/T	551902	2	1,630	0	1,630
	Total 210				1,630	0	1,630
230	Generator- 808 Olive St	A/T	551904		30,000	(30,000)	0
	Generator- Fiber Splicing Trailer	A/T	551905		1,500	(1,500)	0
	Total 230				31,500	(31,500)	0
310	Drive-thru Drawer Replacement	A/T	551906		2,500	(2,500)	0
	Total 310				2,500	(2,500)	0
330	Pocket Pro Readers	A/T	551907	2	1,600	(100)	1,500
	Total 330				1,600	(100)	1,500
610	Desk Replacements	A/T	551908	2	1,500	(369)	1,131
	Total 610				1,500	(369)	1,131
612	1/2 Ton Truck	A/T		1	27,705	(27,705)	0
	Hydraulic Concrete Breaker	A/T	551909	1	12,000	(2,375)	9,625
	Tapping Machine	A/T	551910	1	3,000	247	3,247
	Wacker Vibratory Plates	A/T	551928		2,295	0	2,295
	Total 612				45,000	(29,834)	15,166
620	2" Pumps	A/T		3	3,000	(3,000)	0
	3" Pumps	A/T		4	10,400	(10,400)	0
	Locators	A/T		2	2,400	(2,400)	0
	Dump Truck- From Released Reserves	A/T	551916	1		79,436	79,436
	Pipe Push Machine/Trailer-Encumbered in FY18	A/T	551817	1	0	28,800	28,800
	Total 620				15,800	92,436	108,236
630	Tracked Excavator/Trailer-From Released Reserves	A/T	551918	1		73,869	73,869
	Insurance Repl of Diesel Haul Truck 630-105	A/T	551919		7,500	0	7,500
	Total 630				7,500	73,869	81,369
640	Brake Lathe	A/T	551920	1	9,000	(1,255)	7,745
	Engine Jump Starter	A/T	551921	1	2,000	(2,000)	0
	Electronic Lube Meters	A/T	551922	5	3,750	(1,002)	2,748
	Total 640				14,750	(4,257)	10,493
710	400 Series Filing Cabinets (Auto Level-Surveying)	A/T	551923	2	1,400	(1,400)	0
	Trimble GEO 7X/Range Finder	A/T		1	7,170	(7,170)	0
	Total 710				8,570	(8,570)	0
720	1/2 Ton Crew Cab, 4X4	A/T	551925	1	45,000	(8,615)	36,385
	Locators	A/T	551926	2	1,800	(59)	1,741
	Total 720				46,800	(8,674)	38,126
750	Environmental Bldg Roof	A/T	551927	1	6,000	(2,610)	3,390
	Envir Svcs-Replace Equip Destroyed in Fire (TML Rein	A/T	551929		0	6,484	6,484
	Envir Svcs-Remove Debris- Bldg Destroyed in Fire (TN	A/T	551929		0	5,413	5,413
	Total 750				6,000	9,287	15,287
Grand Totals					188,150	85,919	274,069

TEXARKANA WATER UTILITIES
EQUIPMENT CAPITAL ITEMS
FY 2019 ACTUAL

Division	Item	Fund	Project #	2019 Budgeted Amount	Changes	Revised Amount
				Qty		
	61% AR			0	0	0
	100% AR			0	0	0
	100% TX			0	0	0
	Split			188,150	85,919	274,069
	Total			188,150	85,919	274,069
	AR			69,973	31,958	101,931
	TX			118,177	53,961	172,138
	Total FY 2019 Expenditures			188,150	85,919	274,069
	Contributions to Reserves for Identified Future Expenditures Needed					
	AR			132,780	0	132,780
	TX			224,253	0	224,253
	Total FY 2019 Reserve Contributions			357,033	0	357,033
	<i>Release of Reserves for FY 2019 Expenditures</i>					
	AR			(59,547)	0	(59,547)
	TX			(100,453)	0	(100,453)
	Total FY 2019 Reserves Released			(160,000)	0	(160,000)
	Available Ending Balance					
	AR					228,593
	TX					327,791
	Total Available Balance					556,385
	Total Required Reserves at 9/30/19					
						296,743
	Available Balance Excess/(Shortage) over Required Reserves					
						259,642

TEXARKANA WATER UTILITIES
EQUIPMENT CAPITAL ITEMS
FY 2020

Division	Item	Fund	Project #	Qty	2020 Budgeted Amount	Changes	Revised Amount
Various	Furniture and Equipment Replacements- 2020		552001		5,000		5,000
	Total Various				5,000	0	5,000
310	Desk Replacements		2	2	2,075		2,075
	Customer Lobby Flooring		3		4,200		4,200
	Total 310				6,275	0	6,275
612	Mini Track Hoe		4	1	46,000		46,000
	Track hoe Trailer		5	1	10,000		10,000
	Power Pack		6	1	10,000		10,000
	Hydraulic Concrete Breaker		7	1	12,000		12,000
	Hand Held Tapping Machine		8	1	3,200		3,200
	Total 612				81,200	0	81,200
620	Schonstedt Locators		9	2	2,000		2,000
	3" Hydraulic Pumps		10	3	7,800		7,800
	Total 620				9,800	0	9,800
630	Comb. Vac/Jet Truck Repl-Released from Reserves		12	1	384,000		384,000
	Work Zone Traffic Control Devices		13	1	23,000		23,000
	Total 630				407,000	0	407,000
640	Garage Doors-Vac Truck Bldg		14	4	8,000		8,000
	Shop Lighting		15		2,000		2,000
	Total 640				10,000	0	10,000
710	Shredder		16	1	3,300		3,300
	Flow Gauge		17	2	2,500		2,500
	Total 710				5,800	0	5,800
720	Sewer Push Camera/Lights		18		24,000		24,000
	Rain Logging Gauges		19	6	11,100		11,100
	Soldering Station		20	1	600		600
	Total 720				35,700	0	35,700
740	Shared 740/230-SUV		21	1	40,000		40,000
	Shared 740/230-808 Olive Roof Repl-Released from Reserves		22	1	61,200		61,200
	Total 740				101,200	0	101,200
750	Replace Lab Sampler/Dishwasher/Ice Machine		23		9,850		9,850
	Magnetic Locator		24	1	850		850
	Replace Envir Svcs Bldg Destroyed in Fire-Released from Reserv		25		186,448		186,448
	Replace Envir Svcs Bldg Contents Destroyed in Fire-Released fr		26		22,673		22,673
	Total 750				219,821	0	219,821
Grand Totals					881,796	0	881,796

TEXARKANA WATER UTILITIES
EQUIPMENT CAPITAL ITEMS
FY 2020

Division	Item	Fund	Project #	2020		Revised	
				QTY	Budgeted Amount		Changes
	61% AR				0	0	0
	100% AR				0	0	0
	100% TX				0	0	0
	Split				881,796	0	881,796
	Total				881,796	0	881,796
	AR				324,325	0	324,325
	TX				557,471	0	557,471
	Total FY 2020 Expenditures				881,796	0	881,796
	Contributions to Reserves for Identified Future Expenditures Needed						
	AR				134,298	0	134,298
	TX				280,840	0	280,840
	Total FY 2020 Reserve Contributions				415,138	0	415,138
	<i>Release of Reserves for FY 2020 Expenditures</i>						
	AR				(241,857)	0	(241,857)
	TX				(412,464)	0	(412,464)
	Total FY 2020 Reserves Released				(654,321)	0	(654,321)
	Available Ending Balance						
	AR						44,000
	TX						14,561
	Total Available Balance						58,561
	Total Required Reserves at 9/30/20						
							57,560
	Available Balance Excess/(Shortage) over Required Reserves						1,001

TEXARKANA WATER UTILITIES
 Equipment Acquisition Fund
 Accumulated Reserves Detail
 FY 2020

<u>Division</u>	<u>Budgeted Expenditure</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY20 Release to Expend.</u>	<u>Accum Reserve Balance</u>	<u>Future Contrib. Needed</u>
230/740	808 Olive HVAC Systems	7,560					7,560	0
230/740	808 Olive Roof Replacement	20,400	20,400	20,400		(61,200)	0	0
620	Dump Truck Replacement	40,000	40,000				0	0
630	Rubber Tracked Excavator/Trailer Repl	31,750	48,250				0	0
630	Combination Vac/Jet Truck Repl		128,000	256,000		(384,000)	0	0
230	Bucket Truck Replacement		0	50,000	50,000		50,000	50,000
740	Rebuild Fire Destroyed Env Svcs Bldg		97,710	88,738		(186,448)	0	0
740	Replace Env Svcs Bldg Contents		22,673			(22,673)	0	0
TOTALS		99,710	357,033	415,138	50,000	(654,321)	57,560	50,000

**TEXARKANA WATER UTILITIES
EQUIPMENT CAPITAL ITEMS
FY 2020 REVISED**

Division	Item	Fund	Project #	Qty	2020		Revised Amount
					Budgeted Amount	Changes	
Various	Furniture and Equipment Replacements- 2020		552001		5,000	(231)	4,769
	Total Various				5,000	(231)	4,769
310	Desk Replacements		2	2	2,075		2,075
	Customer Lobby Flooring		3		4,200	231	4,431
	Total 310				6,275	231	6,506
612	Mini Track Hoe			1	46,000	(46,000)	0
	Replace F450 Diesel Crew Truck		4	1	0	45,000	45,000
	Track hoe Trailer			1	10,000	(10,000)	0
	Power Pack			1	10,000	(10,000)	0
	Hydraulic Concrete Breaker			1	12,000	(12,000)	0
	Low Boy Haul Trailer, 35 Ton for Trackhoe		5		0	31,550	31,550
	Hand Held Tapping Machine		8	1	3,200	(3,200)	0
	Total 612				81,200	(4,650)	76,550
620	Schonstedt Locators		9	2	2,000	1,722	3,722
	3" Hydraulic Pumps		10	3	7,800	221	8,021
	Total 620				9,800	1,943	11,743
630	Comb. Vac/Jet Truck Repl-Released from Reserves		12	1	384,000	(7,685)	376,315
	Work Zone Traffic Control Devices		13	1	23,000	9,293	32,293
	Total 630				407,000	1,608	408,608
640	Garage Doors-Vac Truck Bldg		14	4	8,000	(8,000)	0
	Shop Lighting		15		2,000		2,000
	Total 640				10,000	(8,000)	2,000
710	Shredder		16	1	3,300	(3,300)	0
	Flow Gauge		17	2	2,500	(2,500)	0
	Total 710				5,800	(5,800)	0
720	Sewer Push Camera/Lights		18		24,000	(24,000)	0
	Rain Logging Gauges		19	6	11,100	(2,500)	8,600
	Soldering Station		20	1	600	(600)	0
	Total 720				35,700	(27,100)	8,600
740	Shared 740/230-SUV		21	1	40,000	11,877	51,877
	Shared 740/230-808 Olive Roof Repl-Released from Reserves		22	1	61,200	(14,643)	46,557
	Total 740				101,200	(2,766)	98,434
750	Replace Lab Sampler/Dishwasher/Ice Machine		23		9,850	(5,960)	3,890
	Magnetic Locator		24	1	850	(268)	582
	Replace Envir Svcs Bldg Destroyed in Fire-Released from Reserv		25		186,448	(74,395)	112,053
	Replace Envir Svcs Bldg Contents Destroyed in Fire-Released frc		26		22,673	(22,673)	0
	Total 750				219,821	(103,296)	116,525
Grand Totals					881,796	(148,061)	733,735

TEXARKANA WATER UTILITIES
 Equipment Acquisition Fund
 Accumulated Reserves Detail
 FY 2020

<u>Division</u>	<u>Budgeted Expenditure</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY20 Release to Expend.</u>	<u>Accum Reserve Balance</u>	<u>Future Contrib. Needed</u>
230/740	808 Olive HVAC Systems	7,560					7,560	0
230/740	808 Olive Roof Replacement	20,400	20,400	20,400		(61,200)	0	0
620	Dump Truck Replacement	40,000	40,000				0	0
630	Rubber Tracked Excavator/Trailer Repl	31,750	48,250				0	0
630	Combination Vac/Jet Truck Repl		128,000	256,000		(384,000)	0	0
230	Bucket Truck Replacement		0	50,000	50,000		50,000	50,000
740	Rebuild Fire Destroyed Env Svcs Bldg		97,710	88,738		(186,448)	0	0
740	Replace Env Svcs Bldg Contents		22,673			(22,673)	0	0
TOTALS		99,710	357,033	415,138	50,000	(654,321)	57,560	50,000

TEXARKANA WATER UTILITIES
EQUIPMENT CAPITAL ITEMS
FY 2021

Division	Item	Fund	Project #	Qty	2021 Budgeted Amount	Changes	Revised Amount
Various	Furniture and Equipment Replacements- 2021		552101		5,000		5,000
	Total Various				5,000	0	5,000
230	Fiber Optic Splicing Trailer			T	26,500		26,500
	Bucket Truck Replacement-(Released from Reserves)			T	100,000		100,000
	Total 230				126,500	0	126,500
330	Replace 1/2T Pickup			1	25,000		25,000
	Total 330				25,000	0	25,000
530	Replace 1/2T Pickup			1	25,000		25,000
	Travel SUV (Replaces 1 Fleet Truck)			1	35,000		35,000
	35 HP 60" Mower			1	9,000		9,000
	Refrigerated Samplers			2	14,000		14,000
	Total 530				83,000	0	83,000
612	Mini Trachoe			1	46,000		46,000
	Track-hoe Trailer			1	10,000		10,000
	Power Pack/pump/hose reels/hoses			1	10,000		10,000
	Hydraulic Concrete Breaker			1	12,000		12,000
	Hand held Tapping Machine			1	3,200		3,200
	Hydro Seeder			1	15,000		15,000
	Crew Truck (Repl ordered in FY20 Since engine blew)			1	45,000	(45,000)	0
	Total 612				141,200	(45,000)	96,200
620	Schonstedt Locator			2	2,000		2,000
	Mini Track-Hoe			1	46,000		46,000
	"6 Pump			1	60,000		60,000
	Hydraulic Power pack			1	10,000		10,000
	Crew truck			1	45,000		45,000
	Total 620				163,000	0	163,000
630	Backhoe			1	105,000		105,000
	Subside locators			2	10,000		10,000
	Total 630				115,000	0	115,000
640	Garage doors on Vac-truck building				10,000		10,000
	Total 640				10,000	0	10,000
710	Shredder			1	3,300		3,300
	FH Flow Gauge			2	1,250		1,250
	Defibrillator			1	1,500		1,500
	Hach Pocket Colorimeter II			1	700		700
	Total 710				6,750	0	6,750
720	Sewer Push Camera			1	20,000		20,000
	Auxillary Lights for CCTV Camera			1	4,000		4,000
	Logging Rain Gauges			6	11,100		11,100
	Professional Soldering Station			1	600		600
	Total 720				35,700	0	35,700
750	Replace Envir Svcs Bldg Destroyed in Fire		552025		75,000		75,000
	Replace Envir Svcs Bldg Contents Destroyed in Fire				22,673		22,673
	Total 750				97,673	0	97,673
	Grand Totals				808,823	(45,000)	763,823

TEXARKANA WATER UTILITIES
EQUIPMENT CAPITAL ITEMS
FY 2021

Division	Item	Fund	Project #	Qty	2021 Budgeted Amount	Changes	Revised Amount
	61% AR				0	0	0
	100% AR				0	0	0
	100% TX				126,500	0	126,500
	Split				682,323	(45,000)	637,323
	Total				808,823	(45,000)	763,823
	AR				250,958	(16,587)	234,407
	TX				557,865	(28,414)	529,416
	Total FY 2021 Expenditures				808,823	(45,000)	763,823
	Contributions to Reserves for Identified Future Expenditures Needed						
	AR				0	0	0
	TX				0	0	0
	Total FY 2021 Reserve Contributions				0	0	0
	<i>Release of Reserves for FY 2021 Expenditures</i>						
	AR				0	0	0
	TX				(100,000)	0	(100,000)
	Total FY 2021 Reserves Released				(100,000)	0	(100,000)
	Available Ending Balance						
	AR						3,203
	TX						9,917
	Total Available Balance						13,120
	Total Required Reserves at 9/30/21						
							7,560
	Available Balance Excess/(Shortage) over Required Reserves						
							5,560

TEXARKANA WATER UTILITIES
 Equipment Acquisition Fund
 Accumulated Reserves Detail
 FY 2021

<u>Division</u>	<u>Budgeted Expenditure</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY21 Release to Expend.</u>	<u>Accum Reserve Balance</u>	<u>Future Contrib. Needed</u>
230/740	808 Olive HVAC Systems					7,560	0
230	Bucket Truck Replacement	50,000	50,000	0	(100,000)	0	0
<hr/>							
TOTALS		50,000	50,000	0	(100,000)	7,560	0

TEXARKANA WATER UTILITIES

Technology Fund

	<i>Actual FY 2019</i>	<i>Proposed FY 2020</i>	<i>Revised FY 2020</i>	<i>Proposed FY 2021</i>
BEGINNING BALANCE	390,598	275,166	391,659	566,275
REVENUE				
Transfer from Revenue Fund	389,800	700,000	700,000	570,000
Other Transfers	0	0	0	0
Reimbursements:				
Miller County	0	22,381	22,381	22,381
TASD	0	0	0	0
TISD	0	0	0	0
Bowie County	55,044	61,017	57,205	57,205
Hosted Services	17,309	0	13,748	14,823
TML Insurance Proceeds	36,000	0	0	0
Interest	10,981	11,285	8,077	8,075
TOTAL REVENUE	509,134	794,683	801,411	672,484
TOTAL FUNDS AVAILABLE	899,733	1,069,849	1,193,070	1,238,759
EXPENDITURES				
FY 2019	508,073			
FY 2020		873,458	626,795	
FY 2021				666,680
TOTAL EXPENDITURES	508,073	873,458	626,795	666,680
ENDING BALANCE	391,659	196,391	566,275	572,079
Transfers from Revenue:				
Arkansas Percentage	37.19%	36.78%	36.78%	36.86%
Additional Arkansas Contribution	0	0	0	0
Arkansas Share	<u>144,967</u>	<u>257,460</u>	<u>257,460</u>	<u>210,102</u>
Total Arkansas Contribution	144,967	257,460	257,460	210,102
Additional Texas Contribution	0	0		
Texas Share	<u>244,833</u>	<u>442,540</u>	<u>442,540</u>	<u>359,898</u>
Total Texas Contribution	244,833	442,540	442,540	359,898
Total	<u>389,800</u>	<u>700,000</u>	<u>700,000</u>	<u>570,000</u>
Ending Balances:				
Arkansas	110,736	45,551	187,546	179,965
Texas	280,923	150,840	378,729	392,114
Total	<u>391,659</u>	<u>196,391</u>	<u>566,275</u>	<u>572,079</u>

TEXARKANA WATER UTILITIES
TECHNOLOGY CAPITAL ITEMS
FY 2019 ACTUAL

Division	Item	Y	Fund	Project #	Qty	2019		Revised Amount
						Budgeted Amount	Changes	
Various	Computer/Technology Replacements- 2019	Y		531901		5,000	(1,909)	3,091
	Total Various					5,000	(1,909)	3,091
110	Create Utility Website- Year 1			531942	1	18,500	(18,500)	0
	iPad Pro	Y		531943		580	(580)	0
	Total 110					19,080	(19,080)	0
230	Maintenance Items							
	PC Replacements for TWU			531803		0.00	1,284	1,284
	Microsoft EA Renewal- Year 1 of 3	Y		531902	1	69,500	(24,356)	45,144
	PC Replacements for TWU	Y		531904		72,100	(25,679)	46,421
	Fiber Splicer-Emergency Replacement	Y	T	531945		0	10,399	10,399
	Subtotal					141,600	(38,351)	103,249
230	Carryover Items							
	FO Project TASD permits/bores-100% Utility portion of Cost		A	531905	1	50,000	59,347	109,347
	VDI Server (Virtual Desktop Infrastructure)			531906	1	8,000	(8,000)	0
	Airfiber for Millwood to I-30 Tank (Phase II of PG Tank Project)		A	531907	1	6,500	(6,500)	0
	CISCO ASA Router for Millwood to I-30 Tank Redundancy)			531908	1	9,800	(9,800)	0
	Internal Segmentation Firewall	Y		531909	1	6,000	(4,703)	1,297
	Subtotal					80,300	30,345	110,645
230	New Projects							
	Data Center Upgrades-Battery Backup/PDU's/Electr.-Encumbered FY18			531816			20,849	20,849
	IBM Server replacement (Current system EOL/EOS)	Y		531944		36,000	(2,725)	33,275
	Utility Security Training / Email phishing tests	Y		531910		16,300	(1,305)	14,995
	MDM solution for TWU mobile devices	Y		531911		2,790	(1,000)	1,790
	Security Door Controller upgrades for TWU (Phase 1 of 3)	Y		531912		8,900	(2,046)	6,854
	Network Switch additions for TWU	Y		531913		20,900	(4,228)	16,672
	Cellular VPN Upgrades for TWU sites	Y		531914		3,600	(148)	3,452
	TWU Anti-virus replacement	Y		531915		5,200	470	5,670
	Cameras and Licenses for 801 Wood St (Phase II of II)			531916		10,750	(10,750)	0
	Rukus ZoneFlex Wireless (Phase 2 of 2)	Y		531917		5,200	(137)	5,063
	Camera Server Replacement (Phase 3 of 3)	Y		531918		15,000	(667)	14,333
	2FA Factor Authentication (for IT Systems)			531919		2,000	(2,000)	0
	PRTG Monitoring System			531920		14,700	(14,700)	0
	Dell Projectors	Y		531921		2,700	(1,112)	1,588
	Battery Backup/PDU's/Electrical (Phase 2 of 3)	Y		531922		15,400	(6,045)	9,355
808 Olive Building Technology Upgrades	Y		531924		8,000	(4,833)	3,167	
	Subtotal					167,440	(30,378)	116,213
	Total 230					389,340	(38,385)	330,106
310	Laser Printer- Billing			531925	1	1,500	(1,500)	0
	Scanners- Billing & Cust Service	Y		531926	3	2,850	(138)	2,712
	Cityworks Upgrade plus UB/GIS Implementation	Y		531923		34,000	(14,845)	19,155
	Laserfiche Public Forms Add-On	Y		531927	1	10,000	(606)	9,394
	Total 310					48,350	(17,089)	31,261
330	Laptops w/Truck Mounts/Netmotion Licenses			531928	2	7,008	(7,008)	0
	Fleet Deployment of CityWorks (Devices/Licenses)			531929		12,000	(12,000)	0
	Tablets w/Truck Mounts/Netmotion Licenses			531930	4	7,720	(7,720)	0
	Total 330					26,728	(26,728)	0
612	iPads	Y		531931	5	5,500	(697)	4,603
	Total 612					5,500	(697)	4,603
710	TerraSync Prof 5.0 Software	Y		531934	1	1,133	(543)	590
	HP Color LaserJet 5550 Printer	Y		531935	1	6,500	(3,400)	3,100
	Presentation Projector/Screen/Laptop			531936	1	3,200	(3,200)	0

TEXARKANA WATER UTILITIES
TECHNOLOGY CAPITAL ITEMS
FY 2019 ACTUAL

Division	Item	Fund	Project #	Qty	2019 Budgeted Amount	Changes	Revised Amount	
	Total 710				10,833	(7,143)	3,690	
720	Field Laptop		531937	1	1,660	(1,660)	0	
	CCTV Van Repl Rack Mount Computer		531938	1	2,500	(2,500)	0	
	iPad		531939	1	500	(500)	0	
	Total 720				4,660	(4,660)	0	
740	Bowie County 2019 Aerial Pictometry (100% Reimbursed by BCAD)	Y	T	531940	1	61,017	(1,600)	59,418
	Miller County 2019 Aerial Pictometry (Partially Reimb. by MC Tax Assessor Ofc	Y	A	531941	1	39,448		39,448
	Main GIS Plotter Replacement	Y		531932	1	6,500	24	6,524
	Office Printer Replacement	Y		531933	1	3,500	(300)	3,200
	DJI Phantom 4 Pro Drone (Accrued in FY18)			531927	1	2,800	(665)	2,135
	Total 740				113,265	(2,540)	110,725	
750	Plotter	Y		531947	1	0	3,748	3,748
	Total 750				0	3,748	3,748	
	Grand Total				622,756	(114,683)	508,073	

100% AR	95,948	52,847	148,795
100% TX	61,017	8,799	69,816
Split	465,791	(176,329)	289,462
Total	622,756	(114,683)	508,073

AR	269,455	(13,006)	256,449
TX	353,301	(101,677)	251,624
Total FY 2019 Expenditures	Total 622,756	(114,683)	508,073

Contributions to Reserves for Identified Future Expenditures Needed			
AR	32,634	0	32,634
TX	55,116	0	55,116
Total FY 2019 Reserve Contributions	87,750	0	87,750

Release of Reserves for FY 2019 Expenditures			
AR	0	0	0
TX	0	0	0
Total FY 2019 Reserves Released	0	0	0

Available Ending Balance			
AR			110,736
TX			280,923
Total Available Balance			391,659

Total Required Reserves at 9/30/19			185,250
Available Balance Excess/(Shortage) over Required Reserves			206,409

**TEXARKANA WATER UTILITIES
TECHNOLOGY CAPITAL ITEMS
FY 2020**

Division	Item	Project	Fund	Qty	2020 Budgeted Amount
Various	Computer/Technology Replacements- 2020	532001			5,000
	Total Various				5,000
110	Create Utility Website- Year 1	532002			21,000
	Surface Book 2	532003			2,100
	Total 110				23,100
210	Document Scanners	532004		2	1,850
	Cordless VOIP Phone	532005			1,500
	All-In-One Printer/Copier/Scanner	532006		1	3,000
	Laserfiche Forms Professional Services	532007			3,600
	Total 210				9,950
230	Maintenance Items				
	Release from Reserves-Cisco Infrastr Repl- Year 5 of 5 Year Repl	532008			162,500
	Replacement and new PCs for TWU	532009			40,900
	Security Training / Email phishing tests (Year 2)	532010			15,500
	MDM solution for TWU mobile devices	532011			2,790
	TWU Anti-virus Licenses (Carbon Black)	532012			19,950
	Nutanix Warranty extension/renewal (For Server cluster)	532013			27,000
	CityWorks Annual Maintenance	532014			38,000
	Subtotal				306,640
230	Carryover Items				
	PRTG Monitoring System	532015			14,700
	Tablets w/Truck Mounts/Netmotion Licenses	532016			7,720
	Laptops/w Truck Mounts/Netmotion Licenses	532017			7,008
	Fleet Deployment of CityWorks (Devices/Licenses)	532018			12,000
	Subtotal				41,428
230	New Projects				
	VDI Server (Virtual Desktop Infrastructure) revised	532019			26,000
	Cameras and licenses for Inventory (replacement)	532020			4,000
	Battery Backup/PDU's/Electrical (Phase 3 of 3)	532021			15,400
	808 Olive Building Technology Upgrades	532022			8,000
	HDD/SDD Disposal equipment	532023			6,000
	Fiber Optic OTDR and Generator	532024	T		23,000
	SIEM Data management server	532025			21,000
	External Security Firewall Replacement	532026			25,000
	Subtotal				128,400
	Total 230				476,468
310	Scanner				925
	Cashier Check Scanners				800
	Total 310				1,725
330	Laserfiche Forms Professional Services				2,400
	Total 330				2,400
530	Ipads for Lift Station Data Collection			2	1,600
	Total 530				1,600

**TEXARKANA WATER UTILITIES
TECHNOLOGY CAPITAL ITEMS
FY 2020**

Division	Item	Project	Fund	Qty	2020 Budgeted Amount
620	Multifunction Copier/Printer			1	3,000
	Total 620				3,000
640	New Fuel System Software/Hardware for Fleet- Phase I				35,000
	Insite HD Communication Kit for Vac/Dump/Haul Trucks				5,000
	Total 640				40,000
710	Surface Book 2			1	2,100
	Engineering Flat File Digitization-Phase 1				56,000
	Total 710				58,100
720	IT Pipes Web/IT Pipes Mobile				22,750
	Total 720				22,750
740	Bowie County 2019 Aerial Pictometry (100% Reimbursed by BCAD)		T		61,017
	Miller County 2019 Aerial Pictometry (Partially Reimb by MC Tax Assessor Ofc)		A		39,448
	GIS infrastructure upgrades/services (NewEdge)				11,700
	BCAD Computer replacements		T		2,100
	TV/mini computer for GIS lobby				1,300
	GIS Technician Phone / IPAD				1,100
	TNRIS - Aerial Photography Gap data				6,000
	Garmin Virb XE camera				350
	ArcPro migration services and training (ArcMap desktop replacement)				8,000
	GIS Application upgrades for online portal (GeoJobe & Pictometry)				5,500
	City Works (Phase 2)				35,000
	Backup Server for GIS data/VMs				18,000
	Total 740				189,515
750	Technology Equipment Replacements from Fire				36,000
	IPAD Pro for Manager				850
	Bad Elf GNSS Surveyor				3,000
	Total 750				39,850
	Grand Total				873,458
				100% AR	39,448
				100% TX	86,117
				Split	747,893
				Total	873,458
				AR	318,038
				TX	555,420
	Total FY 2020 Expenditures			Total	873,458

TEXARKANA WATER UTILITIES
 TECHNOLOGY CAPITAL ITEMS
 FY 2020

Division	Item	Project	Fund	Qty	2020 Budgeted Amount
	Contributions to Reserves for Identified Future Expenditures Needed				
	AR				83,767
	TX				143,983
	Total FY 2020 Reserve Contributions				227,750
	<i>Release of Reserves for FY 2020 Expenditures</i>				
	AR				(60,333)
	TX				(102,167)
	Total FY 2020 Reserves Released				(162,500)
	Available Ending Balance				
	AR				45,551
	TX				150,840
	Total Available Balance				196,391
	Total Required Reserves at 9/30/20				195,250
	Available Balance Excess/(Shortage) over Required Reserves				1,141

TEXARKANA WATER UTILITIES
 Technology Fund
 Accumulated Reserves Detail
 FY 2020

<u>Division</u>	<u>Budgeted Expenditure</u>	<u>FY16</u>	<u>FY17</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>Required</u>		
									<u>Release to</u>	<u>Accum</u>	<u>Future</u>
									<u>Expend.</u>	<u>Balance</u>	<u>Needed</u>
230	Cisco Infrast Repl- Year 5 of 5 Yr Repl Cycle	32,500	32,500	32,500	32,500	32,500			(162,500)	0	0
230	Microsoft EA Renewal- Year 2-3					55,250	55,250		0	55,250	55,250
210	Select Financial Software Repl- Year 1 of 3					140,000	140,000	140,000		140,000	280,000
TOTALS		32,500	32,500	32,500	32,500	227,750	195,250	140,000	(162,500)	195,250	335,250

TEXARKANA WATER UTILITIES
TECHNOLOGY CAPITAL ITEMS
FY 2020 REVISED

Division	Item	Project	Fund	Qty	2020		Revised Amount
					Budgeted Amount	Changes	
Various	Computer/Technology Replacements- 2020	532001			5,000	(2,000)	3,000
	Total Various				5,000	(2,000)	3,000
110	Create Utility Website- Year 1	532003	Y		21,000	(14,253)	6,748
	Surface Book 2				2,100		2,100
	Total 110				23,100	(14,253)	8,848
210	Document Scanners	532002	Y	2	1,850	(52)	1,798
	Cordless VOIP Phone	532005	Y		1,500		1,500
	All-In-One Printer/Copier/Scanner	532006	Y	1	3,000		3,000
	Laserfiche Forms Professional Services	532007			3,600		3,600
	Total 210				9,950	(52)	9,898
230	Maintenance Items						
	Release from Reserves-Cisco Infrastr Repl- Year 5 of 5 Year Repl C	532008			162,500	(156,200)	6,300
	Rev Released from Reserves-Cisco Infrastr Repl- Year 5 of 5 Year Repl Cycle				(162,500)	162,500	0
	Replacement and new PCs for TWU	532009	Y		40,900	(5,000)	35,900
	Security Training / Email phishing tests (Year 2)	532010	Y		15,500	(4)	15,496
	MDM solution for TWU mobile devices	532011			2,790	(2,790)	0
	TWU Anti-virus Licenses (Carbon Black)	532012	Y		19,950	(6)	19,944
	Nutanix Warranty extension/renewal (For Server cluster)	532013	Y		27,000	14,000	41,000
	CityWorks Annual Maintenance	532014	Y		38,000	(3,300)	34,700
	Released from Reserves-Microsoft EA Renewal- Year 2-3	532027	Y		0	55,250	55,250
	Subtotal				144,140	64,450	208,590
230	Carryover Items						
	PRTG Monitoring System	532015			14,700	(14,700)	0
	Tablets w/Truck Mounts/Netmotion Licenses	532016	Y		7,720	0	7,720
	Laptops/w Truck Mounts/Netmotion Licenses	532017			7,008	(7,008)	0
	Fleet Deployment of CityWorks (Devices/Licenses)	532018			12,000	(12,000)	0
	Subtotal				41,428	(33,708)	7,720
230	New Projects						
	VDI Server (Virtual Desktop Infrastructure) revised	532019			26,000	(26,000)	0
	Cameras and licenses for Inventory (replacement)	532020	Y		4,000	(2,250)	1,750
	Battery Backup/PDU's/Electrical (Phase 3 of 3)	532021			15,400	(15,400)	0
	808 Olive Building Technology Upgrades	532022	Y		8,000		8,000
	HDD/SDD Disposal Equipment	532023			6,000	(331)	5,669
	Fiber Optic OTDR and Generator	532024	Y	T	23,000	(10,000)	13,000
	SIEM Data Management Server	532025			21,000	(21,000)	0
	External Security Firewall Replacement	532026	Y		25,000	(1,566)	23,434
	Subtotal				128,400	(76,547)	51,853
	Total 230				313,968	(45,805)	268,163
310	Scanner	532004			925	(26)	899
	Cashier Check Scanners	28	Y		800	(34)	766
	Total 310				1,725	(60)	1,665
330	Laserfiche Forms Professional Services	29			2,400		2,400
	Total 330				2,400	0	2,400
530	Ipads for Lift Station Data Collection	30		2	1,600		1,600
	Total 530				1,600	0	1,600
620	Multifunction Copier/Printer	31		1	3,000		3,000

TEXARKANA WATER UTILITIES
TECHNOLOGY CAPITAL ITEMS
FY 2020 REVISED

Division	Item	Project	Y	Fund	Qty	2020		Revised Amount	
						Budgeted Amount	Changes		
	Total 620					3,000	0	3,000	
640	New Fuel System Software/Hardware for Fleet- Phase I	32				35,000	(35,000)	0	
	Insite HD Communication Kit for Vac/Dump/Haul Trucks	33				5,000		5,000	
	Total 640					40,000	(35,000)	5,000	
710	Surface Book 2	34			1	2,100		2,100	
	Engineering Flat File Digitization-Phase 1	35				56,000	(5,716)	50,284	
	Trimble GEO Handheld GPS Unit	52					5,716	5,716	
	Total 710					58,100	0	58,100	
720	IT Pipes Web/IT Pipes Mobile	36				22,750	2,500	25,250	
	Total 720					22,750	2,500	25,250	
740	Bowie County 2019 Aerial Pictometry (100% Reimbursed by BCAD)	37	Y	T		61,017	(1,599)	59,418	
	Miller County 2019 Aerial Pictometry (Partially Reimb by MC Tax As	38		A		39,448	103	39,551	
	GIS infrastructure upgrades/services (NewEdge)	39	Y			11,700		11,700	
	BCAD Computer replacements	40	Y	T		2,100	404	2,504	
	TV/mini computer for GIS lobby	41				1,300	(1,300)	0	
	GIS Technician Phone / IPAD	42	Y			1,100	(88)	1,012	
	TNRIS - Aerial Photography Gap data	43				6,000	(6,000)	0	
	Garmin Virb XE camera	44				350	(350)	0	
	ArcPro migration services and training (ArcMap desktop replaceme	45				8,000	(8,000)	0	
	GIS Application upgrades for online portal (GeoJobe & Pictometry)	46	Y			5,500	(2,000)	3,500	
	City Works (Phase 2)	47	Y			35,000		35,000	
	Backup Server for GIS data/VMs	48	Y			18,000	(2,476)	15,524	
	Total 740					189,515	(21,306)	168,209	
750	Technology Equipment Replacements from Fire	49				36,000	0	36,000	
	IPAD Pro for Manager	50	Y			850	2,532	3,382	
	Bad Elf GNSS Surveyor	51	Y			3,000	(1,340)	1,660	
	Water GEMS w/Sewer GEMS Upgrade	53	Y			0	30,620	30,620	
	Total 750					39,850	31,812	71,662	
	Grand Total					710,958	(84,163)	626,795	
						100% AR	39,448	(24,184)	15,524
						100% TX	86,117	(1,599)	59,418
						Split	585,393	(58,379)	551,854
						Total	710,958	(84,163)	626,795
	AR					AR	257,507	(45,656)	211,851
	TX					TX	453,451	(38,506)	414,945
	Total FY 2020 Expenditures					Total	710,958	(84,163)	626,795
	Contributions to Reserves for Identified Future Expenditures Needed								
	AR						83,767	0	83,767
	TX						143,983	0	143,983
	Total FY 2020 Reserve Contributions						227,750	0	227,750

TEXARKANA WATER UTILITIES
 TECHNOLOGY CAPITAL ITEMS
 FY 2020 REVISED

Division	Item	Project	> Fund	Qty	2020 Budgeted Amount	Changes	Revised Amount
<i>Release of Reserves for FY 2020 Expenditures</i>							
	AR				(60,333)	37,695	(22,638)
	TX				(102,167)	63,255	(38,912)
	Total FY 2020 Reserves Released				(162,500)	100,950	(61,550)
Available Ending Balance							
	AR				187,546		
	TX				378,729		
	Total Available Balance				566,275		
	Total Required Reserves at 9/30/20				296,200		
Available Balance Excess/(Shortage) over Required Reserves					270,075		

TEXARKANA WATER UTILITIES
 Technology Fund
 Accumulated Reserves Revised Detail
 FY 2020

<u>Division</u>	<u>Budgeted Expenditure</u>	<u>FY16</u>	<u>FY17</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>Required</u>		
									<u>FY20</u>	<u>Accum</u>	<u>Future</u>
									<u>Release to</u>	<u>Reserve</u>	<u>Contrib.</u>
									<u>Expend.</u>	<u>Balance</u>	<u>Needed</u>
230	Cisco Infrast Repl- Year 5 of 5 Yr Repl Cycle	32,500	32,500	32,500	32,500	32,500			(6,300)	156,200	0
230	Microsoft EA Renewal- Year 2-3					55,250	0		(55,250)	0	0
210	Select Financial Software Repl- Year 1 of 3					140,000	140,000	140,000		140,000	280,000
TOTALS		32,500	32,500	32,500	32,500	227,750	140,000	140,000	(61,550)	296,200	280,000

TEXARKANA WATER UTILITIES
TECHNOLOGY CAPITAL ITEMS
FY 2021

Division	Item	Project	Fund	Qty	2021
					Budgeted Amount
Various	Computer/Technology Replacements- 2021	532101			5,000
	Total Various				5,000
110	Finish Utility Website- Year 1				13,144
	Total 110				13,144
230	Maintenance Items				
	Microsoft EA Renewal (Year 3 of 3 renewal)				55,250
	Cisco Infrastructure Replacement				9,000
	PC / UPS / Monitor Replacements for TWU				30,500
	Security Training / Email phishing tests TX/TWU				11,150
	TWU Anti-virus Licenses (Carbon Black)				23,681
	Cityworks Annual Maintenance				51,000
	Subtotal				180,581
230	Carryover Items				
	SIEM Data management server				21,000
	Battery Backup/PDU's/Electrical (Phase 3 of 3)				15,400
	VDI Server (Virtual Desktop Infrastructure) revised				26,000
	PRTG Monitoring System				14,700
	Laptops/w Truck Mounts/Netmotion Licenses				7,008
	Fleet Deployment of CityWorks (Devices/Licenses)				12,000
	ArcPro migration services and training (ArcMap desktop replacement)				8,000
Subtotal				104,108	
230	New Projects				
	808 Olive Building Technology Upgrades				8,000
	Water Tower Camera replacements				4,000
	IT Toolkits for Data centers / Fiber Optic crew				3,700
	TWU Offline Backup server				17,000
Subtotal				32,700	
Total 230				317,389	
310	Newedge Integration Services for CUSI with Cityworks				17,500
	Replace Billing Printer				750
	Replace Scanners				5,880
Total 310				24,130	
640	New Fuel system for fleet with software/hardware (Phase I)				35,000
	Total 640				35,000
710	Engineering Flat File Digitization-Phase II				10,000
	Upgrade InfoWater Suite to InfoWater Pro/Arc Pro				35,000
	Total 710				45,000
740	Bowie County 2019 Aerial Pictometry (100% Reimbursed by BCAD)		T		61,017
	Miller County 2019 Aerial Pictometry (Partially Reimb by MC Tax Assessor Of A		A		40,000
	City Works (Phase III)				35,000
	NewEdge UniqueID Tool				5,000
	ArcGIS migration services and training				10,000
TNRIS Aerial Photo GAP				6,000	

TEXARKANA WATER UTILITIES
TECHNOLOGY CAPITAL ITEMS
FY 2021

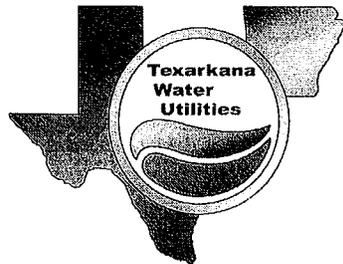
Division	Item	Project Fund Qty	2021 Budgeted Amount
	Utility Network Readness Assessment - GISinc		25,000
	Cityworks eURL Module (Dashboard and Insights)		5,000
	GIS GeoNetwork Valve Isolation Tool - GISinc (For operations)		10,000
	Total 740		197,017
750	Aquatic Informatics (TOKAY Upgrade)		10,000
	Linko Software (Upgrade to add GT tracking to PT features)		20,000
	Total 750		30,000
	Grand Total		666,680
		100% AR	40,000
		100% TX	61,017
		Split	565,663
		Total	666,680
	AR	AR	248,503
	TX	TX	418,176
	Total FY 2021 Expenditures	Total	666,680
	Contributions to Reserves for Identified Future Expenditures Needed		
	AR		101,365
	TX		173,635
	Total FY 2021 Reserve Contributions		275,000
	<i>Release of Reserves for FY 2021 Expenditures</i>		
	AR		0
	TX		0
	Total FY 2021 Reserves Released		0
	Available Ending Balance		
	AR		179,965
	TX		392,114
	Total Available Balance		572,079
	Total Required Reserves at 9/30/21		571,200
	Available Balance Excess/(Shortage) over Required Reserves		879

TEXARKANA WATER UTILITIES
 Technology Fund
 Accumulated Reserves Detail
 FY 2021

<u>Division</u>	<u>Budgeted Expenditure</u>	<u>FY16</u>	<u>FY17</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>	<u>FY21 Release to Expend.</u>	<u>Required</u>	
											<u>Balance</u>	<u>Future Contrib. Needed</u>
210	Select Financial Software Repl- Year 2 of 3					140,000	140,000	140,000		0	280,000	140,000
230	Cisco Infrast Repl- Year 5 of 5 Yr Repl Cycle	32,500	32,500	32,500	32,500	26,200				0	156,200	0
230	Nutanix Server Cluster Replacement						135,000	135,000	60,000	0	135,000	195,000
TOTALS		32,500	32,500	32,500	32,500	221,450	275,000	275,000	60,000	0	571,200	335,000

Section IV

Operating Budgets



Administration - 110

DESCRIPTION:

Texarkana Water Utilities is a joint department of the Cities of Texarkana, Arkansas and Texarkana, Texas which provides water and sewer services to both cities and the surrounding area. The Utility also provides solid waste billing and computer networking and maintenance to both Cities. Vehicle maintenance is provided to the Arkansas Police, Fire and Public Works Department as well as for Texarkana Municipal Airport. In addition, compost sales, green waste disposal, residential motor oil disposal and bacteriological water testing is offered to local citizens and nearby municipalities. The Utility performs functions of capital budgeting and planning, system operations, maintenance, engineering design, engineering planning, finance and administration independent of the two cities, yet in conjunction with city activities. The Administration Division is responsible for all departmental activities.

FOCUS:

This program focuses on the following: to provide administration guidance to all departmental divisions and coordinate efforts to provide quality water and sewer service to Texarkana, Arkansas and Texas and surrounding area; to provide focus, planning and leadership to a program to improve existing Utility infrastructure; to lead the Utility in a program to improve the quality of customer service by upgrading the timeliness, courtesy and accuracy of the service; to continue to improve and expand the bi-city computer network and services; also to continue to improve interdivisional and intercity communication and cooperation; and to accomplish this goal by providing all divisions with all aspects of customer relations training.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
Executive Director	14	1	1
◇ Administrative Coordinator	6	1	1
◇ Custodian/Courier	1	0	0
◇ Finance Director	13	1	1
◇ Senior Accountant	8	1	1
◇ Assistant Director	13	1	1

TEXARKANA WATER UTILITIES

ADMINISTRATION- 110

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
EXPENDITURES				
Personal Services	509,287	544,186	512,860	513,094
Supplies	7,889	7,880	27,922	37,765
Repairs & Maintenance	22,787	22,575	22,575	22,575
Contractual Services	16,180	14,285	14,089	14,655
Capital Outlay				
TOTAL	556,143	588,926	577,446	588,089

PERSONAL SERVICES

511100	Supervision	260,347	262,332	262,332	261,912
511300	Clerical	101,246	107,168	103,100	102,468
511411	Maintenance & Oper	10,400	20,950	1,762	
511412	M & O Overtime		250	409	
511523	Pay Out Comp Time				
511611	Temporary Labor	11,109		317	
511811	Stipend				
512111	Longevity	4,464	4,698	4,698	4,932
512112	Group Insurance	33,334	39,567	36,292	35,773
512114	Retirement	61,283	63,689	60,595	60,169
512115	Social Security	28,555	30,152	28,756	28,512
512116	Workmen's Comp	1,802	1,644	1,644	1,182
512118	Employee Screening	34			
512121	Certification/License Pay	554		3,600	3,600
512100	Education & Training	8,590	13,736	9,355	14,546
519999	Sal & Benefit Transfers	(12,431)			
TOTAL		509,287	544,186	512,860	513,094

SUPPLIES

521100	Office Supplies	3,130	3,530	3,286	3,550
521200	Operating Supplies	630	625	630	630
521311	Botanical Supplies				
521411	Personal Protective Equip	86			
521416	Emergency/Disaster			250	
521911	Uniform Cost	202	325	145	145
521912	Uniform Maintenance				
521913	All Weather Gear				
522300	Laundry & Janitorial	3,841	3,400	23,611	33,440
522500	Lab & Photo Sup & Exp				
522700	Printing				

TEXARKANA WATER UTILITIES

ADMINISTRATION- 110

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
TOTAL	7,889	7,880	27,922	37,765
<u>REPAIRS & MAINTENANCE</u>				
531111 Office Machines & Eq	90	75	75	75
532100 Building	22,675	22,500	22,500	22,500
TOTAL	22,787	22,575	22,575	22,575
<u>CONTRACTUAL SERVICES</u>				
541311 Communications	1,130	2,200	1,500	2,000
541711 Equipment Rental				
544211 Freight Charges				
543111 Garbage Hauling	1,612	1,875	1,863	1,875
543400 Insurance	3,186	3,260	3,013	3,030
543900 Legal				
544100 Maintenance Contracts	7,315	4,000	4,763	4,800
544900 Postage	2	10	10	10
545700 Special Services	435	440	440	440
545719 Other Special Services	2,500	2,500	2,500	2,500
TOTAL	16,180	14,285	14,089	14,655
<u>CAPITAL OUTLAY</u>				
551111 Furniture & Fixtures				
TOTAL				
TOTAL BUDGET	556,143	588,926	577,446	588,089
62.80% Texas				369,331
37.20% Arkansas				218,758
				588,089

Accounting/Personnel - 210

DESCRIPTION:

The Accounting Division is a unit engaged in the collection, recording and distribution of financial data within the Utility. This division is responsible for all accounting services which include Cash and Investment Management, Payroll, Human Resources, Purchasing, Fuel Station Operations, Warehouse Inventory, Asset Depreciation/Management, Accounts Payable and Accounts Receivable. This department prepares and maintains accounting procedures for a complex accounting system comprised of eight (8) separate entities in accordance with management directives and corresponding principles and regulations. The entities include the Water Utilities Department for the Cities of Texarkana Texas and Texarkana, Arkansas, Lake Texarkana Water Supply Corporation, Graphic Packaging Company-Water Funds, Mandeville, Union, Leary Water Systems and Miller County Public Water Authority. This division supervises a materials and supplies warehouse where an inventory is maintained, and stock items are purchased and issued to other divisions within the Utility. The Utilities Fueling Station is operated and maintained in accordance with all legal requirements and/or policies. In addition, the division provides all Payroll and Human Resource services that include processing a bi-weekly payroll for approximately 168 employees, benefits administration, worker's compensation, job postings and new employee orientation while maintaining all past and present Utility Personnel records. We compile, calculate and prepare data for billing of fuel, vehicle maintenance, Internet service, IT service calls and other materials and equipment expenses to various City and County offices.

FOCUS:

The primary focus of the Accounting Division is to provide prompt and courteous service to both internal and external customers. We process, record and summarize external transactions and inter-fund activities in an accurate and timely manner. The Accounting Division provides technical accounting support and assistance to all divisions within the Utility. We continuously seek to integrate modern technology to increase operational efficiency.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
◇ Accounting Supervisor	8	1	1
◇ Purchasing Agent II	5	1	1
◇ Purchasing Agent I	5	1	1
◇ Payroll/Benefits Administrator	6	1	1
◇ Senior Accounting Clerk	5	1	1
◇ Accounting Clerk II (frozen)	5	0	0

TEXARKANA WATER UTILITIES

ACCOUNTING / PERSONNEL- 210

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	276,307	286,968	275,962	277,216
Supplies	14,316	16,660	12,560	14,535
Repairs & Maintenance	4,697	4,737	373	3,713
Contractual Services	125,471	154,620	141,155	158,945
Capital Outlay				
TOTAL	420,791	462,985	430,050	454,409

PERSONAL SERVICES

511100	Supervision		38,080	22,112	37,960
511311	Clerical	143,107	153,000	147,500	150,400
511312	Overtime	4,149	3,000	3,761	3,000
511523	Payout-Comp Time	179			
511611	Temporary Labor	57,142		23,580	
511811	Stipend				
512111	Longevity	1,740	1,980	1,980	2,220
512112	Group Insurance	26,172	38,776	28,934	29,784
512114	Retirement	24,564	31,581	28,670	31,557
512115	Social Security	11,377	14,998	13,606	14,962
512116	Workmen's Comp	1,303	1,177	1,138	1,173
512118	Employee Screening		41	41	41
512121	Certification/License Pay	1,808		2,500	2,000
512100	Education & Training	4,766	4,335	2,140	4,120
TOTAL		276,307	286,968	275,962	277,216

SUPPLIES

521100	Office Supplies	10,736	10,445	8,800	9,320
521200	Operating Supplies	320	700	450	700
521400	Safety Supplies & Equip	781	3,015	1,010	2,015
521700	Minor Tools				
521911	Uniform Cost	558	600	600	600
521912	Uniform Maintenance				
522300	Laundry & Janitorial	305	300	300	300
522700	Printing	1,616	1,600	1,400	1,600
TOTAL		14,316	16,660	12,560	14,535

REPAIRS & MAINTENANCE

531111	Office Machines & Eq				
531200	Motor Vehicles				
531700	Machinery & Equip	4,697	4,637	273	3,613

TEXARKANA WATER UTILITIES

ACCOUNTING / PERSONNEL- 210

		<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
532100	Building R & M		100	100	100
TOTAL		4,697	4,737	373	3,713

CONTRACTUAL SERVICES

541111	Accounting & Audit	39,773	42,500	42,500	45,000
541311	Communications	19,190	24,000	21,000	23,000
541900	Fees and Permits	75	80	75	75
543400	Insurance	1,820	1,840	1,740	1,890
543900	Legal	4,144	6,000	5,000	6,000
544100	Maintenance Contracts	51,346	68,000	68,000	79,700
544900	Postage				
545200	Power Purchases	2,979	3,000	2,840	3,280
545719	Special Services	6,144	9,200		
TOTAL		125,471	154,620	141,155	158,945

CAPITAL OUTLAY

551111	Furniture & Fixtures				
551113	Mobile Equipment				
551114	Machinery & Equipment				
551115	Communication Equip				
551117	Buildings & Facilities				
551121	Software				
TOTAL					

TOTAL BUDGET

420,791	462,985	430,050	454,409
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61.83%	Texas	280,951
36.18%	Arkansas	164,415
0.40%	Mandeville	1,808
1.59%	Union	7,234
		454,409

Information Technology - 230

DESCRIPTION:

Information Technology is an internal division that supports all departments and divisions for both cities, TWU and Bowie County. Our customer base is 1,000+ end-users and 48 locations. We continually research and make recommendation on all IT related hardware and software requests for purchase. We provide enterprise and departmentalized IT services. These IT services include, but are not limited to, installing and maintaining servers, system administration, security, networking, email services, internet access, database design, web site development, controlled access door system, video surveillance implementation, network wiring, wireless, fiber optics, public wireless access at selected city sites, IT work order system, electronic recycling, along with providing continual support for troubleshooting and repairing technical hardware and software. Training, on-site-remote technical support, third party application deployment and maintenance and remote access connectivity for authorized users/sites and continuously work with other public entities on technological projects.

FOCUS:

Implement technological improvements to maintain a high quality of service in the best cost-effective method to achieve performance efficiency for the entire network. Improve documentation and training to create a tech friendly environment. Our goal is to provide a valuable service for all end users to help promote opportunities toward increasing work productivity as well as increasing time efficiency.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
IT Manager	12	0	1
◇ IT Specialist	11	1	2
◇ IT Technician	6	5	5
◇ Project Manager	11	1	1
◇ Fiber Optic Technician	8	2	2
◇ IT/GIS Administration Clerk	5	1	1

TEXARKANA WATER UTILITIES

INFORMATION TECHNOLOGY-230

	<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
<u>EXPENDITURES</u>				
Personal Services	813,982	987,261	792,180	941,637
Supplies	17,101	31,110	21,830	29,910
Repairs & Maintenance	30,957	35,810	22,030	35,785
Contractual Services	137,429	173,391	164,231	173,421
Capital Outlay				
TOTAL	999,469	1,227,572	1,000,271	1,180,753

PERSONAL SERVICES

511100	Supervision	107,792	114,195	110,237	114,045
511311	Clerical	17,374	17,725	17,725	17,650
511312	Overtime	12			
511411	Maintenance & Oper	416,457	531,194	396,136	498,514
511412	Overtime	12,658	8,000	9,702	8,000
511414	Standby Pay				
511611	Temporary Labor	12,146	5,800	18,403	5,800
512111	Longevity	4,350	4,860	3,540	3,690
512112	Group Insurance	80,660	111,267	87,754	103,972
512114	Retirement	91,217	108,882	87,128	104,054
512115	Social Security	42,784	51,712	41,348	49,335
512116	Workmen's Comp	1,652	1,426	1,712	1,377
512118	Employee Screening	261	200	41	200
512121	Certification/License Pay	1,808		3,154	3,000
512100	Education & Training	24,811	32,000	15,300	32,000
519998	Sal & Ben Transfers In				
519999	Sal & Ben Transfers Out				
TOTAL		813,982	987,261	792,180	941,637

SUPPLIES

521100	Office Supplies	5,453	14,210	9,180	13,010
521200	Operating Supplies	8,985	13,000	9,300	13,000
521400	Safety Supplies & Equip	220	450	800	450
521700	Minor Tools	866	850	650	850
521900	Wearing Apparel	1,569	2,400	1,900	2,400
522300	Laundry & Janitorial	8	200		200
TOTAL		17,101	31,110	21,830	29,910

TEXARKANA WATER UTILITIES

INFORMATION TECHNOLOGY-230

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
	<i>18-19</i>	<i>19-20</i>	<i>19-20</i>	<i>20-21</i>
<u>REPAIRS & MAINTENANCE</u>				
531111	Office Machines & Equip			
531200	Motor Vehicle R & M	3,848	9,675	8,150
531700	Machinery & Equipment	366	1,435	2,935
532100	Building R & M	1,177	2,000	2,000
532113	Grounds & Parking	2,600	2,700	2,700
532200	Communications Infr R & M	22,966	20,000	20,000
539999	Equipment Apportionment			
TOTAL		30,957	35,810	35,785
<u>CONTRACTUAL SERVICES</u>				
541311	Communications	8,478	10,100	10,100
541700	Rental			
542411	Freight Charges			
543111	Garbage Hauling			
543400	Insurance	6,186	6,205	5,955
544100	Maintenance Contracts	109,621	144,941	144,941
544900	Postage	762	600	600
545200	Power Purchases	11,557	10,520	10,800
545700	Special Services	825	1,025	1,025
TOTAL		137,429	173,391	173,421
<u>CAPITAL OUTLAY</u>				
551111	Furniture & Equipment			
TOTAL				
TOTAL BUDGET		999,469	1,227,572	1,000,271
68.71%	Texas			811,304
31.29%	Arkansas			369,449
				1,180,753

Customer Service - 310

DESCRIPTION:

The Customer Service Division provides daily assistance to customers and is responsible for the billing, printing and mailing of more than 25,000 bills for water, sewer and/or refuse charges, as well as handling payments, collections and being a call center for the Utility. Customer Service Specialists process more than 20,000 payments each month, a large number of which are brought directly into the office by our customers. Payment options currently include in person, online, by phone, electronic through personal bank accounts and a new mobile app has been created. Another 500 to 1,000 customers request additional service and are worked with one-on-one by our highly trained staff. The Utility receives an average of 400 calls daily from citizens with questions related to Utility services or other City services. Calls on Utility related subjects such as service availability, water quality, leaks, mapping, computer services and dozens of others are directed to one of more than 20 different divisions within the Utility. Because we know every call is important, Customer Service also directs questions or calls on other City matters to appropriate departments within the two Texarkanas.

Texarkana Water Utilities recognizes the benefits of excellent customer service and provides opportunities for employees to attend seminars and workshops to receive additional training.

FOCUS:

The primary focus of this division can be found in our name "Customer Service". We strive to offer timely, accurate, efficient service to our customers and work very closely with other divisions of the Utility to ensure quality customer service is achieved. Being the primary link between the citizens of Texarkana and the rest of the Utility, we work hard to meet our customers' needs and maintain the lines of communication required to keep our customers satisfied.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
Customer Service/Accounting/HR Mgr.	11	1	1
✧ Customer Service Supervisor	7	1	1
✧ Customer Service Specialist I	2	10	10
✧ Billing Technician	5	3	3

TEXARKANA WATER UTILITIES

CUSTOMER SERVICE- 310

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	634,010	714,181	668,795	714,677
Supplies	81,122	81,320	80,132	84,225
Repairs & Maintenance	1,320	1,975	1,215	2,195
Contractual Services	203,218	213,261	203,228	217,990
Capital Outlay				
TOTAL	919,670	1,010,737	953,370	1,019,087

PERSONAL SERVICES

511100	Supervision	115,458	119,490	118,590	116,690
511311	Clerical	283,372	354,691	312,533	349,562
511312	Overtime	12,698	10,000	10,000	10,000
511523	Payout- Comp Time				
511611	Temporary Labor	52,732	10,000	24,529	
511811	Stipend				
512111	Longevity	6,960	7,800	7,680	7,680
512112	Group Insurance	64,390	94,323	84,000	111,599
512114	Retirement	68,197	77,275	72,750	76,512
512115	Social Security	31,292	37,637	34,525	37,212
512116	Workmen's Comp	1,061	1,039	1,181	1,027
512117	Unemployment				
512118	Employee Screening	74	81	100	90
512121	Certification/License Pay	385		2,500	2,500
512100	Education & Training	3,053	1,845	407	1,805
519999	Sal & Ben Transfers Out	(5,662)			
TOTAL		634,010	714,181	668,795	714,677

SUPPLIES

521100	Office Supplies & Exp	28,195	26,720	29,175	30,125
521200	Operating Supplies	1,008	1,600	1,600	1,600
521400	Safety Supplies & Equip			357	
521700	Minor Tools				
521912	Uniform Maintenance	1,189	1,500	1,500	1,500
522313	Laundry & Janitorial Sup				
522700	Printing	50,925	51,500	47,500	51,000
TOTAL		81,317	81,320	79,775	84,225

TEXARKANA WATER UTILITIES

CUSTOMER SERVICE- 310

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>REPAIRS & MAINTENANCE</u>				
531111 Office Machines & Eq		150	25	150
531200 Motor Vehicles	1,320	1,825	1,190	2,045
TOTAL	1,320	1,975	1,215	2,195
<u>CONTRACTUAL SERVICES</u>				
541311 Communications	1,344	935	935	2,975
541700 Rentals	5,541	850	850	2,550
543400 Insurance	2,960	2,926	2,903	2,940
544100 Maintenance Contracts	62,405	78,525	78,525	79,500
544900 Postage	130,793	130,000	120,000	130,000
545700 Special Services	175	25	15	25
TOTAL	203,218	213,261	203,228	217,990
<u>CAPITAL OUTLAY</u>				
551111 Furniture & Equipment				
TOTAL				
TOTAL BUDGET	919,865	1,010,737	953,013	1,019,087
60% Texas				611,270
35% Arkansas				356,862
1% Mandeville				10,191
4% Union				40,764
				1,019,087

Field Services - 330

DESCRIPTION:

The Field Services Division works closely with Customer Service personnel in the continuous effort to process service requests in a timely and professional manner.

This division is responsible for reading approximately 30,000 meters monthly, requiring the highest degree of accuracy to ensure customer confidence. We are also responsible for handling between 3,000 and 4,000 customer requests such as meter re-reads, turn-on and turn-off orders, initiation and termination of service, meter change-outs and meter box upgrades, meter maintenance and testing each month.

FOCUS:

Field Services' personnel play a major role in the day-to-day representation of the Utility to its customers. The Field Services Representative, better known as the meter reader, is the most widely recognized employee of the Utility. The Utility takes pride in providing Field Services personnel with the technical training and the customer service training necessary to give our customers the best possible service available.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
◇ Field Services Foreman	4	0	0
◇ Metering/Field Services Supervisor	8	1	1
◇ Metering Foreman	4	1	1
◇ Field Services Representative I	3	8	8
◇ Chief Meter Technician	6	1	1
◇ Meter Service Technician	6	1	1

TEXARKANA WATER UTILITIES

FIELD SERVICES- 330

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
EXPENDITURES				
Personal Services	522,594	638,931	537,824	653,468
Supplies	11,781	11,870	8,480	10,970
Repairs & Maintenance	38,097	43,475	33,045	42,825
Contractual Services	18,984	22,280	20,090	22,040
Capital Outlay				
TOTAL	591,456	716,556	599,439	729,303

PERSONAL SERVICES

511200	Supervision		54,250	43,704	56,600
511411	Maintenance & Oper	252,254	328,351	223,273	323,551
511412	Overtime	14,305	14,500	10,012	12,000
511414	Standby				
511416	Emergency/Disaster			3,001	
511523	Payout- Comp Time				
511611	Temporary Labor	119,061	20,000	96,570	20,000
512111	Longevity	2,040	2,520	2,460	2,760
512112	Group Insurance	62,279	112,927	75,522	131,002
512114	Retirement	43,824	64,369	53,842	64,042
512115	Social Security	19,365	30,571	18,164	30,364
512116	Workmen's Comp	7,874	7,848	8,311	7,784
512117	Unemployment Benefits				
512118	Employee Screening	282	300	125	300
512121	Certification/License Pay	654		1,692	2,000
512100	Education & Training	656	3,295	1,148	3,065
519999	Sal & Ben Transfers Out				
TOTAL		522,594	638,931	537,824	653,468

SUPPLIES

521100	Office Supplies	904	920	770	920
521200	Operating Supplies	2,567	2,900	1,725	2,900
521400	Safety Supplies & Equip	1,804	1,800	1,200	1,500
521411	Personal Protective Eq	1,804	1,800	1,200	1,500
521413	Emergency Response				
521415	Facilities Maintenance				
521419	Ground Maintenance				
521700	Minor Tools	1,684	1,100	485	900
521900	Wearing Apparel	3,879	3,750	3,600	3,750

TEXARKANA WATER UTILITIES

FIELD SERVICES- 330

		<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
522300	Laundry & Janitorial	205	900	200	500
522500	Lab & Photo Sup & Exp				
522700	Printing	738	500	500	500
TOTAL		11,781	11,870	8,480	10,970

REPAIRS & MAINTENANCE

531111	Office Mach & Equip				
531200	Motor Vehicles R & M	34,291	39,050	30,920	38,900
531700	Equipment R & M	3,826	4,025	2,025	3,525
531800	Signal Equipment		400	100	400
532100	Building R & M				
539999	Equipment Apportionment	(20)			
TOTAL		38,097	43,475	33,045	42,825

CONTRACTUAL SERVICES

541311	Communications	6,099	7,900	6,300	7,600
541700	Rentals		100	25	100
542411	Freight Charges				
543400	Insurance	6,716	6,930	6,165	6,540
544100	Maintenance Contracts	5,924	6,800	7,100	7,300
544900	Postage	75	200	200	200
545700	Special Services	170	350	300	300
TOTAL		18,984	22,280	20,090	22,040

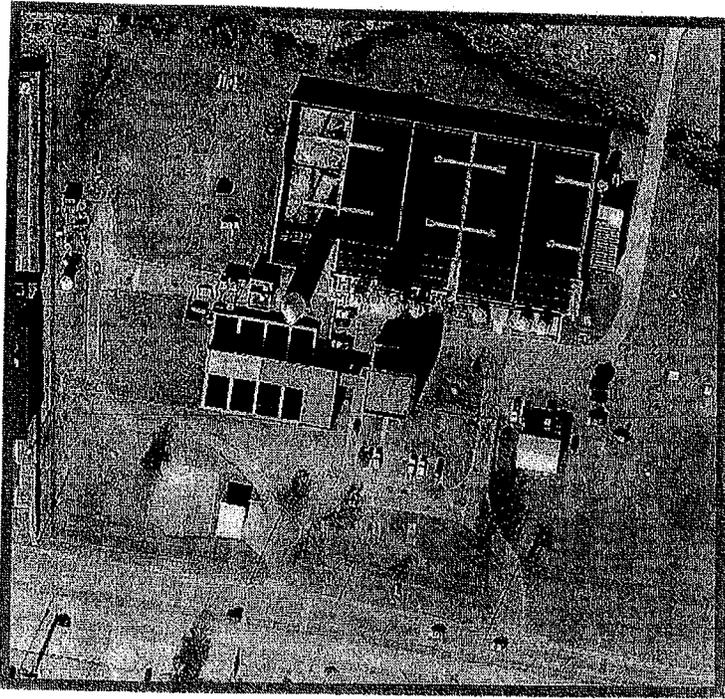
CAPITAL OUTLAY

551114	Machinery & Equipment				
TOTAL					

TOTAL BUDGET		591,456	716,556	599,439	729,303
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59.98%	Texas				437,455
35.02%	Arkansas				255,382
1.00%	Mandeville				7,293
4.00%	Union				29,173
					729,303

Wright Patman Water Treatment Plant – 410



DESCRIPTION:

Producing a safe, potable, continuous supply of water to the communities we serve is our primary goal. Each new main that is installed by either the Utility or a contractor is bacteriologically tested. Texarkana's water is a blend of two water sources with completely different characteristics. Considering this unique set of challenges, we consistently produce some of the best tasting water in Arkansas and Texas. Our lab is certified by TCEQ to run bacteriological testing for the Texarkana system. Lab services are available to all public water supply systems and private well owners for a nominal cost.

FOCUS:

Our primary focus will continue to be the education and training of our water treatment operators. Optimizing a water treatment facility requires continual changes in water treatment procedures to maintain our superior water rating by the Texas Commission on Environmental Quality (TCEQ). The U.S. Environmental Protection Agency drinking water regulations become more stringent each year, making it necessary for us to adapt our procedures to ensure the quality of water we produce continues to meet or exceed their requirements. Only 8% of surface water utilities in Texas have a superior water rating, which we have maintained since 1960. This has been accomplished by competent, educated and well-trained operators who are conscientious and trustworthy in their work.

Wright Patman Water Treatment Plant - 410

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
Water Production Manager	11	1	1
✧ Plant Operations Supervisor	10	1	1
✧ Chief Plant Operator	7	1	1
✧ Plant Operations Chemist III	7	2	2
✧ Plant Operations Chemist II	6	4	4
✧ Plant Operations Chemist I	4	3	3
✧ Plant Maintenance Supervisor	10	1	1
✧ Maintenance Chief	7	1	1
✧ Plant Mechanic/II	5	2	3
✧ Plant Mechanic I	4	2	2
✧ Laboratory Supervisor	8	1	1
✧ Lab Technician II	7	1	1
✧ Lab Technician I	5	1	1
✧ Licensed Electrician	8	1	1
✧ Electronics Specialist Trainee(frozen)	8	0	0

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT- 410

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	1,215,493	1,460,373	1,105,041	1,490,593
Supplies	1,035,472	1,001,935	935,008	1,011,800
Repairs & Maintenance	110,120	214,930	226,225	213,475
Contractual Services	640,199	772,554	733,157	745,661
Capital Outlay				
TOTAL	3,001,284	3,449,792	2,999,431	3,461,529

PERSONAL SERVICES

511100	Supervision	145,338	183,475	139,203	174,430
511411	Maintenance & Oper	561,874	733,674	461,672	726,200
511412	Overtime	90,699	43,000	60,000	43,000
511414	Standby				
511415	Shift Differential	7,088	7,500	4,900	7,500
511523	Payout-Comp Time				
511611	Temporary Labor	39,574	20,000	26,915	20,000
511811	Stipend				
512111	Longevity	8,310	9,315	8,631	9,885
512112	Group Insurance	123,235	177,125	137,075	182,537
512114	Retirement	133,169	157,284	115,858	160,804
512115	Social Security	60,771	74,699	51,592	76,241
512116	Workmen's Comp	26,525	22,951	25,080	23,596
512117	Unemployment				
512118	Employee Screening	198	250	200	200
512121	Certification/License Pay	5,569		38,759	36,100
512100	Education & Training	13,143	31,100	29,600	30,100
519999	Salary & Ben Transfer				
TOTAL		1,215,493	1,460,373	1,099,485	1,490,593

SUPPLIES

521100	Office Supplies	1,160	2,330	2,600	2,600
521200	Operating Supplies	5,247	8,500	8,500	8,500
521311	Botanical Supplies		200		
521400	Safety	24,953	25,400	35,517	25,400
521700	Minor Tools	2,761	6,000	6,000	6,000
521900	Wearing Apparel	6,799	7,800	6,766	6,800
522300	Laundry & Janitorial	2,906	3,000	4,000	4,000
522500	Lab & Photo Supplies	31,920	34,000	36,000	36,000
522700	Printing	690	1,000	2,000	2,000
522800	Chemicals - Plant	953,516	882,205	817,125	904,000
522900	Chemicals - Lake	5,520	31,500	16,500	16,500

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT- 410

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
TOTAL	1,035,472	1,001,935	934,891	1,011,800
<u>REPAIRS & MAINTENANCE</u>				
531111 Office Machines & Eq				
531200 Motor Vehicles	20,932	24,700	24,700	24,700
531700 Machinery & Equip	6,404	10,500	10,500	10,500
531800 Signal Equipment	70	3,500	500	2,250
532100 Building	283	9,000	9,000	9,500
533100 Water Treatment Equip	63,193	112,000	112,000	112,000
533200 Water Transmission Mains	22,858	29,000	29,000	29,000
533600 Tanks & Reservoirs	1,855	30,000	45,000	30,000
534100 Sewer Equipment R & M		1,000	1,000	1,000
533711 Sludge Pond Maintenance				
539998 Equipment Utilization				
539999 Equipment Apportionment	(5,475)	(4,770)	(5,475)	(5,475)
TOTAL	110,120	214,930	226,225	213,475
<u>CONTRACTUAL SERVICES</u>				
541111 Accounting & Audit	5,747	5,700	5,700	5,800
541311 Communications	8,276	11,000	8,500	9,000
541700 Rentals	1,718	4,000	5,000	4,000
541900 Fees and Permits	51,737	52,000	51,737	52,000
543111 Garbage Hauling	2,455	2,100	2,580	2,600
543400 Insurance	44,431	45,000	45,053	46,275
543600 Laboratory Services	10,960	14,775	14,775	14,775
544100 Maintenance Contracts	6,615	12,616	12,936	12,936
544900 Postage	385	1,625	1,625	1,625
545200 Power Purchases	302,647	359,550	359,550	359,550
545511 Power Purchases - Lake	204,458	245,000	225,000	235,000
545700 Special Services	157	18,575	701	2,100
546311 Water Rights	613	613		
TOTAL	640,199	772,554	733,157	745,661
<u>CAPITAL OUTLAY</u>				
551111 Furniture & Fixtures				
TOTAL				
TOTAL BUDGET	3,001,284	3,449,792	2,993,758	3,461,529

100% Texas

3,461,529

Millwood Water Treatment Plant - 420



DESCRIPTION:

At the Millwood Water Treatment Plant, our primary goal is to provide an adequate, uninterrupted supply of potable water to the communities we serve. Texarkana's water is a blend of two water sources with completely different characteristics. We strive to produce the best tasting and highest quality water in Arkansas and Texas.

FOCUS:

Planning for the future by optimizing the treatment facilities and utilizing the latest technology in surface water treatment is our primary focus. Providing professional training for our operators ensures they remain knowledgeable of the most current rules and regulations and treatment processes. The division's operators focus on protecting public health, producing a safe, aesthetically pleasing drinking water and safeguarding the environment through professionalism, treatment, optimization and team effort.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
❖ Chief Plant Operator	7	1	1
❖ Plant Operations Chemist II	6	1	1
❖ Plant Operations Chemist I	4	1	1
❖ Maintenance Chief	7	1	1

TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT- 420

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	357,303	377,807	529,390	375,205
Supplies	362,777	272,575	443,782	423,475
Repairs & Maintenance	53,632	108,450	65,650	63,150
Contractual Services	688,491	714,045	800,537	719,275
Capital Outlay				
TOTAL	1,462,203	1,472,877	1,839,359	1,581,105

PERSONAL SERVICES

511200	Supervision	46,562	55,692	69,472	55,565
511411	Maintenance & Oper	167,109	204,614	222,431	180,601
511412	Overtime	36,773	5,000	26,240	5,000
511415	Shift Differential	531	500	3,818	500
511416	Emergency/Disaster			46,527	
511523	Payout- Comp Time				
511611	Temporary Labor			672	
511811	Stipend				
512111	Longevity	4,890	4,440	5,091	4,620
512112	Group Insurance	32,150	33,860	48,002	36,010
512114	Retirement	42,073	43,729	52,721	43,185
512115	Social Security	19,251	20,768	25,019	20,475
512116	Workmen's Comp	1,958	2,654	2,448	2,649
512118	Employee Screening	170	50		
512121	Certification/License Pay	3,146		20,449	20,100
512100	Education & Training	2,690	6,500	6,500	6,500
519999	Salary & Benefit Transfer				
TOTAL		357,303	377,807	529,390	375,205

SUPPLIES

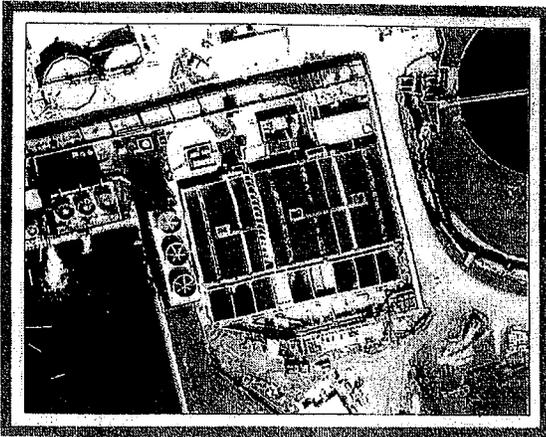
521100	Office Supplies	64	425	425	425
521200	Operating Supplies	2,143	2,500	2,500	2,500
521311	Botanical Supplies				
521400	Safety	23,286	8,800	7,800	7,800
521700	Minor Tools	1,887	1,500	1,000	1,000
521900	Wearing Apparel	1,733	2,050	2,357	2,050
522300	Laundry & Janitorial	869	1,900	1,900	1,900
522500	Lab & Photo Supplies	3,504	5,000	5,000	5,000
522700	Printing	328	400	800	800
522800	Chemicals - Plant	328,963	250,000	422,000	402,000
TOTAL		362,777	272,575	443,782	423,475

TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT- 420

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>REPAIRS & MAINTENANCE</u>				
531200 Motor Vehicles	2,124	3,175	3,175	3,175
531700 Machinery & Equip	9,020	18,775	17,975	17,975
531800 Signal Equipment	418	3,500	3,500	500
532100 Building	760	5,000	5,000	5,000
533100 Water Treatment Equip	36,445	65,000	30,000	30,000
533200 Water Transmission Mains	3,490	5,000	5,000	5,000
533600 Tanks & Reservoirs	1,375	8,000	1,000	1,500
533711 Sludge Pond Maintenance				
539998 Equipment Utilization				
TOTAL	53,632	108,450	65,650	63,150
<u>CONTRACTUAL SERVICES</u>				
541111 Accounting & Audit	2,534	2,300	2,300	2,400
541311 Communications	8,879	9,500	10,646	10,700
541700 Rentals	2,017	2,000	2,000	2,000
541900 Fees and Permits	45,344	47,160	47,160	47,160
543400 Insurance	14,022	14,070	14,803	14,815
543600 Laboratory Services	92	500	500	500
544100 Maintenance Contracts	456	785	1,000	1,000
544911 Postage				
544912 Special Delivery Service	60	30		
545200 Power Purchases	193,497	195,000	283,000	195,000
545511 Power Purchases - Lake				
545700 Special Services	15	700	700	700
546311 Water Rights	157,940	170,000	165,000	170,000
546312 Water Rights-10MG	263,635	272,000	273,428	275,000
TOTAL	688,491	714,045	800,537	719,275
<u>CAPITAL OUTLAY</u>				
551114 Machinery & Equipment				
TOTAL				
TOTAL BUDGET	1,462,203	1,472,877	1,839,359	1,581,105
100% Arkansas				1,581,105

Water Distribution – Graphic Packaging (formerly International Paper) - 490



DESCRIPTION:

The main objective of this division is to track the maintenance and repairs to the Graphic Packaging (G.P.) distribution system supplying raw water from the G.P. platform at Lake Wright Patman to the G.P. Mill in Domino, TX. The industrial water capacity is approximately 45 MGD, while the drinking water capacity is 2 MGD. This division also tracks the costs of operating and maintaining the chemical feed station, as well as the maintenance of the treated water line that supplies potable drinking water from the G.P. water plant to the cities of Domino, Atlanta and Queen City, TX.

FOCUS:

The division's objective is to provide all maintenance, repairs, communications and other tasks in a timely and cost-effective manner; to maintain good relations with all parties while performing professionally at all times. A second primary objective is to balance the desire of G.P. to have a consistent supply of raw water for its industrial process with the need of Domino and Atlanta to have a safe and reliable source of drinking water for their citizens.

PERSONNEL SCHEDULE

No permanently assigned personnel. Personnel are assigned from various divisions as needed.

Time and other expenses are charged to this division when maintenance or other work is performed for the G.P. system.

Wagner Creek Wastewater Treatment Plant – 520



DESCRIPTION:

This program is responsible for the reclamation of all wastewater from the City of Nash, Texas; the City of Wake Village, Texas; and a portion of the North Texarkana, Texas area. The program is responsible for the treatment, testing, discharge and disposal of all water and separated biosolids in an environmentally safe manner that meets or exceeds all regulatory agency requirements.

FOCUS:

To continue using process control data and making operational upgrades to accommodate the needs of the public in the safest and most efficient manner possible while meeting all regulatory requirements. The division is planned to begin construction on the new plant upgrade this fiscal year which will effectively accommodate all new business, industry and new home construction well into the future.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
Plant Operator II	6	1	1

TEXARKANA WATER UTILITIES

WAGNER CREEK WASTEWATER TREATMENT PLANT- 520

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	91,408	93,601	109,398	103,802
Supplies	18,959	53,570	50,750	53,565
Repairs & Maintenance	42,652	57,738	27,445	39,738
Contractual Services	201,884	218,084	190,764	217,362
Capital Outlay				
TOTAL	354,903	422,993	378,357	414,467

PERSONAL SERVICES

511200	Supervision	12,643	15,637	12,807	12,807
511411	Maintenance & Oper-Reg	43,656	48,810	53,320	51,580
511415	Maintenance & Oper-Shift				
511412	Overtime	6,926	4,000	6,453	6,800
511611	Temporary Labor				
512111	Longevity	696	480	780	540
512112	Group Insurance	9,729	6,622	10,675	6,993
512114	Retirement	10,574	11,102	11,826	12,380
512115	Social Security	4,832	5,273	5,612	5,870
512116	Workmen's Comp	692	597	630	732
512118	Employee Screening				
512121	Certification/License Pay	1,046		6,800	5,000
512100	Education & Training	614	1,080	495	1,100
TOTAL		91,408	93,601	109,398	103,802

SUPPLIES

521100	Office Supplies	5	245	75	245
521200	Operating Supplies	648	780	600	780
521311	Botanical Supplies				
521400	Safety		850	850	850
521700	Minor Tools	80	300	200	300
521900	Wearing Apparel	365	580	550	580
522300	Laundry & Janitorial	51	75	35	70
522500	Lab & Photo Supplies	3,319	5,900	6,470	5,900
522713	Printing-Other				
522800	Chemicals - Plant	14,491	44,840	41,970	44,840
TOTAL		18,959	53,570	50,750	53,565

REPAIRS & MAINTENANCE

531200	Motor Vehicles	1,884	2,913	2,140	2,913
531700	Machinery & Equip	123	200	200	200

TEXARKANA WATER UTILITIES

WAGNER CREEK WASTEWATER TREATMENT PLANT- 520

		<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
531800	Signal Equipment	265	475	475	475
532100	Building	977	850	850	850
534113	Sewer Treatment Equip	15,197	20,000	15,000	15,000
534211	Sewer Collection System				
534311	W.C. Pump Around	1,635	15,000	2,000	2,000
534500	Lift Station Maintenance	22,571	18,300	6,780	18,300
TOTAL		42,652	57,738	27,445	39,738

CONTRACTUAL SERVICES

541111	Accounting & Audit	767	756	756	770
541311	Communications	2,918	3,000	3,000	3,000
541700	Rentals				
541900	Fees and Permits	13,145	16,327	15,160	16,327
542411	Freight Charges				
543111	Garbage Hauling	1,469	1,561	1,561	1,560
543400	Insurance	2,764	2,780	2,907	2,945
543600	Laboratory Services	10,117	12,000	12,000	12,000
543900	Legal				
544100	Maintenance Contracts				
544900	Postage	151	460	230	460
545200	Power Purchases	170,545	180,900	155,000	180,000
545700	Special Services	8	300	150	300
TOTAL		201,884	218,084	190,764	217,362

CAPITAL OUTLAY

551111	Furniture & Fixtures				
551114	Machinery & Equipment				

TOTAL

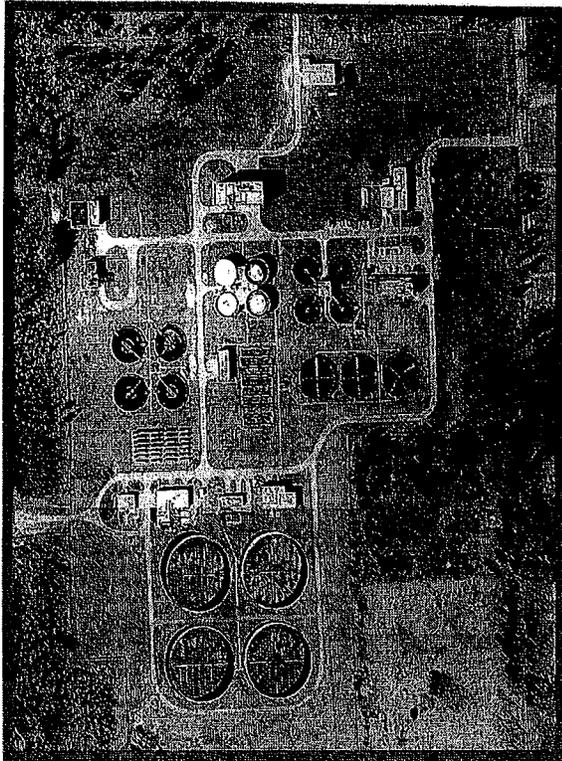
TOTAL BUDGET

354,903	422,993	378,357	414,467
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100% Texas

414,467

South Regional Wastewater Treatment Plant – 530



DESCRIPTION:

This program is responsible for the pumping and reclamation of wastewater and the ultimate disposal of the residual biosolids for the Cities of Texarkana, Arkansas and Texas in a manner that is efficient, environmentally safe and meets all regulatory agency requirements.

Focus:

The focus is to continue to evaluate and develop the expertise and professionalism of the division personnel, to ensure the program is maintained and operated in the most efficient manner possible. Maintenance and operational procedures will continue to be evaluated and adjusted to meet the latest regulatory requirements, to utilize the latest technology, and to insure the use of the most cost-effective treatment methods available.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
Pollution Control Manager	11	1	1
✧ Plant Operations Supervisor	10	1	1
✧ Chief Plant Operator	7	1	1
✧ Plant Operator III	7	0	1
✧ Plant Operator II	6	4	4
✧ Plant Operator I	4	9	9
✧ Chief Laboratory Technician	6	1	1
✧ Laboratory Technician	5	2	2
✧ Electronics Specialist	10	1	1
✧ Electronics Technician	5	1	1
✧ Plant Maintenance Supervisor	10	1	1
✧ Maintenance Chief	7	1	1
✧ Plant Mechanic II	5	3	3
✧ Plant Mechanic I	4	6	6
✧ Data Entry Clerk	3	1	1

TEXARKANA WATER UTILITIES

SOUTH REGIONAL WASTEWATER TREATMENT PLANT- 530

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	1,754,263	2,085,083	1,788,678	2,102,258
Supplies	562,165	637,275	635,700	637,525
Repairs & Maintenance	312,140	367,149	333,638	367,345
Contractual Services	1,114,109	1,155,755	1,120,485	1,158,400
Capital Outlay				
TOTAL	3,742,677	4,245,262	3,878,501	4,265,528

PERSONAL SERVICES

511100	Supervision	149,420	170,346	160,465	162,426
511311	Clerical	28,556	33,550	28,216	42,400
511312	Clerical Overtime		200		200
511411	Maintenance & Oper	874,967	1,124,913	838,083	1,055,446
511412	M & O Overtime	97,409	50,000	66,406	51,000
511414	Standby				
511415	Shift Differential	8,385	7,000	8,919	7,000
511523	Pay Out- Comp Time				
511611	Temporary Labor	43,298		22,095	
512111	Longevity	14,964	16,140	15,840	16,440
512112	Group Insurance	215,403	305,237	247,563	311,187
512114	Retirement	192,830	225,851	192,803	227,731
512115	Social Security	86,709	107,264	91,498	107,973
512116	Workmen's Comp	21,012	20,082	21,680	20,205
512117	Unemployment Benefits				
512118	Employee Screening	485	750	750	
512121	Certification/License Pay	11,415		78,120	76,500
512100	Education & Training	10,720	23,750	16,240	23,750
519999	Sal & Benefit Transfers	(1,310)			
TOTAL		1,754,263	2,085,083	1,788,678	2,102,258

SUPPLIES

521100	Office Supplies	1,985	4,375	2,350	4,375
521200	Operating Supplies	8,042	12,800	12,200	12,800
521311	Botanical Supplies				
521400	Safety	1,886	3,700	3,650	3,950
521700	Minor Tools	897	1,600	1,150	1,600
521900	Wearing Apparel	11,786	12,500	12,300	12,500
522300	Laundry & Janitorial	7,677	6,600	6,600	6,600
522500	Lab & Photo Sup & Exp	26,394	36,000	38,000	36,000

TEXARKANA WATER UTILITIES

SOUTH REGIONAL WASTEWATER TREATMENT PLANT- 530

		<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
		<i>18-19</i>	<i>19-20</i>	<i>19-20</i>	<i>20-21</i>
522700	Printing		500	250	500
522800	Chemicals - Plant	503,498	559,200	559,200	559,200
TOTAL		562,165	637,275	635,700	637,525
<u>REPAIRS & MAINTENANCE</u>					
531111	Office Machines & Eq				
531200	Motor Vehicles	47,651	53,995	36,930	53,995
531700	Machinery & Equip	24,173	32,254	19,903	32,250
531800	Signal Equipment	1,357	2,500	2,500	2,500
532100	Building	9,067	13,500	13,500	13,500
534100	Sewer Treatment Equip	207,934	242,000	242,000	242,000
534500	Lift Station Maintenance	21,958	22,900	18,805	23,100
TOTAL		312,140	367,149	333,638	367,345
<u>CONTRACTUAL SERVICES</u>					
541311	Communications	17,279	20,550	20,550	20,550
541700	Rentals		3,500	3,500	3,500
541900	Fees and Permits	95,524	96,500	96,500	96,500
542411	Freight Charges				
543111	Garbage Hauling	25,288	25,855	24,300	25,855
543400	Insurance	68,497	68,535	69,820	71,180
543600	Laboratory Services	16,757	15,000	15,000	15,000
543900	Legal				
544100	Maintenance Contracts	6,659	9,550	9,550	9,550
544900	Postage	315	685	685	685
545200	Power Purchases	877,409	907,380	872,380	907,380
545700	Special Services	6,381	8,200	8,200	8,200
TOTAL		1,114,109	1,155,755	1,120,485	1,158,400
<u>CAPITAL OUTLAY</u>					
551111	Furniture & Fixtures				
551115	Communications Equip				
TOTAL					
TOTAL BUDGET		3,742,677	4,245,262	3,878,501	4,265,528

TEXARKANA WATER UTILITIES

SOUTH REGIONAL WASTEWATER TREATMENT PLANT- 530

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
	<i>18-19</i>	<i>19-20</i>	<i>19-20</i>	<i>20-21</i>
63.21% Texas				2,696,153
36.79% Arkansas				1,569,375
				<u>4,265,528</u>

North Texarkana Wastewater Treatment Plant - 540

DESCRIPTION:

This program is responsible for the reclamation of wastewater from a portion of Northern Texarkana, Arkansas and Texarkana, Texas areas. The program is responsible for all wastewater treatment processes, the discharge of the treated water and the disposal of the separated biosolids in an environmentally safe manner that meets or exceeds all regulatory requirements.

FOCUS:

To continue using process control data and advancing technology to make operational upgrades that will meet the needs of the public and satisfy all regulatory requirements in the most efficient manner possible. This program is designed to accommodate the rapidly growing areas north of I-30 well into the future.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
Plant Operator II	6	1	1

TEXARKANA WATER UTILITIES

NORTH TEXARKANA WASTEWATER TREATMENT PLANT- 540

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	58,494	71,310	73,054	75,494
Supplies	59,866	71,309	71,530	71,309
Repairs & Maintenance	18,906	36,595	41,493	37,595
Contractual Services	73,800	85,187	76,244	85,330
Capital Outlay				
TOTAL	211,066	264,401	262,321	269,728

PERSONAL SERVICES

511200	Supervision		600	200		
511411	Maintenance & Oper-Reg	36,961	46,550	40,112	42,400	
511412	Overtime	3,104	2,300	7,614	2,300	
511611	Temporary Labor					
512111	Longevity	1,500	1,500	1,500	1,080	
512112	Group Insurance	5,577	6,101	6,556	10,477	
512114	Retirement	6,898	8,207	7,967	8,193	
512115	Social Security	3,165	3,898	3,781	3,885	
512116	Workmen's Comp	440	573	542	578	
512118	Employee Screening					
512121	Certification/License Pay	769		4,231	5,000	
512100	Education & Training	80	1,581	551	1,581	
TOTAL		58,494	71,310	73,054	75,494	

SUPPLIES

521100	Office Supplies	120	230	130	230	
521200	Operating Supplies	126	400	560	400	
521311	Botanical Supplies					
521400	Safety		675	675	675	
521700	Minor Tools		250	252	250	
521900	Wearing Apparel	371	504	479	504	
522300	Laundry & Janitorial		100	100	100	
522500	Lab & Photo Supplies	1,712	3,900	4,084	3,900	
522713	Printing-Other Forms					
522800	Chemicals - Plant	57,537	65,250	65,250	65,250	
TOTAL		59,866	71,309	71,530	71,309	

REPAIRS & MAINTENANCE

531111	Office Machines & Eq					
531200	Motor Vehicles	1,544	4,345	2,595	4,345	
531700	Machinery & Equip	107	3,000	3,000	3,000	

TEXARKANA WATER UTILITIES

NORTH TEXARKANA WASTEWATER TREATMENT PLANT- 540

		<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
531800	Signal Equipment	265	400	400	400
532100	Building	220	650	650	650
534114	Mck B Swr Treatment Eq	11,330	20,000	20,000	20,000
534500	Lift Station Maintenance	5,440	8,200	14,848	9,200
TOTAL		18,906	36,595	41,493	37,595

CONTRACTUAL SERVICES

541111	Accounting & Audit	412	427	427	430
541311	Communications	3,131	3,280	3,280	3,280
541900	Fees and Permits	5,720	5,720	5,720	5,720
542411	Freight Charges		75	35	75
543400	Insurance	3,690	3,705	3,802	3,845
543600	Laboratory Services	99	545	545	545
544900	Postage	40	335	335	335
545200	Power Purchases	60,700	71,000	62,000	71,000
545700	Special Services	8	100	100	100
TOTAL		73,800	85,187	76,244	85,330

CAPITAL OUTLAY

551114	Machinery & Equipment				
TOTAL					

TOTAL BUDGET		211,066	264,401	262,321	269,728
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0.85%	Texas				2,300
99.15%	Arkansas				267,428
					269,728

Composting – 580

DESCRIPTION:

This program is responsible for the operation of the composting site located on the South Regional Wastewater Treatment Plant property. Responsibilities include inspecting and controlling green waste dumped by the public and commercial services; grinding the green waste; incorporating the grindings with biosolids from the wastewater plants into windrows; monitoring and regulating the composting process; screening the compost; and distributing the finished product to the public after meeting or exceeding all regulatory requirements.

FOCUS:

This division will continue to evaluate and upgrade the composting program's operations, utilizing the latest technology and developments, in order to offer the public the finest recycled materials possible. The division will also strive to make significant contributions to the Utilities' on-going efforts to divert as much material as possible from area landfills and eliminate land application of sewage biosolids. The program will pursue available state and federal grants for improvements and strive to offer the best customer services possible.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
✧ Sludge Disposal Foreman	6	1	1
✧ Heavy Equipment Operator	4	2	2

TEXARKANA WATER UTILITIES

COMPOSTING- 580

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	184,032	197,947	188,641	200,360
Supplies	8,458	11,965	10,720	11,715
Repairs & Maintenance	142,059	134,540	110,892	134,540
Contractual Services	17,566	17,850	18,225	18,840
Capital Outlay				
TOTAL	352,115	362,302	328,478	365,455

PERSONAL SERVICES

511411	Maintenance & Oper	109,883	120,225	109,612	111,775
511412	Overtime	9,816	7,500	4,000	7,500
511416	Emergency/Disaster			1,315	
511611	Temporary Labor				
512111	Longevity	2,640	2,760	2,760	2,880
512112	Group Insurance	27,714	30,027	30,026	32,817
512114	Retirement	20,122	21,018	18,971	21,001
512115	Social Security	8,817	9,982	9,003	9,957
512116	Workmen's Comp	1,878	1,873	1,997	1,868
512117	Unemployment Benefits				
512118	Employee Screening				
512121	Certification/License Pay	1,231		8,000	8,000
512100	Education & Training	1,931	4,562	2,957	4,562
TOTAL		184,032	197,947	188,641	200,360

SUPPLIES

521100	Office Supplies & Exp	122	800	530	800
521200	Operating Supplies	3,696	3,600	3,100	3,600
521311	Botanical Supplies		250		
521400	Safety Supplies & Equip	72	1,200	1,200	1,200
521700	Minor Tools	830	1,025	800	1,025
521900	Wearing Apparel	1,003	1,350	1,350	1,350
522300	Laundry & Janitorial		140	140	140
522500	Lab & Photo Sup & Exp	2,735	3,600	3,600	3,600
522800	Chemicals				
TOTAL		8,458	11,965	10,720	11,715

REPAIRS & MAINTENANCE

531200	Motor Vehicles	13,166	15,590	13,715	15,590
531700	Machinery & Equip	125,375	116,950	95,177	116,950

TEXARKANA WATER UTILITIES

COMPOSTING- 580

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
	<i>18-19</i>	<i>19-20</i>	<i>19-20</i>	<i>20-21</i>
531800 Signal Equipment				
532100 Building R & M	3,518	2,000	2,000	2,000
533711 Sludge Pond Maintenance				
TOTAL	142,059	134,540	110,892	134,540

CONTRACTUAL SERVICES

541311 Communications	1,214	560	1,530	1,535
541700 Rentals		2,500	2,500	2,500
542411 Freight Charges				
543400 Insurance	10,959	10,975	10,625	10,990
543600 Laboratory Services	5,225	3,300	3,300	3,300
544900 Postage	70	115	70	115
545700 Special Services	98	400	200	400
TOTAL	17,566	17,850	18,225	18,840

CAPITAL OUTLAY

551114 Machinery & Equipment				
TOTAL				

TOTAL BUDGET	352,115	362,302	328,478	365,455
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63.14% Texas				230,750
36.86% Arkansas				134,705
				365,455

Field Operations/Administration- 610

DESCRIPTION:

Our Field Operations Manager provides administrative and logistical support, guidance, leadership, and supervision for the water distribution, sewer collection and dispatch office. The Field Operations Manager maintains a high level of visibility with the public, interfacing daily to ensure prompt, courteous and professional responses to complaints and construction projects. The dispatch office is responsible for coordinating the logistics for all field operations crews daily. This division is responsible for all paperwork, radio transmissions, telephone communications and daily procedures.

FOCUS:

The Field Operations Manager and staff will continue to upgrade training needs to provide the most qualified personnel to represent the Water Utilities in Operations matters. The use of updated maintenance and construction programs and qualified personnel, allows the Operations Department to provide the public with excellent service and prompt response times to complaints, recorded within the department. The Operations Department will incorporate new technology and training to continue upgrading record keeping, better response time, and improving inter-divisional and inter-city communication and cooperation.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
Field Operations Manager	11	1	1
✧ Dispatcher II	6	1	1
✧ Dispatcher I	5	2	2

TEXARKANA WATER UTILITIES

OPERATIONS ADMINISTRATION- 610

	<i>Actual</i> 18-19	<i>Budget</i> 19-20	<i>Revised</i> 19-20	<i>Budget</i> 20-21
<u>EXPENDITURES</u>				
Personal Services	225,972	235,502	226,851	231,009
Supplies	7,028	7,140	3,945	5,840
Repairs & Maintenance	547	250	150	250
Contractual Services	42,317	14,259	14,909	15,160
Capital Outlay				
TOTAL	275,864	257,151	245,855	252,259

PERSONAL SERVICES

511100	Supervision	65,017	67,986	65,335	65,336
511311	Clerical	85,692	88,625	86,597	88,175
511312	Clerical Overtime	558	350	600	350
511316	Clerical Emergency/Disaster			1,579	
511611	Temporary Labor	(156)			
511811	Stipend				
512111	Longevity	2,700	2,940	2,940	3,180
512112	Group Insurance	26,504	28,725	24,386	25,840
512114	Retirement	25,229	25,756	25,720	25,742
512115	Social Security	11,568	12,232	12,206	12,205
512116	Workmen's Comp	1,617	1,563	1,667	1,560
512117	Unemployment Benefits				
512118	Employee Screening		100		100
512121	Certification/License Pay	885		2,500	2,500
512100	Education & Training	6,358	7,225	3,321	6,021
TOTAL		225,972	235,502	226,851	231,009

SUPPLIES

521100	Office Supplies	1,433	2,150	970	2,040
521200	Operating Supplies	2,231	2,300	1,900	2,100
521400	Safety Supplies & Equip	12			
521700	Minor Tools				
521900	Wearing Apparel	3,174	2,440	1,000	1,500
522300	Laundry & Janitorial	178	250	75	200
522500	Lab & Photo Sup & Expenses				
522700	Printing				
TOTAL		7,028	7,140	3,945	5,840

REPAIRS & MAINTENANCE

531111	Office Machines & Eq	547	250	150	250
531200	Motor Vehicle R & M				
531800	Signal Equipment				
532100	Building R & M				
TOTAL		547	250	150	250

TEXARKANA WATER UTILITIES

OPERATIONS ADMINISTRATION- 610

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>CONTRACTUAL SERVICES</u>				
541311 Communications	5,352	6,900	6,780	6,900
542411 Freight Charges				
543400 Insurance	882	895	800	835
543911 Legal Advertising				
544100 Maintenance Contracts	36,083	6,214	7,079	7,175
545700 Special Services		250	250	250
TOTAL	42,317	14,259	14,909	15,160
<u>CAPITAL OUTLAY</u>				
551111 Furniture & Fixtures				
TOTAL				
TOTAL BUDGET	275,864	257,151	245,855	252,259

63.14%	Texas	159,276
36.86%	Arkansas	92,983
		<u>252,259</u>

Water & Sewer Construction - 612

DESCRIPTION:

The main objective of this division is to carry out all phases of construction pertaining to the water distribution and sewer collection systems of Texarkana, Texas, Texarkana, Arkansas, Member Cities and rural areas such as Mandeville, Union and Leary Water system. This division installs, locates and repairs water mains, sewer mains, fire hydrants, service lines, meter boxes, valves, manholes, clean outs and any other asset pertinent to the utility system.

FOCUS:

The focus of this division is to provide excellence in serving the Texarkana area citizens by maintaining and improving utility infrastructure. The quality of service will be met using properly trained personnel and efficiently allocating resources. Primary goals obtained will be through coordination with the Engineering, GIS, Water Distribution, Sewer Collection, I&I and other divisions.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
Utility Supervisor	10	1	1
✧ Utilities Foreman/Operator	6	2	2
✧ Locator	4	3	3
✧ Laborer II	2	7	7
✧ Concrete Finisher	4	1	1
✧ Heavy Equipment Operator	4	1	1
✧ Utilities Foreman (frozen/vacant)	6	0	0

TEXARKANA WATER UTILITIES

WATER & SEWER CONSTRUCTION- 612

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	559,637	752,688	700,548	787,934
Supplies	24,662	31,380	29,685	31,400
Repairs & Maintenance	72,581	125,175	88,050	114,800
Contractual Services	18,375	23,030	22,310	23,200
Capital Outlay				
TOTAL	675,255	932,273	840,593	957,334

PERSONAL SERVICES

511200	Supervision	43,986	51,975	63,680	58,045
511411	Maintenance & Oper	294,168	406,050	310,021	406,401
511412	Overtime	38,775	40,000	102,187	40,000
511414	Standby				
511611	Temporary Labor Service	34,030		2,016	
511811	Stipend				
512111	Longevity	3,360	4,140	3,960	4,680
512112	Group Insurance	80,147	137,586	102,287	148,778
512114	Retirement	62,052	80,886	77,351	84,003
512115	Social Security	27,842	38,416	36,708	39,828
512116	Workmen's Comp	9,978	9,809	10,411	10,199
512118	Employee Screening	367	500	500	500
512121	Certification/License Pay	846		8,861	11,500
512100	Education & Training	3,141	6,200	4,566	6,000
519999	Sal & Benefit Transfers O	(39,055)	(22,874)	(22,000)	(22,000)
TOTAL		559,637	752,688	700,548	787,934

SUPPLIES

521100	Office Supplies & Exp	576	1,150	1,250	1,150
521200	Operating Supplies	11,420	12,500	10,800	12,500
521400	Safety	3,576	4,250	3,735	4,250
521700	Minor Tools	4,670	6,800	8,800	7,300
521900	Wearing Apparel	3,606	4,200	4,100	4,200
522300	Laundry & Janitorial	814	2,480	1,000	2,000
TOTAL		24,662	31,380	29,685	31,400

REPAIRS & MAINTENANCE

531200	Motor Vehicles	31,903	52,000	34,050	52,000
531700	Machinery & Equip	10,308	17,050	11,250	16,050
531800	Signal Equipment		250	250	250
533211	Raw Water Trans Main	53			

TEXARKANA WATER UTILITIES

WATER & SEWER CONSTRUCTION- 612

		<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
533411	Water Svc R & M	2,153	3,500	9,500	3,500
533511	Fire Hydrant R & M	41,229	65,000	45,000	55,000
539999	Equipment Apportionment	(13,065)	(12,625)	(12,000)	(12,000)
TOTAL		72,581	125,175	88,050	114,800

CONTRACTUAL SERVICES

541311	Communications	5,329	6,500	6,960	6,975
541700	Rentals		1,500	1,500	1,500
543111	Garbage Hauling	2,527	2,700	2,500	2,700
543400	Insurance	7,885	8,330	7,350	8,025
544100	Maintenance Contracts		1,000	1,000	1,000
544900	Postage		100	100	100
545200	Power Purchase				
545700	Special Services	2,634	2,900	2,900	2,900
TOTAL		18,375	23,030	22,310	23,200

CAPITAL OUTLAY

551114 Machinery & Equipment
TOTAL

TOTAL BUDGET

675,255 932,273 840,593 957,334

63.14%	Texas	604,460
36.86%	Arkansas	352,874
		957,334

Water Distribution – 620

DESCRIPTION:

The main objective of this division is to adequately and efficiently maintain and repair the water distribution system supplying water to Texarkana, Texas, Texarkana, Arkansas, Member Cities, and the rural areas formerly served by Leary, Mandeville and Union Water Supply Corporations.

FOCUS:

The continuing focus of this Division is to provide excellent, professional and courteous service to the community by improving the quality of life of the citizens of Texarkana. Providing personnel training and utilizing personnel effectively will enable this Division to meet the goals and objectives that have been set. Primary goals will be to assist in system planning, improve record keeping for the GIS system and upgrade old and undersized water mains within the system.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
Utility Supervisor	10	1	1
✧ Utilities Foreman/Operator	6	5	5
✧ Laborer II	2	9	9

TEXARKANA WATER UTILITIES

WATER DISTRIBUTION- 620

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	734,506	887,048	821,057	909,650
Supplies	29,414	36,450	30,730	36,975
Repairs & Maintenance	362,570	503,000	407,050	478,500
Contractual Services	24,079	31,546	29,669	35,220
Capital Outlay				
TOTAL	1,150,569	1,458,044	1,288,506	1,460,345

PERSONAL SERVICES

511200	Supervision	52,779	63,155	58,810	54,750
511411	Maintenance & Oper	330,831	437,049	296,047	433,052
511412	Overtime	79,421	80,000	102,521	80,000
511414	Standby				
511415	Shift Pay				
511416	Emergency/Disaster			8,234	
511611	Temporary Labor Service	33,738		115,506	
512111	Longevity	5,760	5,100	5,040	5,520
512112	Group Insurance	110,172	146,389	105,430	180,665
512114	Retirement	77,084	94,278	76,402	92,667
512115	Social Security	33,824	44,776	36,258	43,936
512116	Workmen's Comp	10,113	10,712	11,212	10,471
512117	Unemployment Benefits				
512118	Employee Screening	217	500	200	500
512100	Education & Training	5,043	5,750	2,750	7,750
519999	Sal & Ben Transfers Out	(8,053)	(661)	(661)	(661)
TOTAL		734,506	887,048	821,057	909,650

SUPPLIES

521100	Office Supplies & Exp	4,308	850	900	875
521200	Operating Supplies	6,576	12,000	7,000	12,000
521400	Safety	5,395	6,000	7,080	6,000
521411	Personal Protect Equip	5,395	6,000	6,000	6,000
521413	Emergency Response Eq				
521415	Facilities Maintenance			925	
521416	Emergency/Disaster			155	
521417	Laboratory & Environ				
521418	Storage & Handling				
521419	Grounds Maintenance				
521700	Minor Tools	6,171	7,000	8,350	7,500
521900	Wearing Apparel	4,393	7,700	4,900	7,700
522300	Laundry & Janitorial	2,571	2,900	2,500	2,900

TEXARKANA WATER UTILITIES

WATER DISTRIBUTION- 620

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
TOTAL	29,414	36,450	30,730	36,975
<u>REPAIRS & MAINTENANCE</u>				
531111 Office Machine & Equip				
531200 Motor Vehicles	51,230	61,400	52,400	61,400
531700 Machinery & Equip	23,547	45,150	29,200	45,150
531800 Signal Equipment				
532100 Building R & M				
533212 Treated Water Tran Main				
533311 Water Distribution Mains	123,589	200,000	150,000	194,000
533411 Water Services	165,429	200,000	175,000	175,000
533511 Fire Hydrants	941	5,000	3,000	5,000
539999 Equipment Apportionment	(5,860)	(8,550)	(8,550)	(8,550)
TOTAL	362,570	503,000	407,050	478,500

CONTRACTUAL SERVICES

541311 Communications	4,109	5,000	5,025	5,030
541700 Rentals	213	4,000	1,000	4,000
541900 Fees & Permits	600	2,500	1,000	2,500
542411 Freight Charges				
543111 Garbage Hauling	2,560	3,536	2,500	2,600
543400 Insurance	11,363	10,360	12,146	12,260
544100 Maintenance Contracts				
544900 Postage	24	100	100	100
545200 Power Purchases	568	450	423	450
545700 Special Services	4,642	5,600	7,475	8,280
TOTAL	24,079	31,546	29,669	35,220

CAPITAL OUTLAY

551114 Machinery & Equipment

TOTAL

TOTAL BUDGET

1,150,569 1,458,044 1,288,506 1,460,345

62.15%	Texas	907,654
36.43%	Arkansas	531,974
0.40%	Mandeville	5,908
1.01%	Union	14,809
		<u>1,460,345</u>

Water Distribution -- TexAmericas - 622

DESCRIPTION:

The main objective for this division is to track and oversee/perform the maintenance and repairs to the water distribution system that supplies water to the TexAmericas water system owned by Texarkana, TX.

FOCUS:

The focus of this account is to provide a continuous supply of treated water, meeting all regulatory standards, to the customers using this portion of the TexAmericas water system.

PERSONNEL SCHEDULE:

No permanently assigned personnel at this time. TWU employees respond as needed for repairs, maintenance and meter readings, etc.

Sewer Collection – 630

DESCRIPTION:

The Sewer Collection Division maintains and repairs existing sewer mains, manholes and clean-outs within the Texarkana area. The division continues to monitor the infiltration and inflow program. The division maintains the main sewer system lines, keeping them free from debris, which aids in preventing back-ups within residential lines. The division also maintains rights-of-way and easements within the Texarkana area. Sewer Collection personnel assist other divisions, such as Engineering, with the smoke testing and TV/video programs used to locate problem areas.

FOCUS:

The primary focus of this division is to provide a safe, sanitary sewer collection system concentrating on the location and repair of infiltration and inflow points, to assist the wastewater plants in remaining within their allowable permit limits. The division will assist Engineering in upgrading record keeping for GIS mapping programs. Ongoing training of personnel will provide the public with a more professional team who is knowledgeable in the sewer collection field.

PERSONNEL SCHEDULE:

POSITION	CLASS	CURRENT	PROPOSED
Utility Supervisor	8	1	1
✧ Jet Truck Operator	4	3	3
✧ Laborer II	2	8	8
✧ Utility Foreman/Operator	6	3	3

TEXARKANA WATER UTILITIES

SEWER COLLECTION- 630

	<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
<u>EXPENDITURES</u>				
Personal Services	583,153	785,947	654,861	802,705
Supplies	21,383	40,740	26,690	37,740
Repairs & Maintenance	215,900	298,627	239,627	283,627
Contractual Services	22,901	32,315	30,489	30,970
Capital Outlay				
TOTAL	843,337	1,157,629	951,667	1,155,042

PERSONAL SERVICES

511200	Supervision	58,559	62,195	50,656	49,825
511411	Maintenance & Oper	248,763	407,574	215,478	404,877
511412	Overtime	50,402	45,000	65,855	45,000
511414	Standby				
511611	Temporary Labor Service	79,343		158,875	
511811	Stipend				
512111	Longevity	2,580	2,280	2,580	1,800
512112	Group Insurance	72,733	135,907	69,164	164,343
512114	Retirement	59,318	83,284	53,933	81,724
512115	Social Security	28,342	39,554	25,595	38,747
512116	Workmen's Comp	7,580	7,444	7,909	7,280
512117	Unemployment Benefits				
512118	Employee Screening	244	485	400	485
512121	Certification/License Pay	3,231		5,692	5,000
512100	Education & Training	5,471	7,200	3,700	8,600
519999	Sal & Benefit Transfers O	(33,413)	(4,976)	(4,976)	(4,976)
TOTAL		583,153	785,947	654,861	802,705

SUPPLIES

521100	Office Supplies & Exp	1,269	1,290	895	1,290
521200	Operating Supplies	5,017	16,500	6,200	14,500
521311	Botanical Supplies				
521400	Safety	5,557	4,500	5,645	5,500
521411	Personal Protect Equip	5,557	4,500	5,500	5,500
521413	Emergency Response Eq				
521415	Facilities Maintenance				
521416	Emergency/Disaster			145	
521417	Laboratory & Environ				
521418	Storage & Handling				
521419	Grounds Maintenance				
521700	Minor Tools	2,839	4,500	7,000	5,500
521900	Wearing Apparel	4,814	8,750	4,750	8,750

TEXARKANA WATER UTILITIES
SEWER COLLECTION- 630

		<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
522300	Laundry & Janitorial	943	1,200	1,200	1,200
522800	Chemicals	944	4,000	1,000	1,000
TOTAL		21,383	40,740	26,690	37,740

REPAIRS & MAINTENANCE

531111	Off Mach & Equip				
531200	Motor Vehicles	70,996	120,500	73,500	120,500
531700	Machinery & Equip	17,156	28,650	31,650	28,650
531800	Signal Equipment				
532100	Building R & M				
533211	Raw Water Trans Main				
533511	Fire Hydrant R&M	805			
534121	Sewer Instrument R & M	1,255	1,500	1,500	1,500
534211	Sewer Collection System	132,008	155,000	140,000	140,000
539998	Equipment Utilization				
539999	Equipment Apportionment	(6,320)	(7,023)	(7,023)	(7,023)
TOTAL		215,900	298,627	239,627	283,627

CONTRACTUAL SERVICES

541311	Communications	2,421	3,610	3,200	3,610
541700	Rentals		2,100	2,100	2,100
541900	Fees and Permits	500	4,000	4,000	4,000
542411	Freight Charges	69			
543111	Garbage Hauling	2,593	3,000	3,000	3,000
543400	Insurance	12,679	12,705	11,289	11,360
544100	Maintenance Contracts		600	600	600
544900	Postage	49	200	200	200
545200	Power Purchase				
545700	Special Services	4,590	6,100	6,100	6,100
TOTAL		22,901	32,315	30,489	30,970

CAPITAL OUTLAY

551114	Machinery & Equipment				
TOTAL					

TOTAL BUDGET		843,337	1,157,629	951,667	1,155,042
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63.27%	Texas				730,767
36.73%	Arkansas				424,275
					1,155,042

Fleet Services Center- 640

DESCRIPTION:

The Fleet Service Center is responsible for servicing and maintaining all Texarkana Water Utility, Texarkana, Arkansas Police, Texarkana, Arkansas Public Works, and a portion of Texarkana Arkansas Fire Department vehicles, heavy equipment, trailers and all associated equipment needed for their divisions to service the citizens of Texarkana and surrounding areas safely and cost effectively. The Service Center coordinates vehicle purchases, new vehicle preparation, vehicle rebuilding and disposal of retired vehicles.

FOCUS:

The Fleet Service Center is committed to the safe operation of city vehicles and equipment we maintain and service. The Service Center utilizes a fleet management system for the most cost effective and highest standards of fleet repair to minimize fleet downtime and the interruption of city services to our citizens. Continuous Fleet Technician training allows the team at the Service Center to understand the rapidly changing technology associated with vehicles and equipment today.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
Fleet Services Manager	11	1	1
✧ Equipment Maintenance Supervisor (frozen/vacant)	10	0	0
✧ Auto Mechanic II	6	2	2
✧ Auto Mechanic III (Diesel)	7	2	2
✧ Data Entry Clerk	3	1	1

TEXARKANA WATER UTILITIES

FLEET SERVICES CENTER- 640

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	359,391	415,775	419,765	428,998
Supplies	20,600	30,900	26,900	30,950
Repairs & Maintenance	188,213	219,950	186,450	198,750
Contractual Services	23,896	28,945	28,779	29,148
Capital Outlay				
TOTAL	592,100	695,570	661,894	687,846

PERSONAL SERVICES

511100	Supervision	61,449	65,400	64,981	65,250
511411	Maintenance & Oper	165,927	220,400	215,262	217,651
511412	Overtime	1,933	2,500	2,500	2,500
511414	M & O Standby				
511611	Temporary Labor	9,338			
512111	Longevity	2,580	2,880	2,880	3,240
512112	Group Insurance	43,096	40,752	52,082	54,573
512114	Retirement	39,155	46,902	46,042	46,895
512115	Social Security	17,676	22,275	21,850	22,234
512116	Workmen's Comp	4,503	4,866	4,868	4,855
512118	Employee Screening	381	500	500	500
512121	Certification/License Pay	8,808		2,000	2,000
512100	Education & Training	4,545	9,300	6,800	9,300
519998	Sal & Ben Transfers In	19,013	19,875	19,875	19,875
519999	Sal & Ben Transfers Out	(19,013)	(19,875)	(19,875)	(19,875)
TOTAL		359,391	415,775	419,765	428,998

SUPPLIES

521100	Office Supplies & Exp	1,715	2,650	2,050	2,050
521200	Operating Supplies	9,726	12,500	9,500	12,500
521400	Safety	3,215	6,200	6,300	7,300
521700	Minor Tools	3,145	5,000	5,000	5,000
521900	Wearing Apparel	2,067	2,550	2,550	2,600
522300	Laundry & Janitorial	732	2,000	1,500	1,500
522700	Printing				
TOTAL		20,600	30,900	26,900	30,950

REPAIRS & MAINTENANCE

531111	Office Mach & Equip				
531200	Motor Vehicles	6,254	9,600	6,600	8,600
643- 531300	Arkansas Police Vehicle	38,465	36,250	36,250	36,250

TEXARKANA WATER UTILITIES

FLEET SERVICES CENTER- 640

		<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>	
644-	531400	Arkansas Fire Vehicle	38,736	40,750	40,750	40,750
645-	531500	Arkansas Public Works	95,580	115,300	85,700	95,100
646-	531600	Other Contract Maint	7,710	11,100	11,100	11,100
	531700	Machinery & Equip	116	2,450	2,450	2,450
	531800	Signal Equipment				
	532100	Building	1,352	4,500	3,600	4,500
	539999	Equipment Apportionment				
TOTAL			188,213	219,950	186,450	198,750

CONTRACTUAL SERVICES

	541311	Communications	2,589	1,900	2,250	2,255
	541711	Equipment Rental		200	200	200
	542711	Grease Hauling				
	543400	Insurance	2,701	2,745	2,579	2,593
	544100	Maintenance Contracts	2,225	2,500	2,500	2,500
	544900	Postage		100	100	100
	545200	Power Purchases	14,452	17,800	17,450	17,800
	545700	Special Services	1,929	3,700	3,700	3,700
TOTAL			23,896	28,945	28,779	29,148

CAPITAL OUTLAY

	551111	Furniture & Fixtures				
	551121	Software				
TOTAL						

TOTAL BUDGET

	592,100	695,570	661,894	687,846
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43.43%	Texas	298,759
56.57%	Arkansas	389,087
		687,846

Engineering/Design - 710

DESCRIPTION:

The Engineering Division of the Texarkana Water Utilities provides engineering support services for all divisions of the Utility as well as its customers and the citizens of Texarkana. The Engineering Division is staffed with engineering technicians, draftsmen, surveyors, inspectors, clerical staff and professional engineers much like a consulting engineering firm. When technical support is requested from one of the three operations and maintenance divisions, the Engineering Division provides surveying, drafting, research or engineering services as required. The Division's surveying crew utilizes some of the most modern equipment available while performing preliminary, route and construction surveys. The survey crew has a total station survey instrument that incorporates electronic data measurement and electronic data collection. The survey crew is also utilizing the global positioning system (GPS) in some surveys, as well as utilizing the information available from the geographic information system (GIS). The Utilities' inspection staff provides construction inspection of Utility and developer projects, stakes and inspects water meters, assists in the location of water and sanitary sewer mains as needed and will oversee the backflow prevention program as it is implemented. The engineering office staff coordinates construction and inspection activities: designs extensions of service under the guidance of the design engineer; reviews plans submitted for construction by others; performs customer service by answering questions about service availability and taking meter orders; maintains the engineering files; maintains good communications with the public works departments of both cities; and maintains the Utility's construction specifications.

FOCUS:

Continue to provide prompt, accurate and courteous service to the public. Utilize the GIS and engineering software available to design and prepare plans for extensions of service to better serve the residents of Texarkana. Continue to develop long-range plans for extensions of the water distribution and sanitary sewer collection systems and implement them in all construction. Improve the department's ability to keep jobs on schedule and track hours spent in the design of projects. Continue to implement the GPS in survey work, explore new ways to utilize GPS and continue to develop the backflow prevention program. Improve response time when other divisions request assistance. Ensure everyone is connected to sewer and water services where available

Engineering/Design - 710

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
Design Engineer	12	1	1
✧ Engineering Technician II	6	1	2
✧ Engineering Technician I	6	1	1
✧ Engineering Technician/Construction Inspector	6	4	4
✧ Survey Party Chief	6	1	1
✧ Survey Instrument Operator	4	1	1
✧ M&O Coordinator	7	1	1

TEXARKANA WATER UTILITIES

ENGINEERING- DESIGN- 710

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	540,880	673,194	639,737	641,759
Supplies	11,203	15,750	13,900	15,750
Repairs & Maintenance	12,434	12,560	12,213	12,660
Contractual Services	60,231	65,450	64,836	68,000
Capital Outlay				
TOTAL	624,748	766,954	730,686	738,169

PERSONAL SERVICES

511100	Supervision	74,602	75,152	72,458	75,002
511411	Maintenance & Oper	353,947	394,550	364,351	377,157
511412	M & O Overtime	14,026	15,000	39,291	15,000
511416	Emergency/Disaster			1,551	
511523	Payout Comp Time	336		336	
511611	Temporary Labor	(373)			
511811	Stipend				
512111	Longevity	5,940	6,480	6,720	7,260
512112	Group Insurance	67,120	75,147	70,488	76,392
512114	Retirement	73,539	79,117	82,004	80,420
512115	Social Security	33,376	37,575	38,916	38,129
512116	Workmen's Comp	4,083	4,473	4,598	4,525
512118	Employee Screening				
512121	Certification/License Pay	3,500		24,000	24,000
512100	Education & Training	15,472	21,350	13,200	22,050
519999	Sal & Benefit Trfr Out	(104,688)	(35,650)	(78,176)	(78,176)
TOTAL		540,880	673,194	639,737	641,759

SUPPLIES

521100	Office Supplies & Exp	4,718	7,900	6,600	7,900
521200	Operating Supplies	2,802	3,250	3,000	3,250
521400	Safety	499	650	500	650
521700	Minor Tools	770	750	750	750
521900	Wearing Apparel	2,341	2,300	2,400	2,300
522300	Laundry and Janitorial	37	350	250	350
522500	Lab & Photo Sup & Exp				
522700	Printing	36	550	400	550
TOTAL		11,203	15,750	13,900	15,750

REPAIRS & MAINTENANCE

531111	Office Machines & Equip		100	100	100
531200	Motor Vehicles	12,171	12,460	11,850	12,560

TEXARKANA WATER UTILITIES

ENGINEERING- DESIGN- 710

		<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
531700	Machinery & Equip				
532100	Buildings	263		263	
533511	Fire Hydrant R & M				
533511	Equipment Apportionment				
TOTAL		12,434	12,560	12,213	12,660
<u>CONTRACTUAL SERVICES</u>					
541311	Communications	9,936	10,000	9,321	10,000
541700	Rentals				
543111	Garbage Hauling	147			
543400	Insurance	5,123	5,165	5,845	5,165
543900	Legal	376	700	450	700
544100	Maintenance Contracts	21,326	25,650	25,650	28,200
544900	Postage	255	525	525	525
545200	Power Purchases	22,981	23,325	22,970	23,325
545700	Special Services	87	85	75	85
TOTAL		60,231	65,450	64,836	68,000
<u>CAPITAL OUTLAY</u>					
551115	Communications Equip				
TOTAL					
TOTAL BUDGET		624,748	766,954	730,686	738,169
63.14%	Texas				466,080
36.86%	Arkansas				272,089
					738,169

Engineering/I & I Abatement - 720

DESCRIPTION:

The function of the Infiltration and Inflow Division is to inspect, identify and initiate remediation of problems in the sanitary sewer collection system. The identification of problem areas is accomplished by visual inspection of manholes, smoke testing to locate leaks, flow-monitoring, data collection and video inspection with concurrent dyed water testing. Problem areas that are identified are evaluated and prioritized based on severity of the defect. Those defects are then either turned over to the Operations Division for repairs or recommended for rehabilitation or replacement through a capital improvements program. The Geographic Information System (GIS) is being implemented by Utility staff and should enable them to better identify and evaluate the needs of the collection system. The staff is also learning how to use the Global Positioning System (GPS) together with the GIS to locate and identify problems. Employees will always utilize available equipment and training to meet OSHA requirements to maintain a safe working environment.

FOCUS:

Continue the manhole inspection and survey program. Utilize existing flow-monitoring equipment and utilize computers to analyze the data. Continue to work with both Cities' plumbing departments to cap abandoned cleanouts and service laterals and repair damaged service laterals. Increase the footage of mains that are inspected by video inspection. Continue to implement the GIS and GPS. Continue to develop capital improvement projects for the reduction of inflow and infiltration points in wastewater collection mains. Continue to improve the root eradication program in cooperation with the Utility's sewer collection department utilizing data collected during video inspection. Use the data from flow-monitoring and video to develop both short and long-term goals for the reduction of infiltration and inflow.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
I & I Coordinator	11	1	1
✧ Engineering Field Technician	5	1	1
✧ Engineering Technician II	6	1	1

TEXARKANA WATER UTILITIES

ENGINEERING I&I ABATEMENT- 720

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	186,323	214,643	214,014	238,963
Supplies	6,220	6,205	5,480	6,205
Repairs & Maintenance	13,424	15,392	14,292	15,760
Contractual Services	8,852	9,190	9,267	17,555
Capital Outlay				
TOTAL	214,819	245,430	243,053	278,483

PERSONAL SERVICES

511200	Supervision	61,449	61,897	61,138	66,997
511411	Maintenance & Oper	58,177	68,600	68,526	83,500
511412	Overtime	88	500	3,000	500
511611	Temporary Labor	6,439	9,000	9,000	1,000
512111	Longevity	1,260	1,500	1,200	2,220
512112	Group Insurance	27,012	32,563	26,396	30,376
512114	Retirement	19,714	21,342	22,335	25,851
512115	Social Security	8,702	10,136	10,600	12,257
512116	Workmen's Comp	777	855	877	1,012
512118	Employee Screening		200	200	200
512100	Education & Training	2,667	8,050	6,050	8,050
519998	Sal & Benefit Trfr In				
519999	Sal & Benefit Trfr Out				
TOTAL		186,323	214,643	214,014	238,963

SUPPLIES

521100	Office Supplies & Exp	78	315	315	315
521200	Operating Supplies	4,249	3,500	3,450	3,500
521400	Safety	258	500	625	500
521700	Minor Tools	297	350	350	350
521900	Wearing Apparel	1,177	1,200	550	1,200
522300	Laundry & Janitorial	125	300	150	300
522500	Lab & Photo Sup & Exp				
522700	Printing	36	40	40	40
TOTAL		6,220	6,205	5,480	6,205

REPAIRS & MAINTENANCE

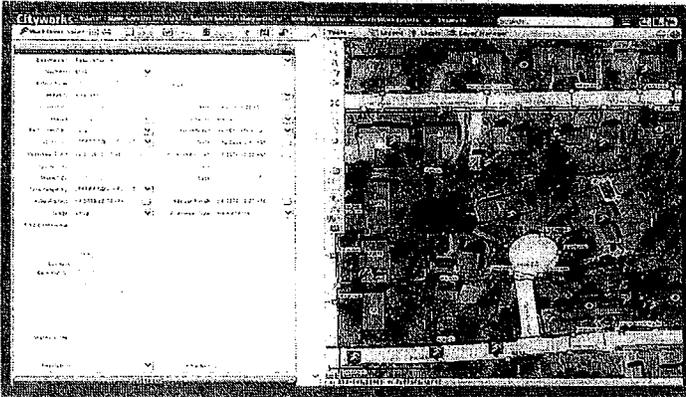
531200	Motor Vehicles	8,596	7,642	6,442	7,910
531700	Machinery & Equipment	4,828	7,750	7,850	7,850

TEXARKANA WATER UTILITIES

ENGINEERING I&I ABATEMENT- 720

		<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
531800	Signal Equipment				
534211	Sewer Collection R&M				
TOTAL		13,424	15,392	14,292	15,760
<u>CONTRACTUAL SERVICES</u>					
541311	Communications	3,985	3,100	3,430	3,430
541711	Equipment Rental				
543400	Insurance	2,934	2,965	2,712	2,900
544100	Maintenance Contracts	1,806	2,575	2,575	10,675
544900	Postage	43	200	200	200
545700	Special Services	84	350	350	350
TOTAL		8,852	9,190	9,267	17,555
<u>CAPITAL OUTLAY</u>					
551111	Furniture & Fixtures				
551114	Machinery & Equipment				
TOTAL					
TOTAL BUDGET		214,819	245,430	243,053	278,483
63.14%	Texas				175,834
36.86%	Arkansas				102,649
					278,483

GIS Development – 740



DESCRIPTION:

Since, the Texarkana Water Utilities is a joint department of the Cities of Texarkana, Arkansas and Texarkana, Texas, which provides water and sewer services to both cities and the surrounding areas, the Utility is continually developing a Geographic Information System to aid all areas of the Utility by improving engineering

design and planning, financial revenue forecasts, system inventories and system operations through the use of digital mapping and spatial analysis for all departments needing such services within the two cities. The use of Geographic Information Systems at the Utility provides valuable information to all areas of the Utility by integrating common database operations such as query and statistical analysis with the unique visualization and geographic analysis benefits offered by maps.

FOCUS:

GIS focuses on the following: creating, editing, and maintaining digital maps, orthophotography, and features attribute data used for water and sewer modeling, mapping, and geographic analysis; analyzing digital maps and relational data to assist daily operations and planning activities throughout the cities; and providing training and support to all City employees who use GIS data. GIS at the Utility will continue to expand the scope and accuracy of all thematic map layers to provide the most up to date mapping information possible. The program will focus this year on continued expansion of web map use, both internal and external, along with building a 3D City for enhanced visualization and planning.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
GIS Manager (Frozen)	11	0	1
◇ GIS Analyst	7	1	1
◇ GIS Field Technician	8	0	0
◇ GIS Technician	6	2	2

TEXARKANA WATER UTILITIES

GIS DEVELOPMENT- 740

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	215,032	255,232	254,678	275,351
Supplies	903	7,450	6,400	7,450
Repairs & Maintenance	1,995	8,550	7,700	8,550
Contractual Services	92,967	104,657	108,453	112,805
Capital Outlay				
TOTAL	310,897	375,889	377,231	404,156

PERSONAL SERVICES

511100	Supervision	5,481		7,500	7,500
511311	Clerical-Regular	17,522	17,725	23,544	17,650
511312	Clerical-Overtime	12			
511411	Maintenance & Oper	113,444	139,225	138,399	138,276
511412	Overtime	487	500	500	500
511611	Temporary Labor		6,500		6,500
512111	Longevity	750	840	900	990
512112	Group Insurance	26,410	35,556	36,433	37,792
512114	Retirement	22,422	25,497	27,701	26,770
512115	Social Security	9,992	12,109	13,146	12,693
512116	Workmen's Comp	1,295	945	1,249	995
512118	Employee Screening		35		35
512121	Certification/License Pay	154		1,000	1,000
512100	Education & Training	17,063	16,300	4,306	24,650
519998	Salary & Ben Trans In				
519999	Salary & Ben Trans Out				
TOTAL		215,032	255,232	254,678	275,351

SUPPLIES

521100	Office Supplies & Exp	650	6,050	5,000	6,050
521200	Operating Supplies	76	1,225	1,225	1,225
521400	Safety	75	75	75	75
521700	Minor Tools		50	50	50
521900	Wearing Apparel	102			
522300	Laundry & Janitorial		50	50	50
522700	Printing				
TOTAL		903	7,450	6,400	7,450

TEXARKANA WATER UTILITIES

GIS DEVELOPMENT- 740

	<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
<u>REPAIRS & MAINTENANCE</u>				
531111 Office Machines & Equip		1,000	1,000	1,000
531200 Motor Vehicles	723	1,350	550	1,350
532100 Building R & M	1,272	6,200	6,150	6,200
TOTAL	1,995	8,550	7,700	8,550
<u>CONTRACTUAL SERVICES</u>				
541311 Communications	17,378	6,500	10,894	10,900
541700 Rentals				
543111 Garbage Hauling				
543400 Insurance	1,936	1,957	1,594	1,705
544100 Maintenance Contracts	71,775	93,500	93,500	97,500
544900 Postage				
545200 Power Purchases	1,711	2,460	2,225	2,460
545700 Special Services	167	240	240	240
TOTAL	92,967	104,657	108,453	112,805
<u>CAPITAL OUTLAY</u>				
551111 Furniture & Equipment				
551121 Software				
TOTAL				
TOTAL BUDGET	310,897	375,889	377,231	404,156
63.14% Texas				255,183
36.86% Arkansas				148,973
				404,156

Environmental Services – 750

DESCRIPTION:

The primary function of the Environmental Services Division is protection - protection of the sanitary sewer collection system, the wastewater treatment plants and the environment through the EPA-mandated and EPA-approved Industrial Pretreatment Program; protection from sanitary sewer stoppages and overflows through the Grease Waste Control Program; and protection of the potable water system through the Backflow Prevention/Cross Connection Program. The Codes of Ordinances contain regulations outlining requirements, limitations and enforcement powers necessary to implement these programs. The Pretreatment Program accomplishes protection through permitting, inspections and sampling of non-domestic users of the sanitary sewer. The Pretreatment Program won National First Place, 2002 EPA Clean Water Act Recognition Award for its organization and effectiveness. The Grease Waste Control Program is nationally recognized and has resulted in a significant reduction of sewer stoppages by requiring regular cleaning of grease traps, upgrade of ineffective traps and installation of new traps where needed. The Backflow Prevention/Cross Connection Control Program identifies sources of potential for contamination to the public drinking water supply and affects controls by requiring appropriate prevention methods.

FOCUS:

Environmental Services will continue to diligently enforce the sewer use ordinances, included in the Pretreatment and Grease Waste Control Programs through permitting, sampling and inspections, assuring full compliance with all applicable regulations. Environmental Services is developing the Backflow Prevention/Cross Connection Program into an organized system in compliance with federal, state and local regulations. This includes working closely with plumbing inspectors and fire marshals, as well as the Utilities' Engineering and Customer Service Divisions to assure new water services are equipped with appropriate protection devices and existing facilities, requiring such devices, are so equipped and tested.

PERSONNEL SCHEDULE

POSITION	CLASS	CURRENT	PROPOSED
Environmental Engineer	10	1	1
✧ Environmental Coordinator	10	1	1
✧ Environmental Specialist	7	1	1
✧ Industrial Pretreatment Coordinator	9	1	1
✧ Pretreatment Specialist	7	1	1

TEXARKANA WATER UTILITIES

ENVIRONMENTAL SERVICES- 750

	<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
<u>EXPENDITURES</u>				
Personal Services	291,761	357,299	307,182	357,134
Supplies	8,398	11,950	8,149	12,675
Repairs & Maintenance	4,223	6,900	2,430	6,985
Contractual Services	26,438	43,730	34,347	46,670
Capital Outlay				
TOTAL	330,820	419,879	352,108	423,464

PERSONAL SERVICES

511100	Supervision	78,550	63,183	62,200	63,033
511311	Clerical-Regular				
511312	Clerical-Overtime				
511411	Maintenance & Oper	108,530	164,300	129,698	151,292
511412	M & O Overtime	435	2,500	500	2,500
511611	Temporary Labor	8,295		12,867	
511811	Stipend				
512111	Longevity	2,100	1,740	1,260	1,500
512112	Group Insurance	35,430	44,882	33,385	43,450
512114	Retirement	31,177	37,325	31,218	37,486
512115	Social Security	13,814	17,727	14,815	17,773
512116	Workmen's Comp	4,017	3,492	3,883	3,500
512118	Employee Screening		50	6	50
512121	Certification/License Pay	1,654		10,500	14,000
512100	Education & Training	7,759	22,100	6,850	22,550
519999	Salary & Ben Trans Out				
TOTAL		291,761	357,299	307,182	357,134

SUPPLIES

521100	Office Supplies	2,110	1,700	2,200	1,850
521200	Operating Supplies	426	1,000	625	1,000
521400	Safety	274	1,700	1,292	2,200
521700	Minor Tools	106	500	150	500
521900	Wearing Apparel	180	450	(103)	525
522300	Laundry & Janitorial	170	200	50	200
522500	Lab & Photo Sup & Exp	1,769	2,900	1,735	2,900
522700	Printing	3,363	3,500	2,200	3,500
TOTAL		8,398	11,950	8,149	12,675

TEXARKANA WATER UTILITIES

ENVIRONMENTAL SERVICES- 750

	<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
<u>REPAIRS & MAINTENANCE</u>				
531111 Office Machines & Eq				
531200 Motor Vehicles	4,154	5,200	2,130	5,285
532100 Building R & M	69	1,700	300	1,700
TOTAL	4,223	6,900	2,430	6,985
<u>CONTRACTUAL SERVICES</u>				
541311 Communications	7,072	11,500	8,000	9,500
543111 Garbage Hauling			275	1,750
543400 Insurance	3,155	3,180	2,722	3,420
543600 Laboratory Services	7,017	12,050	11,450	13,250
543900 Legal	217	650	650	650
544100 Maintenance Contracts	6,604	10,500	9,250	11,500
544900 Postage	175	300	300	300
545200 Power Purchases	1,836	2,500	1,500	3,750
545700 Special Services	362	3,050	200	2,550
TOTAL	26,438	43,730	34,347	46,670
<u>CAPITAL OUTLAY</u>				
551111 Furniture & Equipment				
TOTAL				
TOTAL BUDGET	330,820	419,879	352,108	423,464

63.14%	Texas	267,375
36.86%	Arkansas	156,089
		<u>423,464</u>

Leary – 830/831

DESCRIPTION:

The main objective of this division is to track the maintenance and repairs to the Leary Water System and sewer system, which we operate by contract with the City of Leary.

FOCUS:

The focus of this division is to provide timely, professional and courteous service to the Leary community.

PERSONNEL SCHEDULE

No permanently assigned personnel. Personnel are assigned from various divisions as needed.

Time and other expenses are charged to this division when maintenance or other work is performed for Leary.

TEXARKANA WATER UTILITIES

LEARY- 830

(REIMBURSABLE)

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	8,146	10,362	8,131	8,861
Supplies	1,495		503	500
Repairs & Maintenance	38,060	10,150	9,625	9,100
Contractual Services	112	330	353	380
Capital Outlay				
TOTAL	47,813	20,842	18,612	18,841

PERSONAL SERVICES

511200	Supervision	436	1,000	550	550
511311	Clerical-Regular				
511312	Clerical-Overtime				
511411	Maintenance & Oper	3,295	4,000	3,000	3,500
511412	Overtime	2,119	2,500	2,300	2,300
511414	Standby				
511611	Temporary Labor Service				
512111	Longevity				
512112	Group Insurance	885	1,000	890	1,000
512114	Retirement	977	1,288	943	1,025
512115	Social Security	434	574	448	486
512116	Workmen's Comp				
512117	Unemployment Benefits				
512118	Employee Screening				
512100	Education & Training				
519999	Sal & Ben Transfers Out				
TOTAL		8,146	10,362	8,131	8,861

SUPPLIES

521100	Office Supplies & Exp				
521200	Operating Supplies	41			
521400	Safety	1,454		503	500
521700	Minor Tools				
521900	Wearing Apparel				
522300	Laundry & Janitorial				
TOTAL		1,495		503	500

REPAIRS & MAINTENANCE

531111	Office Machine & Equip				
531200	Motor Vehicles				
531700	Machinery & Equip				

TEXARKANA WATER UTILITIES

LEARY- 830

(REIMBURSABLE)

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>	
	<i>18-19</i>	<i>19-20</i>	<i>19-20</i>	<i>20-21</i>	
531800	Signal Equipment				
532100	Building R & M				
533100	Water Treatment Equip	3,243	2,000	2,575	2,000
533212	Treated Water Tran Main	5,922	500	500	500
533311	Water Distribution Mains	7,094	1,500	2,000	2,000
533411	Water Services	251	1,500	1,500	1,500
533511	Fire Hydrants	540	500	500	500
533612	Other Tanks & Reservoirs				
534211	Sewer Collection	857	350	350	350
534594	Leary Lift Station R & M	18,457	250	250	250
534595	Leary-Chesterfield LS R & M	16	250	250	250
539998	Equipment Utilization	1,680	3,300	1,700	1,750
539999	Equipment Apportionment				
TOTAL		38,060	10,150	9,625	9,100

CONTRACTUAL SERVICES

541311	Communications				
541700	Rentals				
541900	Fees & Permits				
543111	Garbage Hauling				
543400	Insurance				
543600	Laboratory Services	112	300	323	350
544100	Maintenance Contracts				
544900	Postage		30	30	30
545200	Power Purchases				
545700	Special Services				
TOTAL		112	330	353	380

CAPITAL OUTLAY

551114 Machinery & Equipment

TOTAL

TOTAL BUDGET

47,813 20,842 18,612 18,841

TEXARKANA WATER UTILITIES

LEARY- 831

	<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
<u>EXPENDITURES</u>				
Personal Services	6,969	8,829	8,215	8,621
Supplies				
Repairs & Maintenance				
Contractual Services				
Capital Outlay				
TOTAL	6,969	8,829	8,215	8,621

PERSONAL SERVICES

511200	Supervision	358	800	400	550
511411	Maintenance & Oper	541	1,225	600	700
511412	Overtime	48	100	100	100
511414	Standby				
511611	Temporary Labor Service				
512111	Longevity				
512112	Group Insurance	135	200	150	200
512114	Retirement	153	341	177	218
512115	Social Security	72	163	84	103
512116	Workmen's Comp				
512117	Unemployment Benefits				
512118	Employee Screening				
512100	Education & Training				
519998	Sal & Ben Transfers In	5,662	6,000	6,704	6,750
519999	Sal & Ben Transfers Out				
TOTAL		6,969	8,829	8,215	8,621

SUPPLIES

521100	Office Supplies & Exp				
521200	Operating Supplies				
521400	Safety				
521700	Minor Tools				
521900	Wearing Apparel				
522300	Laundry & Janitorial				
TOTAL					

REPAIRS & MAINTENANCE

531111	Office Machine & Equip				
531200	Motor Vehicles				
531700	Machinery & Equip				
531800	Signal Equipment				

TEXARKANA WATER UTILITIES

LEARY- 831

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
	<i>18-19</i>	<i>19-20</i>	<i>19-20</i>	<i>20-21</i>
532100 Building R & M				
533311 Water Distribution Mains				
533411 Water Services R&M				
533511 Fire Hydrants				
539999 Equipment Apportionment				
TOTAL				
<u>CONTRACTUAL SERVICES</u>				
541311 Communications				
541700 Rentals				
541900 Fees & Permits				
543111 Garbage Hauling				
543400 Insurance				
543600 Laboratory Services		150		
544100 Maintenance Contracts				
544900 Postage				
545200 Power Purchases				
545700 Special Services				
TOTAL				
<u>CAPITAL OUTLAY</u>				
551114 Machinery & Equipment				
TOTAL				
TOTAL BUDGET	6,969	8,829	8,215	8,621

Miller County Public Water Authority – 833/834

DESCRIPTION:

The main objective of this division is to track the maintenance and repairs to the Miller County Public Water Authority Water System (MCPWA), which we operate by contract with the MCPWA.

FOCUS:

The focus of this division is to provide timely, professional and courteous service to the Genoa area of Texarkana, Arkansas serviced by the MCPWA.

PERSONNEL SCHEDULE

No permanently assigned personnel. Personnel are assigned from various divisions as needed.

Time and other expenses are charged to this division when maintenance or other work is performed for MCPWA.

TEXARKANA WATER UTILITIES

MILLER COUNTY PUBLIC WATER AUTHORITY- 833

(REIMBURSABLE)

	<i>Actual</i> <i>18-19</i>	<i>Budget</i> <i>19-20</i>	<i>Revised</i> <i>19-20</i>	<i>Budget</i> <i>20-21</i>
<u>EXPENDITURES</u>				
Personal Services		2,153	309	2,154
Supplies		250	250	250
Repairs & Maintenance	3,035	8,375	4,250	6,325
Contractual Services				
Capital Outlay				
TOTAL	3,035	10,778	4,809	8,729

PERSONAL SERVICES

511200	Supervision		700		700
511311	Clerical-Regular				
511312	Clerical-Overtime				
511411	Maintenance & Oper		500	200	500
511412	Overtime		500	50	500
511414	Standby				
511611	Temporary Labor Service				
512111	Longevity				
512112	Group Insurance		50		50
512114	Retirement		273	40	274
512115	Social Security		130	19	130
512116	Workmen's Comp				
512117	Unemployment Benefits				
512118	Employee Screening				
512100	Education & Training				
519999	Sal & Ben Transfers Out				
TOTAL			2,153	309	2,154

SUPPLIES

521100	Office Supplies & Exp				
521200	Operating Supplies				
521400	Safety		250	250	250
521700	Minor Tools				
521900	Wearing Apparel				
522300	Laundry & Janitorial				
TOTAL			250	250	250

REPAIRS & MAINTENANCE

531111	Office Machine & Equip				
531200	Motor Vehicles				
531700	Machinery & Equip				

TEXARKANA WATER UTILITIES

MILLER COUNTY PUBLIC WATER AUTHORITY- 833

(REIMBURSABLE)

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
	<i>18-19</i>	<i>19-20</i>	<i>19-20</i>	<i>20-21</i>
531800				
532100				
533100	1,905	1,500	1,500	1,500
533113				
533212		300	750	750
533311				
533411	1,130	6,500	2,000	4,000
533511		75		75
533612				
539999				
TOTAL	3,035	8,375	4,250	6,325

CONTRACTUAL SERVICES

541311	Communications
541700	Rentals
541900	Fees & Permits
543111	Garbage Hauling
543400	Insurance
543600	Laboratory Services
544100	Maintenance Contracts
544900	Postage
545200	Power Purchases
545700	Special Services

TOTAL

CAPITAL OUTLAY

551114	Machinery & Equipment
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TOTAL

TOTAL BUDGET

3,035	10,778	4,809	8,729
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TEXARKANA WATER UTILITIES

MILLER COUNTY PUBLIC WATER AUTHORITY- 834

	<i>Actual 18-19</i>	<i>Budget 19-20</i>	<i>Revised 19-20</i>	<i>Budget 20-21</i>
<u>EXPENDITURES</u>				
Personal Services	3,334	16,084	8,541	11,899
Supplies				
Repairs & Maintenance	1,355	3,600	2,100	3,600
Contractual Services		200		200
Capital Outlay				
TOTAL	4,689	19,884	10,641	15,699

PERSONAL SERVICES

511200	Supervision	352	4,468	1,350	1,400
511411	Maintenance & Oper	1,376	4,000	2,500	4,000
511412	Overtime	726	3,000	2,000	3,000
511414	Standby				
511611	Temporary Labor Service				
512111	Longevity				
512112	Group Insurance	307	1,896	1,300	1,500
512114	Retirement	396	1,843	943	1,356
512115	Social Security	177	877	448	643
512116	Workmen's Comp				
512117	Unemployment Benefits				
512118	Employee Screening				
512100	Education & Training				
519998	Sal & Ben Transfers In				
519999	Sal & Ben Transfers Out				
TOTAL		3,334	16,084	8,541	11,899

SUPPLIES

521100	Office Supplies & Exp
521200	Operating Supplies
521400	Safety
521700	Minor Tools
521900	Wearing Apparel
522300	Laundry & Janitorial
TOTAL	

REPAIRS & MAINTENANCE

531111	Office Machine & Equip
531200	Motor Vehicles
531700	Machinery & Equip
531800	Signal Equipment

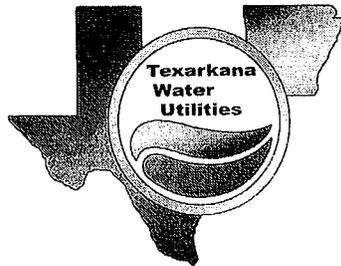
TEXARKANA WATER UTILITIES

MILLER COUNTY PUBLIC WATER AUTHORITY- 834

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
	<i>18-19</i>	<i>19-20</i>	<i>19-20</i>	<i>20-21</i>
532100 Building R & M				
533311 Water Distribution Mains				
533411 Water Services		100	100	100
533511 Fire Hydrants				
539998 Equipment Utilization	1,355	3,500	2,000	3,500
539999 Equipment Apportionment				
TOTAL	1,355	3,600	2,100	3,600
<u>CONTRACTUAL SERVICES</u>				
541311 Communications				
541700 Rentals				
541900 Fees & Permits				
543111 Garbage Hauling				
543400 Insurance				
543600 Laboratory Services		150		150
544100 Maintenance Contracts				
544900 Postage		50		50
545200 Power Purchases				
545700 Special Services				
TOTAL		200		200
<u>CAPITAL OUTLAY</u>				
551114 Machinery & Equipment				
TOTAL				
TOTAL BUDGET	4,689	19,884	10,641	15,699

Section V

Debt Services



TEXARKANA WATER UTILITIES
COMBINED ARKANSAS AND TEXAS DEBT SERVICE
All Revenue Bonds

	Total Principal	Total Interest	Principal & Interest
2021	1,455,526.34	271,405.20	1,726,931.54
2022	1,323,862.30	225,435.74	1,549,298.04
2023	1,372,893.65	180,786.89	1,553,680.54
2024	1,158,453.18	135,805.36	1,294,258.54
2025	1,051,594.95	92,653.33	1,144,248.28
2026	243,860.05	51,375.26	295,235.31
2027	120,000.00	44,393.78	164,393.78
2028	125,000.00	39,293.78	164,293.78
2029	130,000.00	33,668.78	163,668.78
2030	135,000.00	27,818.78	162,818.78
2031	145,000.00	21,575.02	166,575.02
2032	150,000.00	14,868.76	164,868.76
2033	155,000.00	7,556.26	162,556.26
	7,566,190.47	1,146,636.94	8,712,827.41

TEXARKANA ARKANSAS WATER UTILITIES
CITY OF TEXARKANA, ARKANSAS PUBLIC FACILITIES BOARD
All Revenue Bonds
Schedule of Principal and Interest

Fiscal Year	Total Principal	Total Interest	Total Principal & Interest
2021	1,175,526.34	197,771.42	1,373,297.76
2022	1,043,862.30	157,079.46	1,200,941.76
2023	1,082,893.65	118,120.61	1,201,014.26
2024	1,053,453.18	77,924.08	1,131,377.26
2025	941,594.95	38,972.05	980,567.00
2026	128,860.05	2,093.98	130,954.03
Totals	5,426,190.47	591,961.60	6,018,152.07

TEXARKANA ARKANSAS WATER UTILITIES
CITY OF TEXARKANA, ARKANSAS PUBLIC FACILITIES BOARD
1998 Sewer Facilities Construction Revenue Bond
Schedule of Principal and Interest
(Remaining of Original \$4,100,000)

Fiscal Year	Rate	Principal October 15	Interest October 15	Principal April 15	Interest April 15	Total Principal & Interest
2021	3.75%	143,929.00	2,698.00			146,627.00
Totals		143,929.00	2,698.00	0.00	0.00	146,627.00

Sewer 100%

TEXARKANA ARKANSAS WATER UTILITIES
CITY OF TEXARKANA, ARKANSAS PUBLIC FACILITIES BOARD
1998-B Sewer Facilities Construction Revenue Bond
Schedule of Principal and Interest
(Remaining of Original \$750,000)

Fiscal Year	Rate	Principal October 15	Interest October 15	Principal April 15	Interest April 15	Total Principal & Interest
2021	3.75%	26,340.00	494.00			26,834.00
Totals		26,340.00	494.00	0.00	0.00	26,834.00

Sewer 100%

TEXARKANA ARKANSAS WATER UTILITIES
CITY OF TEXARKANA, ARKANSAS PUBLIC FACILITIES BOARD
2001 Sewer Facilities Construction Revenue Bond
Schedule of Principal and Interest
(Remaining of Original \$1,000,000)

Fiscal Year	Rate	Principal October 15	Interest October 15	Principal April 15	Interest April 15	Total Principal & Interest
2021	3.25%	31,043.00	3,152.00	31,547.00	2,648.00	68,390.00
2022	3.25%	32,060.00	2,135.00	32,581.00	1,614.00	68,390.00
2023	3.25%	33,110.00	1,085.00	33,629.00	546.00	68,370.00
		96,213.00	6,372.00	97,757.00	4,808.00	205,150.00

Sewer 100%

TEXARKANA ARKANSAS WATER UTILITIES
CITY OF TEXARKANA, ARKANSAS PUBLIC FACILITIES BOARD
2004A Water Facilities Acquisition Revenue Bond
Schedule of Principal and Interest
(Remaining of Original \$2,170,000)

Fiscal Year	Rate	Principal October 15	Interest October 15	Principal April 15	Interest April 15	Total Principal & Interest
2021	3.25%	65,226.00	8,977.00	66,286.00	7,917.00	148,406.00
2022	3.25%	67,363.00	6,840.00	68,457.00	5,746.00	148,406.00
2023	3.25%	69,570.00	4,633.00	70,700.00	3,503.00	148,406.00
2024	3.25%	71,850.00	2,353.00	72,990.00	1,186.00	148,379.00
		274,009.00	22,803.00	278,433.00	18,352.00	593,597.00

Water 100%

TEXARKANA ARKANSAS WATER UTILITIES
CITY OF TEXARKANA, ARKANSAS PUBLIC FACILITIES BOARD
2004B Water Facilities Improvement Revenue Bond
Schedule of Principal and Interest
(Remaining of Original \$3,830,000)

Fiscal Year	Rate	Principal October 15	Interest October 15	Principal April 15	Interest April 15	Total Principal & Interest
2021	3.25%	109,686.47	21,279.53	111,468.87	19,497.13	261,932.00
2022	3.25%	113,280.25	17,685.75	115,121.05	15,844.95	261,932.00
2023	3.25%	116,991.77	13,974.23	118,892.88	12,073.12	261,932.00
2024	3.25%	120,824.89	10,141.11	122,788.29	8,177.71	261,932.00
2025	3.25%	124,783.61	6,182.39	126,811.34	4,154.66	261,932.00
2026	3.25%	128,860.05	2,093.98			130,954.03
		714,427.04	71,356.99	595,082.43	59,747.57	1,440,614.03

Water 100%

TEXARKANA ARKANSAS WATER UTILITIES
CITY OF TEXARKANA, ARKANSAS PUBLIC FACILITIES BOARD
2007 Waterworks Facilities Revenue Refunding Bonds
Schedule of Principal and Interest
(Remaining of Original \$9,085,000)

Fiscal Year	Rate	Principal September 1	Interest March 1	Interest September 1	Total Principal & Interest
2021	4.050%	590,000.00	65,554.38	65,554.38	721,108.76
2022	4.050%	615,000.00	53,606.88	53,606.88	722,213.76
2023	4.100%	640,000.00	41,153.13	41,153.13	722,306.26
2024	4.125%	665,000.00	28,033.13	28,033.13	721,066.26
2025	4.150%	690,000.00	14,317.50	14,317.50	718,635.00
Totals		3,200,000.00	202,665.02	202,665.02	3,605,330.04

Water 98.40%
Sewer 1.60%

TEXARKANA TEXAS WATER UTILITIES
CITY OF TEXARKANA, TEXAS
All Revenue Bonds
Schedule of Principal and Interest

Fiscal Year	Total Principal	Total Interest	Total Principal & Interest
2021	280,000.00	73,633.78	353,633.78
2022	280,000.00	68,356.28	348,356.28
2023	290,000.00	62,666.28	352,666.28
2024	105,000.00	57,881.28	162,881.28
2025	110,000.00	53,681.28	163,681.28
2026	115,000.00	49,281.28	164,281.28
2027	120,000.00	44,393.78	164,393.78
2028	125,000.00	39,293.78	164,293.78
2029	130,000.00	33,668.78	163,668.78
2030	135,000.00	27,818.78	162,818.78
2031	145,000.00	21,575.02	166,575.02
2032	150,000.00	14,868.76	164,868.76
2033	155,000.00	7,556.26	162,556.26
Totals	2,140,000.00	554,675.34	2,694,675.34

TEXARKANA TEXAS WATER UTILITIES
CITY OF TEXARKANA, TEXAS
2013 Waterworks and Sewer System Revenue Bonds
Schedule of Principal and Interest
(Remaining of Original \$2,200,000)

Fiscal Year	Rate	Interest February 1	Interest August 1	Principal August 1	Total Principal & Interest
2021	3.250%	34,071.89	34,071.89	95,000.00	163,143.78
2022	3.500%	32,528.14	32,528.14	100,000.00	165,056.28
2023	3.500%	30,778.14	30,778.14	105,000.00	166,556.28
2024	4.000%	28,940.64	28,940.64	105,000.00	162,881.28
2025	4.000%	26,840.64	26,840.64	110,000.00	163,681.28
2026	4.250%	24,640.64	24,640.64	115,000.00	164,281.28
2027	4.250%	22,196.89	22,196.89	120,000.00	164,393.78
2028	4.500%	19,646.89	19,646.89	125,000.00	164,293.78
2029	4.500%	16,834.39	16,834.39	130,000.00	163,668.78
2030	4.625%	13,909.39	13,909.39	135,000.00	162,818.78
2031	4.625%	10,787.51	10,787.51	145,000.00	166,575.02
2032	4.875%	7,434.38	7,434.38	150,000.00	164,868.76
2033	4.875%	3,778.13	3,778.13	155,000.00	162,556.26
		272,387.67	272,387.67	1,590,000.00	2,134,775.34

TEXARKANA TEXAS WATER UTILITIES
CITY OF TEXARKANA, TEXAS
2020 General Obligation Refunding Bonds
Schedule of Principal and Interest
(Refunded 04 W&S Bonds)

Date	Rate	Principal	Interest	Total Principal & Interest
9/30/21	1.200%	185,000.00	5,490.00	190,490.00
9/30/22	1.200%	180,000.00	3,300.00	183,300.00
9/30/23	1.200%	185,000.00	1,110.00	186,110.00
Totals		550,000.00	9,900.00	559,900.00

Sewer 100%



CITY OF TEXARKANA, AR BOARD OF DIRECTORS

AGENDA TITLE: Adopt a Resolution authorizing the City Manager to enter into a contract with Kesser International to complete the Nix Creek Dredging and Bank Stabilization Project. (PWD) Public Works Director Tyler Richards

AGENDA DATE: September 20, 2021

ITEM TYPE: Ordinance Resolution Other : _____

DEPARTMENT: Public Works Department

PREPARED BY: Tyler Richards, Public Works Director

REQUEST: Enter into a contract with Kesser International to complete the Nix Creek Dredging and Bank Stabilization Project

EMERGENCY CLAUSE: N/A

SUMMARY: The Public Works Department would like to enter into a contract in the amount of \$647,865.76 with Kesser International to complete the Nix Creek Dredging and Bank Stabilization Project.

All bidding requirements were met. Project was publicly advertised for two weeks and received one bid from Kesser International. Although we only received one bid, this bid came in below our estimate and within our budget. Funds were budgeted within the General Fund.

EXPENSE REQUIRED: \$647,865.76 (101-181-54008-50501 Nix Creek Drainage Study & Improvements)

AMOUNT BUDGETED: \$668,500.00

APPROPRIATION REQUIRED: N/A

RECOMMENDED ACTION: City Manager and staff recommend board approval.

EXHIBITS: Resolution and Bid Documents

RESOLUTION NO. _____

WHEREAS, upon advertisement a low bid in the amount of \$647,865.76 was submitted for the Nix Creek Dredging and Bank Stabiliation Project by Kesser International, Inc.; and

WHEREAS, funds for such construction are budgeted; and

WHEREAS, the City Manager and staff recommend Board approval;

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the City of Texarkana, Arkansas, that the City Manager is authorized to enter into a contract with Kesser International, Inc., for the purposes and in the amount set forth above.

PASSED AND APPROVED this 20th day of September, 2021.

Allen L. Brown, Mayor

ATTEST:

Heather Soyars, City Clerk

APPROVED:

George Matteson, City Attorney

BID PROPOSAL

TO: Tyler Richards, P.E.
Public Works Director

FOR: City of Texarkana
Nix Creek Improvements

The undersigned, as bidder, declares that the only person or parties interested in this proposal as principals are those named herein; that this proposal is made without collusion with any other person, firm, or corporation; that he has carefully examined the form of Contract, Notice to Bidders, and Specifications therein referred to, and has carefully examined the locations, conditions and classes of materials of the proposed work; and agrees that he will provide all the necessary labor, machinery, tools, apparatus, and other items incidental to construction, and will do all the work and furnish all the materials called for in the Contract and Specifications in the manner prescribed therein and according to the requirements of the Engineer as therein set forth.

It is further agreed that the quantities of work to be done at unit prices and materials to be furnished may be increased or diminished as may be considered necessary, in the opinion of the Engineer, to complete the work fully as planned and contemplated, and that all quantities of work, whether increased or decreased, are to be performed at the unit prices set forth below except as provided for in the Specifications.

It is further agreed that lump sum prices may be increased to cover additional work ordered by the Engineer, but not required by the Specifications, in accordance with the provisions of the General Conditions. Similarly, they may be decreased to cover deletion of work so ordered.

It is understood and agreed that the work is to be completed in full within **100 calendar days** beginning on the date stated in the work order on which work is to be commenced. The City of Texarkana, AR shall withhold, permanently from the Contractor's total compensation, the sum of Five Hundred Dollars (\$500.00) per calendar day for liquidated damages.

Accompanying this proposal is a certified or cashier's check or bid bond, payable to the City of Texarkana for

N/A

_____ Dollars (\$_____).

The bid security accompanying this proposal shall be returned to the bidder, unless in case of the acceptance of the proposal the bidder shall fail to execute a Contract and to file a performance and payment bonds within fifteen days after its acceptance, in which case the bid security shall become the property of the City of Texarkana and shall be considered as payment for damages due to delay and other inconveniences suffered by the Owner on account of such failure of the bidder. It is understood that the City of

Texarkana reserves the right to reject any and all bids and to waive any informalities in the bidding.

In the event of the award of a Contract to the undersigned, the undersigned will furnish a Performance and Payment Bond each for the full amount of the Contract to secure proper compliance with the terms and provisions of the Contract, to insure and guarantee the work until final completion and acceptance, and to guarantee Payment of all lawful claims for labor performed and materials furnished in the fulfillment of the Contract.

The undersigned certifies that the bid prices contained in this proposal have been carefully checked and are submitted as correct and final.

NOTE:--Unit and lump sum prices must be shown in words and in figures for each item listed in this Proposal, and in the event of discrepancy, the words shall control. Should bid prices on any items be omitted, the right is reserved to apply the lowest prices submitted under this Proposal. In the event of discrepancies, the Owner reserves the right to accept or reject informalities.

Receipt is hereby acknowledged of the following addenda to the Contract Documents:

Addendum No. 1 dated 8/23/21 Rec. via mail Rec. via fax _____
Addendum No. 2 dated _____ Rec. via mail _____ Rec. via fax _____
Addendum No. 3 dated _____ Rec. via mail _____ Rec. via fax _____

CONTRACTOR: KESSER INTERNATIONAL, INC

BY: Ralph DL

NAME: RALPH P. VINES II

TITLE: PRESIDENT

ADDRESS: 204 EAST 13TH ST NORTH LITTLE ROCK, AR 72114
(Street Address or Physical Address)

MAILING ADDRESS: P.O. BOX 723 LITTLE ROCK, AR 72203
(P. O. Box)

CITY, COUNTY & STATE: LITTLE ROCK, PULASKI, ARKANSAS

ZIP: 72203

TELEPHONE: 501-244-2450 FAX: 501-244-2451

Nix Creek Improvements

City of Texarkana, Arkansas

BID PROPOSAL

<u>ITEM</u>	<u>QTY/UNIT</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
1.	1,250 L.F.	Perform maintenance & cleaning operations of Nix Creek (Station 10+00 to 22+50) to include removal and disposal off-site of debris in the creek flowpath, clearing and grubbing operations located within the top of banks, and minor grading of existing channel bottom and sideslopes to include all labor, equipment, disposal, and compaction in accordance with the plans and specifications for the linear foot price of creek length of <u>Sixty</u> Dollars and <u>three</u> Cents/L.F.	<u>\$ 60.03</u>	<u>\$ 75,037.50</u>
2.	1,250 L.F.	Provide and Install Nix Creek side slope improvements (Station 10+00 to 22+50) to include excavation, removal of asphalt trail, trees, grading, and offsite disposal of material, as necessary to modify the current bank to the desired slope including all labor, equipment, and material and as described in the plans and specifications for the linear foot price of creek length of <u>Sixty three</u> Dollars and <u>thirty Four</u> Cents/L.F.	<u>\$ 62.34</u>	<u>\$ 77,925.00</u>

BID PROPOSAL
(Cont'd)

<u>ITEM</u>	<u>QTY/UNIT</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
3.	685 LF	Provide and Install channel sideslope armor matting system in accordance with manufacturer recommendations extending from toe of slope to 24" beyond top of bank at the locations shown in the plans and further described in the specifications for the linear foot of top of bank price of <i>One Hundred thirty two Dollars and Seventy six Cents/LF</i>	<i>\$132.76</i>	<i>\$90,940.60</i>
4.	585 LF	Provide and Install gabion basket system (4-ft height) With channel sideslope armor to top of bank, including Fill material, anchors, labor and equipment necessary To install the system in accordance with manufacturer recommendations extending from toe of slope to beyond top of bank at the locations shown in the plans and further described in the specifications for the linear foot of bank price of <i>One Hundred Seventy seven Dollars and Seventy eight Cents/LF</i>	<i>\$177.78</i>	<i>\$104,001.30</i>

BID PROPOSAL
(Cont'd)

<u>ITEM</u>	<u>QTY/UNIT</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
5.	520 S.Y.	Installation of Hot-Mix Asphalt Trail Pavement (2-inch thk) including but not limited to tack coat, compaction, equipment, supplies, and incidentals to the project site for the unit price of <u>thirty three</u> Dollars and <u>Forty eight</u> Cents/S.Y.	\$ <u>33.48</u>	\$ <u>17,409.60</u>
6.	520 S.Y.	Installation of Aggregate Base (6-inch thk) including but not limited to compaction, equipment, supplies, and incidentals to the project site for the unit price of <u>twenty nine</u> Dollars and <u>Forty Four</u> Cents/ S.Y.	\$ <u>29.44</u>	\$ <u>15,308.80</u>

BID PROPOSAL
(Cont'd)

<u>ITEM</u>	<u>QTY/UNIT</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
7.	3 ACRES	Perform hydroseeding with installation of matting with approved ARDOT Seed mixture to establish permanent vegetation Along channel sideslopes upon final grading of work Areas as shown in the plans and specifications for the unit price of: <i>Four thousand Three Hundred Eighty Six Dollars and</i>	<i>4,386.72</i>	<i>13,160.16</i>
8.	3 ACRES	Perform seeding (Spring/Summer of 2022) with approved ARDOT Seed mixture to establish permanent vegetation Along channel sideslopes upon final grading of work Areas as shown in the plans and specifications for the unit price of: <i>One thousand Seven Hundred Thirty One Dollars and</i>	<i>1,731.60</i>	<i>5,194.80</i>

BID PROPOSAL
(Cont'd)

<u>ITEM</u>	<u>QTY/UNIT</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
9.	1 LS	Perform removal and disposal of sediment deposit In Nix Creek at Preston Street drainage structure (Area #1) To include cleaning out existing multi-box culvert. Creek channel shall be restored to flowline elevation to ensure positive drainage in accordance with plans and specifications for the unit price of: <i>Eight Six Thousand Five Hundred Fifty</i> Dollars and		
		<i>NO cost</i>	<i>\$ 86,580.00</i>	<i>\$ 86,580.00</i>
10.	1 LS	Perform removal and disposal of sediment deposit in Nix Creek near Legion Drive & Jackson Street (Area #2) to restore creek to original flowline and to ensure positive drainage in accordance with plans and specifications for the lump sum price of: <i>One Hundred Twenty One Thousand Two Hundred Twelve</i> Dollars and		
		<i>NO cost</i>	<i>\$ 121,212.00</i>	<i>\$ 121,212.00</i>

BID PROPOSAL
(Cont'd)

<u>ITEM</u>	<u>QTY/UNIT</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
11.	400 SY	Provide and Install rock rip-rap (8" minus) sideslope Protection to include preparing the slope, installing Geotextile fabric from toe of slope to top of bank at the locations shown in the plans and further described in the specifications for the square yard installed price of <i>One Hundred three</i> Dollars and <i>Twenty Four</i> Cents/SY	\$ 102.74	\$ 41,096.00
SCHEDULE B: TOTAL OF ITEMS 1-11				\$ 647,865.76

Notes:

Contractor shall submit bids and hold price for a period of up to 90 days from the bid opening. All work shall be done in accordance with ADEQ Short Term Activity Authorization and Corps of Engineer Permit Requirements as provided in the specifications.

Items that are subsidiary to performing the work shall include all labor, equipment, and materials shall be supplied by the contractor. Existing utilities and improvements including asphalt walking trails shall be protected during construction. Protection measures shall be approved by the engineer prior to construction.

A wetland delineation has been performed and areas are further noted in the plans. The contractor is responsible to protect these areas during construction.

Haul routes along the creek bank shall be restored to original condition upon completion of the work. This area is not included in seeding / revegetation and shall be considered subsidiary to the work.

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, Kesser International, Inc., as Principal, and The Cincinnati Insurance Company as Surety, are hereby held and firmly bound unto City of Texarkana, Arkansas, as OWNER in the penal sum of Five (5%) Percent of the Amount Bid for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors and assigns.

Signed, this 8th day of September, 2021. The Condition of the above obligation is such that whereas the Principal has submitted to City of Texarkana, Arkansas a certain BID, attached hereto and hereby made a part hereof to enter into a contract in writing, for the Nix Creek Dredging and Bank Stabilization Improvements

NOW, THEREFORE,

- (a) If said BID shall be rejected, or
- (b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attachment hereto (properly completed in accordance with said BID) and shall furnish a BOND for faithful performance of said contract, and for the payment of all persons performing labor furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

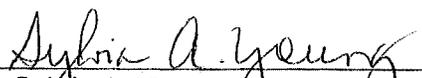
Kesser International, Inc.


Principal

The Cincinnati Insurance Company

Surety

By:


Sylvia A. Young, Attorney-in-Fact

IMPORTANT - Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized in accordance with Section 22 of the General Conditions to transact business in the State of Arkansas.

THE CINCINNATI INSURANCE COMPANY
THE CINCINNATI CASUALTY COMPANY

Fairfield, Ohio

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That THE CINCINNATI INSURANCE COMPANY and THE CINCINNATI CASUALTY COMPANY, corporations organized under the laws of the State of Ohio, and having their principal offices in the City of Fairfield, Ohio (herein collectively called the "Companies"), do hereby constitute and appoint

Michael Halter; Kevin Bruick; Sylvia A. Young; Carolyn Hunter; Sherese D. Escovedo; Ken Estes; Brian A. Boyd; Jody Lensing; Shana Meyer; Miki J. Rogers; J. Alan Rogers and/or Landon Fisher

of Little Rock, Arkansas their true and legal Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and deliver on behalf of the Companies as Surety, any and all bonds, policies, undertakings or other like instruments, as follows:

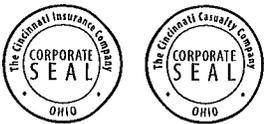
Any such obligations in the United States, up to
Forty Million and No/100 Dollars (\$40,000,000.00)

This appointment is made under and by authority of the following resolutions adopted by the Boards of Directors of The Cincinnati Insurance Company and The Cincinnati Casualty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the President or any Vice President be hereby authorized, and empowered to appoint Attorneys-in-Fact of the Company to execute any and all bonds, policies, undertakings, or other like instruments on behalf of the Corporation, and may authorize any officer or any such Attorney-in-Fact to affix the corporate seal; and may with or without cause modify or revoke any such appointment or authority. Any such writings so executed by such Attorneys-in-Fact shall be binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company.

RESOLVED, that the signature of the President or a Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary and the Seal of the Company may be affixed by facsimile to any certificate of any such power and any such power of certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS WHEREOF, the Companies have caused these presents to be sealed with their corporate seals, duly attested by their President or a Senior Vice President this 19th day of December, 2018.



STATE OF OHIO)SS:
COUNTY OF BUTLER)

THE CINCINNATI INSURANCE COMPANY
THE CINCINNATI CASUALTY COMPANY

Stephen A. Ventre

On this 19th day of December, 2018 before me came the above-named President or Vice President of The Cincinnati Insurance Company and The Cincinnati Casualty Company, to me personally known to be the officer described herein, and acknowledged that the seals affixed to the preceding instrument are the corporate seals of said Companies and the corporate seals and the signature of the officer were duly affixed and subscribed to said instrument by the authority and direction of said corporations.

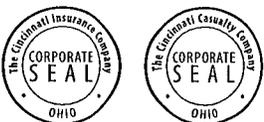


Keith Collett

Keith Collett, Attorney at Law
Notary Public – State of Ohio
My commission has no expiration date.
Section 147.03 O.R.C.

I, the undersigned Secretary or Assistant Secretary of The Cincinnati Insurance Company and The Cincinnati Casualty Company, hereby certify that the above is the Original Power of Attorney issued by said Companies, and do hereby further certify that the said Power of Attorney is still in full force and effect.

Given under my hand and seal of said Companies at Fairfield, Ohio, this 1st day of September, 2021.



Ed H.

September 8, 2021

E. Jay Ellington, City Manager
City of Texarkana, Arkansas
216 Walnut Street
Texarkana, Arkansas 71854

RE: Texarkana Nix Creek Dredging & Bank Stabilization
Texarkana, Arkansas / Bid Recommendation

Dear Mr. Ellington:

On Wednesday September 8th, 2021 a bid opening was conducted at City Hall for the referenced project. A single qualified bid was received that met the bidding requirements. We have reviewed the bid and found it to be an acceptable bid from a qualified contractor. A bid tabulation is further provided of the three low bids and summarized below:

Kesser International \$647,865.76

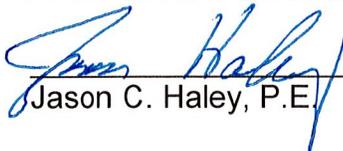
Kesser International is from North Little Rock, Arkansas. The statement of qualifications provided has listed them as completing two projects of similar nature for ARDOT and the NRCS in the past 2 years. Furthermore, Kesser International has an active contractor's license in Arkansas to complete municipal projects. We recommend award of the trail project (contingent upon COE Permit approval) to Kesser International, Inc. in the amount of Six Hundred Forty-Seven Thousand, Eight Hundred Sixty-Five Dollars and seventy-six cents (\$647,865.76).

The scope of the project includes Nix Creek cleaning, bank grading, bank protection with permanent erosion matting as well as creek dredging at multiple locations. The main component of this work will take place south of E 35th Street where the creek banks have severely eroded. Dredging will take place near Preston Street and further south near the railroad crossing by Pondexter Sports Complex.

If you have any questions or require additional information, please contact me.

Sincerely,

A. L. FRANKS ENGINEERING, INC.



Jason C. Haley, P.E.

CC: Tyler Richards, PW Director

CITY OF TEXARKANA, ARKANSAS
NIX CREEK IMPROVEMENTS
WEDNESDAY, SEPTEMBER 8, 2021 AT 2:00 P.M.
BID TABULATION

<u>KESSER INTERNATIONAL, INC.</u>					
ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	1,250	L.F.	Perform maintenance & cleaning operations of Nix Creek (Station 10+00 to 22+50) to include removal and disposal off-site debris in the creek flowpath, clearing and grubbing operations located within the top of banks, and minor grading of existing channel bottom and sideslopes to include all labor, equipment, disposal, and compaction in accordance with the plans and specifications for the linear foot price of creek length of	\$60.03	\$75,037.50
2	1,250	L.F.	Provide and Install Nix Creek side slope improvements (Station 10+00 to 22+50) to include excavation, removal of asphalt trail, trees, grading, and offsite disposal of material, as necessary to modify the current bank to the desired slope including all labor, equipment, and material and as described in the plans and specifications for the linear foot price creek length of	\$62.34	\$77,925.00
3	685	L.F.	Provide and Install channel sideslope armor matting system in accordance with manufacturer recommendations extending from toe of slope to 24" beyond top of bank at the locations shown in the plans and further described in the specifications for the linear foot of top of bank price of	\$132.76	\$90,940.60
4	585	L.F.	Provide and Install gabion basket system (4-ft height) with channel sideslope armor to top of bank, including fill material, anchors, labor and equipment necessary to install the system in accordance with manufacturer recommendations extending from toe of slope to beyond top of bank at the locations shown in the plans and further described in the specifications for the linear foot bank price of	\$177.78	\$104,001.30
5	520	S.Y.	Installation of Hot-Mix Asphalt Trail Pavement (2 Inch thk) including but not limited to tack coat, compaction, equipment, supplies, and incidentals to the project for the unit price of	\$33.48	\$17,409.60
6	520	S.Y.	Installation of Aggregate base (6-inch thk) including but not limited to compaction, equipment, supplies, and incidentals to the project site for the unit price of	\$29.44	\$15,308.80
7	3	ACRES	Perform hydroseeding with installation of matting with approved ARDOT seed mixture to establish permanent vegetation along channel sideslopes upon final grading of work areas as shown in the plans and specifications for the unit price of	\$4,386.72	\$13,160.16
8	3	ACRES	Perform seeding (Spring/Summer of 2022) with approved ARDOT seed mixture to establish permanent vegetation along channel sideslopes upon final grading of work areas as shown in the plans and specifications for the unit price of	\$1,731.60	\$5,194.80

BID TABULATION CONTINUED

KESSER INTERNATIONAL, INC.

ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
9	1	L.S.	Perform removal and disposal of sediment deposit in Nix Creek at Preston Street drainage structure (Area #1) to include cleaning out existing multi-box culvert. Creek channel shall be restored to flowline elevation to ensure positive drainage in accordance with plans and specifications for the unit price of	\$86,580.00	\$86,580.00
10	1	L.S.	Perform removal and disposal of sediment deposit in Nix Creek near Legion Drive and Jackson Street (Area #2) to restore creek to original flowline and to ensure positive drainage in accordance with plans and specifications for the lump sum price of	\$121,212.00	\$121,212.00
11	400	S.Y.	Provide and Install rock rip-rap (8" minus) sideslope protection to include preparing the slope, installing Geotextile fabric from toe of slope to top of bank at the locations shown in the plans and further described in the specifications for the square yard installed price of	\$102.74	\$41,096.00
SCHEDULE B: TOTAL OF ITEMS 1-11					\$647,865.76

 9-8-21
 JASON HALEY, P.E., PROJECT ENGINEER

STATEMENT OF QUALIFICATIONS: KESSEL INTERNATIONAL, INC
Bidder

P.O. BOX 723 LITTLE ROCK, AR 72203
Address

Similar Projects Completed by Bidder:

1. NAME OF PROJECT: CONTRACT NO. AG-7103-C-10-0001
STREAM BANK STABILIZATION
OWNER: ARCS - ARKANSAS ADDRESS: 700 W CAPITAL AVE # 3416
LITTLE ROCK, AR 72201
DATE STARTED: 12/3/09 DATE COMPLETED: 1/15/10
APPROX. QUANTITIES OF MAJOR ITEMS: WIRE MESH GABIONS
GEOTEXTILE NON WOVEN
VALUE OF CONTRACT: \$ 53,062.00
2. NAME OF PROJECT: JOB # 070378 SPRING BRANCH STR.
OWNER: AR DOT ADDRESS: P.O. BOX 2261 LR, AR 72203
DATE STARTED: 4/20/20 DATE COMPLETED: 11/25/20
APPROX. QUANTITIES OF MAJOR ITEMS: EXCAVATION & EMBANKMENT
PIPE UNDER DRAINS, BOX CULVERT, REINFORCING STEEL, BANK STABILIZATION
VALUE OF CONTRACT: \$ 1,343,114.00
3. NAME OF PROJECT: JOB # 040750 HWY 59 SLIDE REPAIR
OWNER: AR DOT ADDRESS: P.O. BOX 2261 LR, AR 72203
DATE STARTED: 1/31/18 DATE COMPLETED: 1/9/20
APPROX. QUANTITIES OF MAJOR ITEMS: COMPACTED EMBANKMENT
EXCAVATION, CONCRETE PITCH PAVING, CONCRETE PIPE, ^{BOX CULVERTS} ROCK DITCH CHANNELS
VALUE OF CONTRACT: \$ 6,331,265.00
4. OTHER PROJECT REFERENCES: _____



CITY OF TEXARKANA, AR BOARD OF DIRECTORS

AGENDA TITLE: Adopt an Ordinance waiving competitive bidding requirements and authorizing the purchase of Motorola Flex CAD/RMS and Jail Manager Systems. (CRC) Doug Avery

An emergency clause is requested. An emergency clause requires a separate and distinct vote of the board and is valid only if there is a two-thirds vote of approval by the Board.

AGENDA DATE: September 21, 2021

ITEM TYPE: Ordinance Resolution Other :

DEPARTMENT: Central Records and Communications (CRC)

PREPARED BY: Doug Avery

REQUEST: Purchase Motorola Flex CAD/RMS and Jail Manager Systems.

EMERGENCY CLAUSE: Yes

SUMMARY: The LEAC (Law Enforcement Advisory Committee) is requesting to purchase Motorola Flex CAD/RMS and Jail Manager to be used by the three law enforcement agencies in the Bi-State Justice Center. Currently, there are two separate Records Management Systems being operated in CRC, which is not an efficient way of doing law enforcement business in today's world. There is no integration between the two systems and one of the systems, ADSI (the system used by the Texarkana Arkansas Police Department) has reached the end of support of the current version. The other system, Odyssey (the system used by the Texarkana Texas Police Department and the Bowie County Sheriff's Department) is not a reliably functional program for law enforcement use.

One of the advantages to using Motorola Flex is that all three law enforcement entities operating out of the Bi-State Justice Center would be using it. The level of integration within the system is unmatched (from the time a 911 call comes into the Communications Center until a criminal case file is sent to the District Attorney's office) and Motorola has a long history of success in the law enforcement industry.

See attached document for the agreement which has been reviewed by the Texarkana, Arkansas, City Attorney, Texarkana, Texas, City Attorney, and the Bowie County Attorney.

Total implementation cost is \$2,526,185 (See Motorola Attachment #1 for cost breakdown). This cost INCLUDES the yearly maintenance of

\$198,521 which is locked in for 5 years at the time of contract signing. The cost of the project (implementation and yearly maintenance) will be paid for out of the CRC budget since each entity (Texarkana Texas, Texarkana, Arkansas, and Bowie County) already contributes 1/3 of the total yearly budget. As it stands now, we believe that it will not be necessary to increase funding within 2021 CRC budget, as long as we are able to use the approved but unexpended funds from the 2020 and 2021 budget. Mrs. Henderson advised that by October 2021 she will know the approximate cost savings for the 2021 budget. The 2022 budget may need an increase depending upon staffing levels, but we propose to use all CRC cost savings to apply toward the payment.

EXPENSE REQUIRED: \$2,526,185 over 5 years (See Motorola Attachment #1) which will come out of the CRC budget.

AMOUNT BUDGETED: See last part of the summary.

**APPROPRIATION
REQUIRED:**

**RECOMMENDED
ACTION:**

EXHIBITS: Ordinance, Motorola Attachment #1 (Payment schedule & Module cost), and Motorola Attachment #2 (full agreement)

ORDINANCE NO. _____

AN ORDINANCE APPROVING AND AUTHORIZING THE CITY MANAGER, ON BEHALF OF THE CITY OF TEXARKANA, ARKANSAS, TO ENTER INTO AN AGREEMENT WITH TEXARKANA, TEXAS, BOWIE COUNTY, TEXAS, AND MOTOROLA SOLUTIONS, INC., TO PROVIDE FOR THE PURCHASE AND PROCUREMENT OF A COMPUTER AIDED DISPATCH AND RECORDS SYSTEM AND SERVICES; WAIVING ANY APPLICABLE COMPETITIVE BIDDING PROVISION; FOR DECLARING AN EMERGENCY; AND FOR OTHER PURPOSES

WHEREAS, it is necessary to replace and update the existing Computer Aided Dispatch (“CAD”) and Records System and to procure certain services in connection with such system; and

WHEREAS, given the unique circumstances, including geographical location, and to provide for efficient coordination of public safety services in the area, Texarkana, Arkansas, Texarkana, Texas, and Bowie County, Texas, utilize a single CAD and Records System and services associated therewith; and

WHEREAS, a CAD and records system and services therewith, with the capability to be utilized between and among the three agencies is highly specific, specialized, and unique, and related to public safety providers’ specific public safety needs and related factors, all making traditional competitive bidding comparison impractical and not feasible in each instance; and

WHEREAS, Texarkana, Arkansas, does currently utilize Motorola radio and communication systems (as documented by prior authorizations of this Board for the purchase of such radio and communication systems, incorporated hereby by reference) that

are immediately compatible with the recommended Motorola CAD and Records System, and, thus, compatibility via the same manufacturer creates a sole source situation; and

WHEREAS, despite the inherent difficulties making traditional competitive bidding as contemplated by the laws of the State of Arkansas, impracticable, infeasible and unnecessary, the Houston-Galveston Area Council (“H-GAC”) acting as the agent for various local governmental entities solicited proposals for such systems and services in accordance with the competitive procurement procedures of Texas law, the use of which in this instance shall be deemed approved by adoption of this Ordinance; and

WHEREAS, pursuant to Ark. Code Ann. §14-47-138, the Board of Directors may waive the requirements of competitive bidding in exceptional situations where competitive bidding is not feasible; and

WHEREAS, pursuant to Ark. Code Ann. §14-58-104(20)(B)-(C) the purchase of goods and services without competitive bidding is acceptable if procurement is approved via competitive bidding or procurement procedures used by another state or an association of governments or governmental agencies; and

WHEREAS, pursuant to Ark. Code Ann. §14-47-104(21) competitive bidding is not required when goods and services are available only from a single source in certain circumstances applicable hereto; and

WHEREAS, pursuant to Section 2-72 of the *City of Texarkana, Arkansas, Code of Ordinances*, competitive bidding is not required in certain instances in which competitive bidding may not be feasible or necessary, including, but not limited to the expressly stated examples of purchases from only sources and via state bid board; and

WHEREAS, while use of a state buy board for bidding, as permitted by City Ordinance, was undertaken per the terms of the proffered agreement for this transaction, should the procurement and purchase of the CAD and Records System and Services contemplated by this Ordinance, or any portion thereof, require or be later determined to have required a waiver of competitive bidding, the approval of such procurement and purchase is being hereby made by this Ordinance, specifically recognizing such waiver is permitted by applicable law; and

WHEREAS, the agreement for the purchase and procurement of such Motorola CAD and Records System and Services contemplates that the three governmental entities entering therein shall, pursuant to the terms and conditions of the same, incur periodic payments in the total, aggregate amount of \$1,732,100.68, the last of which coming due, if at all, in 2023; and

WHEREAS, the Intergovernmental Advisory Committee (“IAC”) recommends approval and adoption by the two Cities and the County; and

WHEREAS, the City Manager recommends approval and, further, requests waiver of any applicable competitive bidding practices, all as and for the reasons described above;

NOW, THEREFORE, BE IT ORDAINED by the Board of Directors of the City of Texarkana, Arkansas, that:

Section 1: The purchase and procurement of a CAD and Records System and Services as described above is approved and any competitive bidding practices that may be otherwise required by applicable law and ordinance are waived for the reasons set forth above.

Section 2: The City Manager is authorized to enter into an agreement with Motorola Solutions, Inc., Texarkana, Texas, and Bowie County, Texas, as reasonably necessary carry out such transaction on the terms and conditions set out above.

Section 3: This action being necessary for the preservation of the public peace, health and safety (including, without limitation, the need to immediately confirm approval, to coordinate the same with the other agencies considering and approving, and to proceed as quickly as reasonably possible to procure and install the public safety equipment and software covered hereby so as to best meet the public safety needs of the citizens of Texarkana, Arkansas), and a separate and distinct vote having been taken on this emergency clause, an emergency is therefore declared to exist, and this ordinance shall be in full force and effect from and after its passage and approval.

PASSED AND APPROVED this 20th day of September 2021.

Allen L. Brown, Mayor

ATTEST:

Heather Soyars, City Clerk

APPROVED:

George Matteson, City Attorney

Exhibit B
PAYMENT

Except for a payment that is due on the Effective Date, Customer will make payments to Motorola within thirty (30) days after the date of each invoice. Customer will make payments when due in the form of a check, cashier's check, or wire transfer drawn on a U.S. financial institution. If Customer has purchased additional Professional or Subscription services, payment will be in accordance with the applicable addenda. Payment for the System purchase will be in accordance with the following milestones.

System Purchase

Payment Milestone	Payment	Amount
1. Execution of Contract (On or before 10/25/21)	25.0% \$	433,025.17
2. Delivery of applicable System Hardware and Application Software to Customer Site (Invoice no sooner than 3/1/2022)	25.0% \$	433,025.17
3. Installation of System Hardware and Application Software to Customer Site (Invoice no sooner than 9/1/2022)	25.0% \$	433,025.17
4. Successful Completion of CAD, RMS and Mobile System Live Cut (Invoice no sooner than 1/5/2023)	7.7% \$	133,025.17
5. Flex Jail Management System Live Cut, Odyssey Arrest Interface Acceptance & Final System Acceptance (Invoice no sooner than 1/5/2023)	17.3% \$	300,000.00
Total	100% \$	1,732,100.68

Motorola shall make partial shipments of equipment and will request payment upon shipment of such equipment. In addition, Motorola shall invoice for installations completed on a site-by-site basis or when professional services are completed, when applicable. The value of the equipment shipped/services performed will be determined by the value shipped/services performed as a percentage of the total milestone value. Unless otherwise specified, contract discounts are based upon all items proposed and overall system package. Overdue invoices will bear simple interest at the maximum allowable rate by state law.

For Maintenance and Support Plan and Subscription Based Services:
Motorola will invoice Customer annually in advance of each year of the plan.

C-1 “Pricing Summary and Equipment List”
Pricing

	List Price	Motorola Preferred Discount	2021 Discount	Discounted Total	2nd Year Maintenance
Software					
Hub	\$ 403,916	\$ (110,184)	\$ (73,456)	\$ 220,276	\$ 43,034
CAD	\$ 262,077	\$ (25,615)	\$ (17,077)	\$ 219,386	\$ 9,546
RMS	\$ 627,856	\$ (122,955)	\$ (81,970)	\$ 422,932	\$ 58,641
Mobile CAD	\$ 505,878	\$ (97,247)	\$ (64,831)	\$ 343,800	\$ 22,803
Mobile RMS	\$ 157,726	\$ (32,395)	\$ (21,597)	\$ 103,734	\$ 19,656
Resource Management	\$ 70,157	\$ (21,799)	\$ (14,533)	\$ 33,826	\$ 7,517
Evidence	\$ 40,314	\$ (12,526)	\$ (8,351)	\$ 19,437	\$ 4,319
Jail	\$ 155,089	\$ (28,774)	\$ (19,182)	\$ 107,133	\$ 9,922
Warrant & Inmate Search	\$ 21,000	\$ -	\$ -	\$ 21,000	\$ 3,000
Management Dashboards	\$ 106,609	\$ -	\$ -	\$ 106,609	\$ 17,653
Flex Touch	\$ 22,682	\$ (7,048)	\$ (4,698)	\$ 10,936	\$ 2,430
Software Total	\$ 2,373,304	\$ (458,542)	\$ (305,695)	\$ 1,609,067	\$ 198,521
Hardware & Data Conversion					
Servers (To be provided by agency)	\$ -	\$ -	\$ -	\$ -	\$ -
Evidence Hardware	\$ 4,283	\$ -	\$ -	\$ 4,283	\$ -
DL Scanning HW	\$ 18,750	\$ -	\$ -	\$ 18,750	\$ -
Data Conversion (est.)	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -
Hardware & Data Conversion Total	\$ 123,033	\$ -	\$ -	\$ 123,033	\$ -
Grand Total List Price	\$ 2,496,338	\$ (458,542)	\$ (305,695)	\$ 1,732,101	\$ 198,521

Contract Summary	Amount
Software, Hardware and Implementation	\$ 1,732,101
Year 1 - Maintenance	Included
Year 2 - Maintenance	\$ 198,521
Year 3 - Maintenance	\$ 198,521
Year 4 - Maintenance	\$ 198,521
Year 5 - Maintenance	\$ 198,521
Grand Total (PO Amount*)	\$ 2,526,185

*Maintenance to be billed annually against PO.



MOTOROLA
SOLUTIONS

**Central Records and
Communications (CRC)**

Public Safety System Contract

H-GAC RA05-18

September 15, 2021

The design, technical, pricing, and other information (“Information”) furnished with this submission is proprietary and/or trade secret information of Motorola Solutions, Inc. (“Motorola Solutions”) and is submitted with the restriction that it is to be used for evaluation purposes only. To the fullest extent allowed by applicable law, the Information is not to be disclosed publicly or in any manner to anyone other than those required to evaluate the Information without the express written permission of Motorola Solutions. MOTOROLA, MOTO, MOTOROLA SOLUTIONS, and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. © 2020 Motorola Solutions, Inc. All rights reserved.

H-GAC Computer Aided Dispatch and Records System and Services Agreement

Motorola Solutions, Inc. ("Motorola") and Bowie County, TX; Texarkana, TX and Texarkana, AR (Collectively "Customer") enter into this Computer Aided Dispatch ("CAD") and Records System and Services Agreement ("Agreement"), pursuant to which Customer will purchase and Motorola will sell the System and Services, as described below. Motorola and Customer may be referred to individually as a "Party" and collectively as the "Parties."

WHEREAS, the Customer desires to purchase a CAD and Records System and Services; and

WHEREAS, Motorola desires to sell a CAD and Records System and Services to Customer; and

WHEREAS, Houston-Galveston Area Council ("H-GAC"), acting as the agent for various local governmental entities who are "End Users" under interlocal agreements (including the Customer) has solicited proposals for communications equipment and conducted discussions with Motorola concerning its proposal and, where applicable, in accordance with the competitive procurement procedures of Texas law; and

WHEREAS, H-GAC and Motorola entered into that certain Contract No. RA05-18 dated May 1, 2018, (the "H-GAC Contract"), which provided that End Users may purchase CAD and Records System and Services from Motorola pursuant to certain terms contained therein;

WHEREAS, on or about March 1, 2021, Motorola and H-GAC agreed upon Amendment 1 of the H-GAC Contract wherein the H-GAC Contract was extended; and

WHEREAS, pursuant to Articles 2 and 6 of the H-GAC Contract, Motorola and Customer now wish to enter into this Agreement to delineate the specific terms of the purchase of CAD and Records System and Services from Motorola by the Customer. For good and valuable consideration, the Parties agree as follows:

Section 1 ATTACHMENTS:

1.1. EXHIBITS. The Exhibits listed below are exhibits related to the System sale and implementation. These Exhibits are incorporated into and made a part of this Agreement.

- Exhibit A Software License Agreements
 - Exhibit A-1 "Motorola Software License Agreement"
 - Exhibit A-2 Microsoft "End-User License Agreement(s)", if applicable
 - Exhibit A-3 "Microsoft Products terms", if applicable
 - Exhibit A-4 "ESRI OEM Software terms", if applicable
- Exhibit B "Payment Schedule"
- Exhibit C Technical and Implementation Documents
 - C-1 "Pricing Summary and Equipment List" dated September 15, 2021
 - C-2 "Statement of Work" dated September 15, 2021
 - C-3 "Project Schedule" (to be mutually developed)
 - C-4 "Training Plan" (to be mutually developed)
 - C-5 "Technical Product Descriptions"
 - C-6 "Data Conversion Scope of Work"
- Exhibit D "Maintenance and Support Agreement", if applicable
- Exhibit E "System Acceptance Certificate"
- Exhibit F H-GAC Contract No. RA05-18, as amended

1.2. In interpreting this Agreement and resolving any ambiguities, the main body of this Agreement takes precedence over the exhibits and any inconsistency between Exhibits A through F will be resolved in their listed order, except that Exhibit F shall prevail over this entire Agreement in the event of a conflict.

Section 2 DEFINITIONS

Capitalized terms used in this Agreement have the following meanings:

“Acceptance Tests” means those tests described in the Acceptance Test Plan, as applicable.

“Addendum (Addenda)” is the title of the document(s) containing a specific set of terms and conditions applicable to a particular service or other offering beyond the communication System and System implementation services. The terms in the Addendum are applicable only to the specific service or offering described therein.

“Beneficial Use” means when Customer first uses the System or a Subsystem for operational purposes (excluding training or testing).

“Confidential Information” means all non-public information consistent with the fulfillment of this Agreement provided by either Party to the other that is (i) disclosed under this Agreement in oral, written, graphic, machine recognizable, and/or sample form, being clearly designated, labeled or marked as confidential or its equivalent or (ii) obtained by examination, testing or analysis of any hardware, software or any component part thereof provided by discloser to recipient. Confidential Information that is disclosed orally must be identified as confidential at the time of disclosure and confirmed by the discloser by submitting a written document to the recipient within thirty (30) days after such disclosure. The written document must contain a summary of the Confidential Information disclosed with enough specificity for identification purpose and must be labeled or marked as confidential or its equivalent.

“Contract Price” means the price for the System and implementation Services, including the H-GAC administrative fee, excluding applicable sales or similar taxes and freight charges. Further, unless otherwise stated in Exhibit B, “Payment Schedule” or the pricing pages of the proposal, recurring fees for maintenance, SUA, or subscription services are not included in the Contract Price.

“Customer Provided Equipment” means any hardware, software or ancillary equipment provided for use with the System by the Customer. Motorola provides no warranty for Customer Provided Equipment.

“Deliverables” means all written information (such as reports, specifications, designs, plans, drawings, analytics, Solution Data, or other technical or business information) that Motorola prepares for Customer in the performance of the Services and is obligated to provide to Customer under this Agreement. The Deliverables, if any, are more fully described in the Statement of Work.

“Derivative Proprietary Materials” means derivatives of the Proprietary Materials that Motorola may from time to time, including during the course of providing the Services, develop and/or use and/or to which Motorola provides Customer access.

“Effective Date” means that date upon which the last Party executes this Agreement.

“Equipment” means the hardware components of the Solution that Customer purchases from Motorola under this Agreement. Equipment that is part of the System is described in the Equipment List.

“Feedback” means comments or information, in oral or written form, given to Motorola by Customer in connection with or relating to Equipment or Services, during the term of this Agreement.

“Final System Acceptance” means the Live Operations Cutover and any applicable reliability period have been completed and the System Acceptance Certificate has been memorialized.

“Force Majeure” means an event, circumstance, or act that is beyond a Party’s reasonable control, such as an act of God, an act of the public enemy, an act of a government entity, strikes, other labor disturbances, supplier performance, hurricanes, earthquakes, fires, floods, epidemics, pandemics, embargoes, war, riots, ransomware or cyber events, or any other similar cause.

“Live Operations Cut Over” means the transition of operations from the legacy system to the System.

“Microsoft Product” means a Microsoft SQL Server and/or a Microsoft System Center Operations Manager, either or both of which may be integrated with the Motorola Products. Microsoft Products are subject to the following acknowledgement: “© Copyright 20__ Microsoft Corporation. All rights reserved.”

“Motorola Software” means software that Motorola or its affiliated companies owns.

“Non-Motorola Software” means software provided by Motorola that a party other than Motorola or its affiliated companies owns, including software licensed by the third party to Motorola for distribution to Motorola’s customers with the Software, such as mapping software, database software, paging software, or open source software.

“Open Source Software” (also called “freeware” or “shareware”) means software with either freely obtainable source code, license for modification, or permission for free distribution.

“Proprietary Materials” means certain software tools and/or other technical materials, including, but not limited to, data, modules, components, designs, Utilities, subsets, objects, program listings, models, methodologies, programs, systems, analysis frameworks, leading practices and specifications which Motorola has developed prior to, or independently from, the provision of the Services and/or which Motorola licenses from third parties.

“Proprietary Rights” means the patents, patent applications, inventions, copyrights, trade secrets, trademarks, trade names, mask works, know-how, and other intellectual property rights in and to the Equipment and Software, including those created or produced by Motorola under this Agreement and any corrections, bug fixes, enhancements, updates or modifications to or derivative works from the Software whether made by Motorola or another party.

“Services” means system implementation, maintenance, support, subscription, or other professional services provided under this Agreement, which may be further described in the applicable Addendum and/or SOW.

“Software” (i) means proprietary software in object code format, and adaptations, translations, de-compilations, disassemblies, emulations, or derivative works of such software; (ii) means any modifications, enhancements, new versions and new releases of the software provided by Motorola; and (iii) may contain one or more items of software owned by a third party supplier. The term "Software" does not include any third party software provided under separate license or third party software not licensable under the terms of this Agreement.

“Software License Agreement” means the Motorola Software License Agreement (Exhibit A-1).

“Solution” means the combination of the System(s) and Services provided by Motorola under this Agreement.

“Solution Data” means Customer data that is transformed, altered, processed, aggregated, correlated or operated on by Motorola, its vendors or other data sources and data that has been manipulated or retrieved using Motorola know-how to produce value-added content to data consumers, including customers or citizens which is made available to Customer with the Solution and Services.

“Specifications” means the functionality and performance requirements that are described in the Technical and Implementation Documents.

“Subsystem” means a major part of the System that performs specific functions or operations. Subsystems are described in the Technical and Implementation Documents.

“System” means the Equipment, including incidental hardware and materials, Software, and design, installation and implementation services that are combined together into an integrated system; the System(s) is (are) described in the Technical and Implementation Documents.

“System Data” means data created by, in connection with or in relation to Equipment or the performance of Services under this Agreement.

“System Acceptance” is defined in Section 9 of this Agreement.

“Utilities” means the software utilities and tools provided by Motorola as part of the Software, including Motorola’s XML Query, ODBC interface and implementation code, ctpertl, dbdump, and dbload, as well as any other software utilities provided by Motorola in connection with the Software.

“Warranty Period” for System Hardware, Software, or services related to system implementation means one (1) year from the date of System Acceptance or Beneficial Use, whichever occurs first. Unless otherwise stated in the applicable Addendum, Warranty Period for other Services means ninety (90) days from performance of the Service.

Section 3 SCOPE OF AGREEMENT AND TERM

3.1. **SCOPE OF WORK.** Motorola will provide, install and test the System(s), and perform its other contractual responsibilities to provide the Solution, all in accordance with this Agreement. Customer will perform its contractual responsibilities in accordance with this Agreement.

3.2. **CHANGE ORDERS.** Either Party may request changes within the general scope of this Agreement in accordance with Change Control Process in Technical and Implementation Documents. If a requested change causes an increase or decrease in the cost or time required to perform this Agreement, the Parties will agree to an equitable adjustment of the Contract Price or applicable subscription fees, Performance Schedule, or both, and will reflect the adjustment in a change order or Addendum. Neither Party is obligated to perform requested changes unless both Parties execute a written change order.

3.3. **TERM.** Unless terminated in accordance with other provisions of this Agreement or extended by mutual agreement of the Parties, the term of this Agreement begins on the Effective Date and continues until the date of Final Project Acceptance or expiration of the Warranty Period, whichever occurs last. The term and the effective date of recurring Services will be set forth in the applicable Addendum.

3.4. **ADDITIONAL EQUIPMENT OR SOFTWARE.** For three (3) years after the expiration date of the Agreement, Customer may order additional Equipment or Software, if it is then available. Each purchase order must refer to this Agreement, the expiration date of the Agreement, and must specify the pricing and delivery terms. The Parties agree that, notwithstanding expiration of the Agreement, the applicable provisions of this Agreement (except for pricing, delivery, passage of title and risk of loss to Equipment, warranty commencement, and payment terms) will govern the purchase and sale of the additional Equipment or Software. Additional or contrary terms in the purchase order will be inapplicable, unless signed by both parties. Title and risk of loss to additional Equipment will pass at shipment, warranty will commence upon delivery, and payment is due within thirty (30) days after the invoice date. Motorola will send Customer an invoice as the additional Equipment is shipped or Software is licensed. Alternatively, Customer may register with and place orders through the Motorola Solutions Customer Portal eCommerce

Shop, and this Agreement will be the “Underlying Agreement” for those eCommerce transactions rather than the eCommerce Shop Terms and Conditions of Sale. eCommerce Shop registration and other information may be found at https://www.motorolasolutions.com/en_us/registration and the shop support telephone number is (800) 814-0601.

3.5. **MOTOROLA SOFTWARE.** Any Motorola Software, including subsequent releases, is licensed to Customer solely in accordance with the Software License Agreement. Customer hereby accepts and agrees to abide by all of the terms and restrictions of the Software License Agreement.

3.6. **NON-MOTOROLA SOFTWARE.** Any Non-Motorola Software is licensed to Customer in accordance with the standard license, terms, and restrictions of the copyright owner on the Effective Date unless the copyright owner has granted to Motorola the right to sublicense the Non-Motorola Software pursuant to the Software License Agreement, in which case it applies and the copyright owner will have all of Licensor’s rights and protections under the Software License Agreement. Motorola makes no representations or warranties of any kind regarding Non-Motorola Software. Non-Motorola Software may include Open Source Software.

3.7. **SHARED AGENCY ARRANGEMENTS.** If Customer and another agency (a “Shared Agency”) desire to enter into an arrangement whereby Customer will act as a “Host Agency” and permit the Shared Agency to access the Software through Customer, the Shared Agency and Motorola will execute a Shared Agency Agreement for such arrangement and attach it to this Agreement as an additional exhibit. Unless otherwise expressly agreed in the Shared Agency Agreement, Motorola will invoice Customer for the full fees set forth in Exhibit B and Customer will be responsible for timely payment of such fees. Customer may at its option seek reimbursement from Shared Agencies for their share of such fees. However, if at any time a Shared Agency elects to purchase licenses to additional Motorola Software modules for its own use, the party responsible for payment and the payment terms will be mutually agreed in writing by the parties. Customer shall require the Shared Agency to comply with the terms of the Motorola Software License Agreement and Exhibits A-2, A-3, and A-4 as applicable, and shall notify Motorola and cooperate as reasonably requested by Motorola in the event of any non-compliance by the Shared Agency.

3.8. **COOPERATIVE PURCHASING.** Upon request of a third party state or local agency located in the same state as Customer (the “New Agency”), Motorola will negotiate an agreement with such New Agency that contains the same terms and conditions as this Agreement (excepting the terms described below), subject to the eligibility and validity of such cooperative arrangement under state law, and provided that Motorola and the New Agency agree in writing upon the software, products and Services to be licensed and purchased by the New Agency and the prices thereof, which shall be paid by the New Agency. Motorola shall require the New Agency’s to comply with the terms of the Motorola Software License Agreement. New Agency’s use of Microsoft or ESRI OEM software is subject to the terms of Exhibits A-2, A-3, and A-4 respectively, as applicable.

3.9. **THIRD PARTY PRODUCTS.**

3.9.1 **THIRD PARTY PRODUCTS.** Customer acknowledges that Non-Motorola Software is included in the Solution. Further, Motorola may recommend purchase of additional third party software. In such case, Customer agrees to purchase from Motorola the third party software and hardware identified in Exhibit C. Motorola makes no representations or warranties with respect to third party software or hardware, but agrees to pass through to Customer any warranties provided by the manufacturers of such products, to the extent permitted.

3.9.2 MICROSOFT PRODUCTS

a. As to any Microsoft Products being furnished, the Microsoft software for those Microsoft Products is sublicensed to Licensee from Motorola pursuant to the Customer's Motorola Software License Agreement and is subject to the additional Microsoft End-User License Agreement terms, Exhibit A-2 and Microsoft Products terms, Exhibit A-3.

3.9.3 ESRI OEM SOFTWARE. Notwithstanding any provisions herein to the contrary, the provisions in ESRI OEM Software terms, Exhibit A-4, apply concerning the ESRI OEM Software.

3.10. SUBSTITUTIONS. At no additional cost to Customer, Motorola may substitute any Equipment, Software, or services to be provided by Motorola, if the substitute meets or exceeds the Specifications and is of equivalent or better quality to the Customer. Any substitution will be reflected in a change order.

3.11. OPTIONAL EQUIPMENT OR SOFTWARE. This paragraph applies only if a "Priced Options" exhibit is shown in Section 1, or if the parties amend this Agreement to add a Priced Options exhibit. During the term of the option as stated in the Priced Options exhibit (or if no term is stated, then for one (1) year after the Effective Date), Customer has the right and option to purchase the equipment, software, and related services that are described in the Priced Options exhibit. Customer may exercise this option by giving written notice to Seller which must designate what equipment, software, and related services Customer is selecting (including quantities, if applicable). To the extent they apply, the terms and conditions of this Agreement will govern the transaction; however, the parties acknowledge that certain provisions must be agreed upon, and they agree to negotiate those in good faith promptly after Customer delivers the option exercise notice. Examples of provisions that may need to be negotiated are: specific lists of deliverables, statements of work, acceptance test plans, delivery and implementation schedules, payment terms, maintenance and support provisions, additions to or modifications of the Software License Agreement, hosting terms, and modifications to the acceptance and warranty provisions.

3.12 UTILITIES; RESTRICTIONS ON USAGE.

3.12.1 UTILITIES. Motorola provides certain software Utilities as part of the Software. Motorola may add, modify, or remove Utilities from the Software during the term of this Agreement. The Utilities contain material that is proprietary to Motorola and/or its licensors, and may be used only as permitted by this Agreement.

3.12.2 USE OF UTILITIES. Customer is permitted to use the Utilities for read-only operations in connection with the authorized use of the Software, but may not allow third parties to use the Utilities unless an authorized official of Motorola consents in writing. Customer is also permitted to use the Utilities to write to Motorola's database, but any such use is solely at Customer's risk, as set forth in Section 3.12.3 below. Motorola strongly advises Customer to limit any such usage to personnel who have advanced training and experience in the use of such software tools.

3.12.3 DISCLAIMER. Motorola permits customers to use the Utilities, as set forth above. However, there is a high risk of data corruption and system slowdown or damage that may result from Customer's use of the Utilities or other software tools. Customer assumes all risk and is responsible for any damages arising from or in connection with such use, regardless of Motorola's approval. Further, Motorola disclaims all liability for damages caused by Customer's use of the Utilities. Motorola is NOT responsible for any breach of warranty, damages to the Software or its database, data corruption, support issues, security issues or performance issues arising out of Customer's or a third party's use of the Utilities (even if permitted by Motorola) or use of any other software not specifically licensed in this Agreement (including any third party querying or writing to the database).

Section 4 SERVICES

4.1. If Customer desires and Motorola agrees to continue Services beyond the Term, Customer's issuance and Motorola's acceptance of a purchase order for Services will serve as an automatic extension of the Agreement for purposes of the continuing Services. Only the terms and conditions applicable to the performance of Services will apply to the extended Agreement.

4.2. **MAINTENANCE AND SUPPORT SERVICES.** During the Warranty Period, in addition to warranty services, Motorola will provide maintenance Services for the Equipment and support for the Motorola Software pursuant to the Statement of Work set forth in the applicable Exhibit D, Maintenance and Support Agreement. Maintenance Services and support during the Warranty Period are included in the Contract Price. Customer's purchase of post Warranty Period Maintenance and Support services is subject to the terms and conditions of Exhibit D. If after the execution of this Agreement Customer subsequently wishes to purchase 1) additional maintenance or software support services during the Warranty Period, or 2) continue or expand maintenance, software support, and installation Services after the Warranty Period, Motorola will provide the description of and pricing for such services in a separate proposal document. Unless otherwise agreed by the Parties in writing, the terms and conditions in this Agreement applicable to those maintenance, support, and installation Services will be included in the Maintenance and Support Agreement, the applicable Statements of Work, and the proposal. These collective terms will govern the provision of such Services. Unless otherwise agreed in writing, Motorola reserves the right to change its pricing of Maintenance and Support services, effective upon no less than ninety (90) days written notice to Customer prior to the end of the Warranty Period, if such Services were quoted but not purchased at the time of the System sale. Maintenance and Support fees that have been previously prepaid by Customer are not affected by any subsequent change in such fees.

To obtain any such additional Services, Customer will issue a purchase order referring to this Agreement and the separate proposal document. Omission of reference to this Agreement in Customer's purchase order will not affect the applicability of this Agreement. Motorola's proposal may include a cover page entitled "Maintenance and Support Agreement", as applicable, and other attachments. These cover pages and other attachments are incorporated into this Agreement by this reference.

4.3. **PROFESSIONAL AND SUBSCRIPTION SERVICES.** If Customer purchases professional or subscription Services as part of the Solution, additional or different terms specific to such Service will be included in the applicable Addendum and will apply to those Services. Customer may purchase additional professional or subscription services by issuing a purchase order referencing this Agreement and Motorola's proposal for such additional services.

4.4. Any information in the form of specifications, drawings, reprints, technical information or otherwise furnished to Customer in providing Services under this Agreement or data viewed, accessed, will remain Motorola's property, will be deemed proprietary, Confidential Information. This Confidential Information will be promptly returned at Motorola's request.

4.5. **TOOLS.** All tools, equipment, dies, gauges, models, drawings or other materials paid for or furnished by Motorola for the purpose of providing Services under this Agreement will be and remain the sole property of Motorola. Customer will safeguard all such property while it is in Customer's custody or control, be liable for any loss or damage to this property, and return it to Motorola upon request. This property will be held by Customer for Motorola's use without charge and may be removed from Customer's premises by Motorola at any time without restriction. Upon termination of the contract for any reason, Customer shall return to Motorola all equipment delivered to Customer.

4.6. **COVENANT NOT TO EMPLOY.** During the term of this Agreement and continuing for a period of two (2) years thereafter, Customer will not hire, engage on contract, solicit the employment of, or recommend employment to any third party of any employee of Motorola or its subcontractors without the prior written authorization of Motorola. This provision applies only to those employees of Motorola or its subcontractors who are responsible for rendering Services under this Agreement. If this provision is found

to be overly broad under applicable law, it will be modified as necessary to conform to applicable law.

4.7. CUSTOMER OBLIGATIONS. If the applicable Statement of Work or Addendum contains assumptions that affect the Services or Deliverables, Customer will verify that they are accurate and complete. Any information that Customer provides to Motorola concerning the Services or Deliverables will be accurate and complete in all material respects. Customer will make timely decisions and obtain any required management approvals that are reasonably necessary for Motorola to perform the Services and its other duties under this Agreement. Unless the Statement of Work states the contrary, Motorola may rely upon and is not required to evaluate, confirm, reject, modify, or provide advice concerning any assumptions and Customer-provided information, decisions and approvals described in this paragraph.

4.7.1 LOCATION OF SOFTWARE. Customer may install, access and use the Software only in Customer's own facilities, including any authorized mobile sites. Such mobile devices may log in and access the Software remotely from any location. Customer shall give Motorola two (2) weeks prior written notice of any change in the location of Customer's primary facility where the server-based Software is installed. However, if an immediate change in location is required due to an emergency or disaster recovery, Customer may do so provided that it notifies Motorola as soon as is feasible. Except as provided above, Customer shall not install the Software in any other computer system or use it at any other location without Motorola's express prior authorization, which will not be unreasonably withheld.

4.7.2 RESTRICTIONS, COPIES. Customer will not, and will not allow or enable any third party to: (i) reverse engineer, disassemble, peel components, decompile, reprogram or otherwise reduce the Software or any portion to a human perceptible form or otherwise attempt to recreate the source code; (ii) modify, adapt, create derivative works of, or merge the Software; (iii) copy, reproduce, distribute, lend, or lease the Software or related documentation to any third party, grant any sublicense or other rights in the Software or related documentation to any third party, or take any action that would cause the Software or related documentation to be placed in the public domain; (iv) remove, or in any way alter or obscure, any copyright notice or other notice of Motorola's Proprietary Rights; (v) provide, copy, transmit, disclose, divulge or make the Software or Documentation available to, or permit the use of the Software by any third party or on any machine except as expressly authorized by this Agreement; or (vi) use, or permit the use of, the Software in a manner that would result in the production of a copy of the Software solely by activating a machine containing the Software, except as necessary for system backup or disaster recovery. Customer may make one copy of Software to be used solely for archival, back-up, or disaster recovery purposes; provided that Motorola's copyright notice is included, and Customer may not operate that copy of the Software at the same time as the original Software is being operated. Customer may make as many copies of the documentation as it may reasonably require for the internal use of the Software. The foregoing restrictions on modifications and copying do not apply to open source software, which is governed by the license of the copyright owner.

4.7.3 CUSTOMER USE ONLY. Customer may use and execute the Software only for purposes of serving the internal needs of Customer's business, except as specifically set forth in this Agreement. Any other use of the Software is strictly prohibited. Without limiting the general nature of these restrictions, Customer will not make the Software available for use by third parties on a "time sharing," "application service provider," or "service bureau" basis or for any other similar rental or sharing arrangement, except as expressly authorized in writing by Motorola.

4.7.4 THIRD PARTY ACCESS AND QUERIES. Except as expressly authorized in writing by Motorola, (i) Customer may not allow any other agency, entity, or individual to use or have access to the Software in any manner other than inquire-only; and (ii) such queries may be conducted solely for Customer's internal business purposes. Customer may not query the Software, or permit any third party to query the Software, for a third party's business purposes.

4.7.5 COMPETITIVE USE. Customer may not utilize or permit a third party to access or utilize any part of the Software (including the Utilities) in any manner that competes, directly or indirectly, with any product or Service provided by Motorola, without the express written permission of Motorola. This includes, without

limitation, using the Software (or its Utilities) to develop any software, interfaces, or other products that compete with Motorola's products or Services, or using interfaces or other products connecting to the database of the Software in connection with a third party's competing product.

4.7.6 ADDITIONAL COMPONENTS. Other components (hardware and/or third party software) may be required for the use of the Software. For example, unless otherwise detailed in the Technical and Implementation Documents, Customer is required to provide workstations and personal computers, network, operating system, Internet connectivity and other components (e.g., cables, and wiring) associated with and necessary to effectively use the system that are typically supplied by the customer of such a system. Motorola has provided hardware specifications to Customer for use of the Software system. Motorola assumes no responsibility under this Agreement for obtaining and/or supporting such components except as expressly agreed in writing.

4.7.7 PROPER ENVIRONMENT. Customer is responsible for ensuring a proper environment and proper utilities for the computer system on which the Software will operate, including housing and operating the server equipment in a secure environment and according to the specifications for the equipment as specified by its manufacturer. Customer will ensure that all work sites it provides will be safe, secure, and in compliance with all applicable industry and OSHA standards. To the extent applicable, Customer will ensure that these work sites have adequate: physical space; air conditioning and other environmental conditions; adequate and appropriate electrical power outlets, distribution, equipment and connections; and adequate telephone or other communication lines (including modem access and adequate interfacing networking capabilities), all for the installation, use and maintenance of the Software system. Before installing the Software or any related hardware at a work site, Motorola may inspect the work site and advise Customer of any apparent deficiencies or non-conformities with the requirements of this section.

4.7.8 DATA CONVERSION SERVICES. If the parties have agreed that Motorola (or its subcontractor) will convert Customer's data files for use with the Software, such services will be set forth in Exhibit C and detailed in a data conversion scope of work. Except as agreed by the parties in writing, Motorola is not responsible for any data conversion services.

4.8. ASSUMPTIONS. If any assumptions or conditions contained in this Agreement, applicable Addenda or Statements of Work prove to be incorrect or if Customer's obligations are not performed, Motorola's ability to perform under this Agreement may be impacted and changes to the Contract Price, subscription fees, project schedule, Deliverables, or other changes may be necessary.

4.9. NON-PRECLUSION. If, as a result of the Services performed under this Agreement, Motorola recommends that Customer purchase products or other services, nothing in this Agreement precludes Motorola from participating in a future competitive bidding process or otherwise offering or selling the recommended products or other services to Customer. Customer represents that this paragraph does not violate its procurement or other laws, regulations, or policies.

4.10. PROPRIETARY MATERIALS. Customer acknowledges that Motorola may use and/or provide Customer with access to Proprietary Materials and Derivative Proprietary Materials. The Proprietary Materials and the Derivative Proprietary Materials are the sole and exclusive property of Motorola and Motorola retains all right, title and interest in and to the Proprietary Materials and Derivative Proprietary Materials.

4.11. ADDITIONAL SERVICES. Any services performed by Motorola outside the scope of this Agreement at the direction of Customer will be considered to be additional Services which are subject to additional charges. Any agreement to perform additional Services will be reflected in a written and executed change order, Addendum or amendment to this Agreement.

Section 5 PROJECT SCHEDULE

The Parties will perform their respective responsibilities in accordance with the Project Schedule. Unless otherwise agreed in writing, the Project Schedule is based upon work being accomplished Monday through Friday during normal business hours with the exception of holidays. On-site work activities will be performed Tuesday through Thursday during normal business hours.

Section 6 CONTRACT PRICE, PAYMENT AND INVOICING

6.1. Customer affirms that a purchase order or notice to proceed is not required for contract performance or for subsequent years of service. The Customer will pay all invoices for amounts due in accordance with this Agreement as received from Motorola and any changes in scope will be subject to the change order process as described in this Agreement. *Non-appropriations Event.* In this paragraph, "non-appropriations event" means a lack of sufficient funding, funds becoming unavailable, no funds appropriated by the Customer, or insufficient funds appropriated by the Customer, for any payments due under this Agreement or any other performance of Customer's obligations. A condition precedent to all Customer obligations to Motorola, including payment obligations, shall be availability of funds out of current revenues and appropriated for such purposes. Notwithstanding any provisions contained herein, if a non-appropriations event occurs, Customer will notify Motorola of such occurrence and this Agreement shall terminate, without penalty or expense to the Customer of any kind whatsoever, with the exception of the termination fees outlined in this Section, on the last day of the fiscal period for which appropriations were received or the day previously-appropriated funds have been exhausted or become unavailable, whichever is earlier. Upon Customer's termination due to a non-appropriations event, each party shall return all documentation and other information disclosed or otherwise delivered to the other party prior to such termination, and all revocable licenses granted hereunder shall terminate. Motorola shall be entitled to payment for Equipment and Software ordered and Services rendered prior to the date of termination under this provision. At the time of execution of this Agreement, the Customer will provide all necessary reference information to include on invoices for payment in accordance with this Agreement. By executing this Agreement, Customer authorizes Motorola to proceed with contract performance.

6.2. **CONTRACT PRICE.** The Contract Price in U.S. dollars is **\$1,732,100.68** which includes the H-GAC administrative fee. Motorola will pay H-GAC's administrative fee in accordance with the payment terms of the Motorola/H-GAC Contract dated May 1, 2018. If applicable, a pricing summary is included with the Payment schedule in Exhibit B. Motorola has priced the Services, Software, and Equipment as an integrated System. A reduction in Software or Equipment quantities, or Services, may affect the overall Contract Price, including discounts if applicable. Fees for professional, and/or subscription services which are not included in the Contract Price may be listed in Exhibit B, the pricing pages of the proposal, or the applicable Addendum.

6.3. **INVOICING AND PAYMENT.** Motorola will submit invoices to Customer according to the Payment schedule in Exhibit B. Invoices will be mailed or emailed to Customer pursuant to Section 6.5, Invoicing and Shipping Addresses. Except for a payment that is due on the Effective Date, Customer will make payments to Motorola within thirty (30) days after the date of each invoice. Customer will make payments when due in the form of a wire transfer, check, or cashier's check from a U.S. financial institution. Overdue invoices will bear simple interest at the maximum allowable rate. For reference, the Federal Tax Identification Number for Motorola is 36-1115800.

6.4. **FREIGHT, TITLE, AND RISK OF LOSS.** Motorola will pre-pay and add all freight charges to the invoices. Title and risk of loss to the Equipment will pass to Customer upon shipment. Title to Software will not pass to Customer at any time. Motorola will pack and ship all Equipment in accordance with good

commercial practices.

6.5. INVOICING AND SHIPPING ADDRESSES. Invoices will be sent to the Customer at the following address:

Name:	E. Jay Ellington
Address:	City of Texarkana 216 Walnut Street Texarkana, Arkansas 71854
	Mailing: P.O. Box 2711 Texarkana, Texas 75504
Phone:	870-779-4991
E-INVOICE. To receive invoices via email:	jay.ellington@txkusa.org
Customer Account Number:	1036586446
Customer Accounts Payable Email:	tyrhonda.henderson@txkusa.org
Customer CC (optional) Email:	avery@txkusa.org

The address which is the ultimate destination where the Equipment will be delivered to Customer is:

Name:	Doug Avery
Address:	100 N. State Line Avenue Box 15 Texarkana, TX 75501

The Equipment will be shipped to the Customer at the following address (insert if this information is known):

Name:	Doug Avery
Address:	100 N. State Line Avenue Box 15 Texarkana, TX 75501
Phone:	903-798-3173

Customer may change this information by giving written notice to Motorola.

Section 7 SITES AND SITE CONDITIONS

7.1. ACCESS TO SITES. In addition to its responsibilities described elsewhere in this Agreement, Customer will provide a designated project manager; all necessary construction and building permits, zoning variances, licenses, and any other approvals that are necessary to develop or use the sites and mounting locations; and access to the worksites or vehicles identified in the Technical and Implementation Documents as reasonably requested by Motorola so that it may perform its duties in accordance with the

Performance Schedule and Statement of Work. If the Statement of Work so indicates, Motorola may assist Customer in the local building permit process.

7.2. **SITE CONDITIONS.** Customer will ensure that all work sites it provides will be safe, secure, and in compliance with all applicable industry and OSHA standards. To the extent applicable and unless the Statement of Work states to the contrary, Customer will ensure that these work sites have adequate: physical space; air conditioning and other environmental conditions; adequate and appropriate electrical power outlets, distribution, equipment and connections; and adequate telephone or other communication lines (including modem access and adequate interfacing networking capabilities), all for the installation, use and maintenance of the System. Before installing the Equipment or Software at a work site, Motorola may inspect the work site and advise Customer of any apparent deficiencies or non-conformities with the requirements of this Section. This Agreement is predicated upon normal soil conditions as defined by the version of E.I.A. standard RS-222 in effect on the Effective Date.

7.3. **SITE ISSUES.** If a Party determines that the sites identified in the Technical and Implementation Documents are no longer available or desired, or if subsurface, structural, adverse environmental or latent conditions at any site differ from those indicated in the Technical and Implementation Documents, the Parties will promptly investigate the conditions and will select replacement sites or adjust the installation plans and specifications as necessary. If change in sites or adjustment to the installation plans and specifications causes a change in the cost or time to perform, the Parties will equitably amend the Contract Price, Performance Schedule, or both, by a change order.

7.4 **CUSTOMER PROVIDED EQUIPMENT.** Customer will hold all Customer Provided Equipment free and clear of any liens, charges, or encumbrances of any kind. Customer, at its sole cost and expense will maintain Customer Provided Equipment in good working order and repair, and will provide spare parts for all Customer Provided Equipment. Customer will be fully liable for Customer Provided Equipment and will immediately notify Motorola of any Customer Provided Equipment damage, loss, or theft that may impact Motorola's ability to provide Services under this Agreement. Customer will compensate Motorola for any re-work or changes to Services, and allow for changes to Project Schedule as a result of damage, loss or theft of Customer Provided Equipment. For all Customer Provided Equipment, (i) Customer is responsible for resolving issues affecting the performance of CAD application software; (ii) not provided per the agreed upon specification and within the project schedule time frame, the project is subject to delay.

Section 8 TRAINING

Any training to be provided by Motorola to Customer will be described in the applicable Training Plan (Exhibit C-4). Customer will notify Motorola immediately if a date change for a scheduled training program is required. If Motorola incurs additional costs because Customer: (i) reschedules a training program less than thirty (30) days before its scheduled start date; (ii) does not adhere to the session attendance outlined in the Training Plan; Customer will compensate Motorola in whole for these additional costs.

Section 9 SYSTEM ACCEPTANCE

Many Systems require formal completion of an Acceptance Test Plan.

9.1 **COMMENCEMENT OF ACCEPTANCE TESTING.** Motorola will provide to Customer at least ten (10) days notice before the Acceptance Tests commence. System testing will occur only in accordance with the Acceptance Test Plan.

9.2 **SYSTEM ACCEPTANCE.** System Acceptance will occur upon successful completion of the Acceptance Tests. Upon System Acceptance, the Parties will memorialize this event by promptly executing a System Acceptance Certificate. If Customer believes the System has failed the completed Acceptance Tests, Customer will provide to Motorola a written notice that includes the specific details of the failure. If Customer does not provide to Motorola a failure notice within thirty (30) days after completion

of the Acceptance Tests, System Acceptance will be deemed to have occurred as of the completion of the Acceptance Tests. Minor omissions or variances in the System that do not materially impair the operation of the System as a whole will not postpone System Acceptance or Subsystem acceptance, but Customer reported anomalies will be validated and corrected according to a mutually agreed schedule.

9.3 **LIVE OPERATION CUTOVER.** Following System Acceptance, if applicable, transition to the live production use of the System will be conducted as set out in the Statement of Work and the Live Operations Cutover (“Go-Live”) plan and constitute Beneficial Use.

9.4 **BENEFICIAL USE.** Customer acknowledges that Motorola’s ability to perform its implementation and testing responsibilities may be impeded if Customer begins using the System before System Acceptance and Live Operation Cutover. Therefore, Customer will not commence Beneficial Use before System Acceptance and Live Operation Cutover without Motorola’s prior written authorization, which will not be unreasonably withheld. Motorola is not responsible for System performance deficiencies that occur during unauthorized Beneficial Use. Upon commencement of Beneficial Use, Customer assumes responsibility for the use and operation of the System.

9.5 **FINAL SYSTEM ACCEPTANCE.** Final System Acceptance will occur as described in the Technical and Implementation documents as may be amended as described in Section 3.2. Notwithstanding, the Final System Acceptance will be deemed complete upon Live Operations Cut Over, and after any applicable reliability period when all deliverables have been completed. Final System Acceptance deliverables include, but are not limited to, the proper functioning of the Flex jail modules as specified in the Jail Management System (JMS) Equipment List set forth in Exhibit C-1 and the Odyssey Arrest Interface as described in the Technical Product Description set forth in Exhibit C-5. When Final System Acceptance occurs, the Parties will promptly memorialize this final event by so indicating on the System Acceptance Certificate. Should Motorola be unable to complete the Odyssey Arrest Interface according to the Technical Product Description set forth in Exhibit C-5: Customer shall neither be invoiced nor required to pay the enumerated fifth payment milestone set forth in Exhibit B; and Customer can accept the system without Jail Management and the Odyssey Arrest Interface and the System Acceptance Certificate will be amended accordingly prior to signature.

Section 10 REPRESENTATIONS AND WARRANTIES

10.1. **SYSTEM FUNCTIONALITY.** Motorola represents that the System will perform in accordance with the Specifications in all material respects. Upon System Acceptance or Beneficial Use or Go-Live, whichever occurs first, this System functionality representation is fulfilled. Motorola is not responsible for System performance deficiencies that are caused by ancillary equipment not furnished by Motorola which is attached to or used in connection with the System or for reasons or parties beyond Motorola’s control, such as natural causes; or Customer changes to load usage or configuration outside the Specifications or Customer network availability.

10.2. **EQUIPMENT WARRANTY.** During the Warranty Period, Motorola warrants that the Equipment under normal use and service will be free from material defects in materials and workmanship. If System Acceptance is delayed beyond six (6) months after shipment of the Equipment by events or causes beyond Motorola’s control, this warranty expires eighteen (18) months after the shipment of the Equipment. In no event does the Warranty Period exceed 12 months from Live Operations Cut Over or Beneficial Use, whichever occurs first.

10.3. **SOFTWARE WARRANTY.** Except as otherwise stated in the Software License Agreement, during the Warranty Period, Motorola warrants the Software in accordance with the warranty terms set forth in the Software License Agreement and the provisions of this Section that are applicable to the Software. The warranty set forth in Section 10.1 shall apply only to the most current version of the Software issued by Motorola. Issuance of updated versions of the Software does not result in a renewal or extension of the Warranty Period. Motorola assumes no responsibility for the use of superseded, outdated, or uncorrected

versions of the Software. Such warranty also excludes non-performance issues that result from Non Motorola Software or hardware malfunctions or defects; modification of the Software by any person other than Motorola, or defects or problems that are outside the reasonable control of Motorola, including defects or damage resulting from use of the Software in other than its normal, customary, and authorized manner; accident, liquids, neglect, or acts of God; testing, maintenance, disassembly, repair, installation, alteration, modification, or adjustment not provided or authorized in writing by Motorola; or Customer's failure to comply with industry standards disclosed in writing by Motorola to Customer. Customer will reimburse Motorola for its reasonable time and expenses for any Services provided at Customer's request to remedy excluded non-performance issues. Additionally, Motorola is not responsible for any problems or errors with the Software or Customer's system resulting from Customer's use of the Utilities (e.g., ctpertl, dbload or ODBC) in any manner other than read-only. Customer expressly acknowledges that any use of the "write" or "update" features of these Utilities may damage Customer's database or cause other problems with its system.

If System Acceptance is delayed beyond six (6) months after shipment of the Motorola Software by events or causes beyond Motorola's control, this warranty expires eighteen (18) months after the shipment of the Motorola Software.

10.4. EXCLUSIONS TO EQUIPMENT AND SOFTWARE WARRANTIES. These warranties do not apply to: (i) defects or damage resulting from: use of the Equipment or Software in other than its normal, customary, and authorized manner; accident, liquids, neglect, or acts of God; testing, maintenance, disassembly, repair, installation, alteration, modification, or adjustment not provided or authorized in writing by Motorola; Customer's failure to comply with all applicable industry and OSHA standards; (ii) breakage of or damage to antennas unless caused directly by defects in material or workmanship; (iii) Equipment that has had the serial number removed or made illegible; (iv) batteries (because they carry their own separate limited warranty) or consumables; (v) freight costs to ship Equipment to the repair depot; (vi) scratches or other cosmetic damage to Equipment surfaces that does not affect the operation of the Equipment; (vii) Customer Provided Equipment or equipment not provided by Motorola; and (viii) normal or customary wear and tear. Motorola is not responsible for obsolescence of the Software that may result from changes in Customer's requirements.

10.5. SERVICE WARRANTY. During the Warranty Period, Motorola warrants that the Services will be provided in a good and workmanlike manner and will conform in all material respects to the applicable Statement of Work. Services will be free of defects in materials and workmanship for a period of ninety (90) days from the date the performance of the Services are completed. Customer acknowledges that the Deliverables may contain recommendations, suggestions or advice from Motorola to Customer (collectively, "recommendations"). Motorola makes no warranties concerning those recommendations, and Customer alone accepts responsibility for choosing whether and how to implement the recommendations and the results to be realized from implementing them.

10.6 THIRD PARTY PRODUCTS. Notwithstanding any provisions herein to the contrary, the warranty provisions of Exhibit A-3 and Exhibit A-4 apply respectively to Microsoft Products and ESRI OEM Software.

10.7. WARRANTY CLAIMS. To assert a warranty claim, Customer must notify Motorola in writing of the claim before the expiration of the Warranty Period. Upon receipt of this notice, Motorola will investigate the warranty claim. If this investigation confirms a valid Equipment or Software warranty claim, Motorola will (at its option and at no additional charge to Customer) repair the defective Equipment or Motorola Software, replace it with the same or equivalent product, or refund the price of the defective Equipment or Motorola Software. These actions will be the full extent of Motorola's liability for the warranty claim. In the event of a valid Services warranty claim, Customer's sole remedy is to require Motorola to re-perform the non-conforming Service or to refund, on a pro-rata basis, the fees paid for the non-conforming Service. If this investigation indicates the warranty claim is not valid, then Motorola may invoice Customer for responding to the claim on a time and materials basis using Motorola's then current labor rates. Repaired or replaced product is warranted for the balance of the original applicable warranty period. All replaced products or parts will become the property of Motorola.

10.8. ORIGINAL END USER IS COVERED. These express limited warranties are extended by Motorola to the original user purchasing the System or Services for commercial, industrial, or governmental use only, and are not assignable or transferable.

10.9. DISCLAIMER OF OTHER WARRANTIES. THESE WARRANTIES ARE THE COMPLETE WARRANTIES FOR THE EQUIPMENT AND MOTOROLA SOFTWARE PROVIDED UNDER THIS AGREEMENT AND ARE GIVEN IN LIEU OF ALL OTHER WARRANTIES. MOTOROLA DISCLAIMS ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, AND FITNESS FOR A PARTICULAR PURPOSE. In addition, Motorola disclaims any warranty to any person other than Customer with respect to the Software or Documentation. Customer agrees that Motorola is not responsible, and Motorola disclaims all liability for any claims or damages arising out of or related to any unauthorized persons hacking into or accessing Customer's database or the Software.

Section 11 DELAYS

11.1. FORCE MAJEURE. Neither Party will be liable for its non-performance or delayed performance if caused by a Force Majeure. A Party that becomes aware of a Force Majeure that will significantly delay performance will notify the other Party promptly (but in no event later than fifteen days) after it discovers the Force Majeure. If a Force Majeure occurs, the Parties will execute a change order to extend the Performance Schedule or applicable Addenda for a time period that is reasonable under the circumstances.

11.2. PERFORMANCE SCHEDULE DELAYS CAUSED BY CUSTOMER. If Customer (including its other contractors) delays the Performance Schedule, it will make the promised payments according to the Payment Schedule as if no delay occurred; and the Parties will execute a change order to extend the Performance Schedule and, if requested, compensate Motorola for all reasonable charges incurred because of the delay. Delay charges may include costs incurred by Motorola or its subcontractors for additional freight, warehousing and handling of Equipment; extension of the warranties; travel; suspending and re-mobilizing the work; additional engineering, project management, and standby time calculated at then current rates; and preparing and implementing an alternative implementation plan.

11.3 SOFTWARE SUPPORT. Support for Software will be provided during System deployment. If the "Go-Live" date, as reflected in the Schedule, is delayed for greater than thirty (30) days for any reason beyond Motorola's control, Motorola will continue to provide Software support during the remainder of the deployment of the System at the then current support rates. In the case of delay or Schedule modifications, the Parties will execute a Change Order to reflect the duration of the extended Software support and the applicable fees.

Section 12 DISPUTES

The Parties will use the following procedure to address any dispute arising under this Agreement (a "Dispute").

12.1. GOVERNING LAW. This Agreement will be governed by and construed in accordance with the laws of the State in which the System is installed.

12.2. NEGOTIATION. Either Party may initiate the Dispute resolution procedures by sending a notice of Dispute ("Notice of Dispute"). The Parties will attempt to resolve the Dispute promptly through good faith negotiations including 1) timely escalation of the Dispute to executives who have authority to resolve the Dispute and who are at a higher level of management than the persons with direct responsibility for the matter and 2) direct communication between the executives. If the Dispute has not been resolved within ten (10) days from the Notice of Dispute, the Parties will proceed to mediation.

12.3. **MEDIATION.** The Parties will choose an independent mediator within thirty (30) days of a notice to mediate from either Party (“Notice of Mediation”). Neither Party may unreasonably withhold consent to the selection of a mediator. Each Party will bear its own costs of mediation, but the Parties will share the cost of the mediator equally. Each Party will participate in the mediation in good faith. Representation at the mediation must involve 1) for Motorola, a business executive with authority to resolve the Dispute, and 2) for the governing entities comprising the “Customer”, by a person or persons authorized to recommend resolution of the Dispute to the entities’ respective governing bodies.

12.4. **LITIGATION, VENUE and JURISDICTION.** If a Dispute remains unresolved for sixty (60) days after receipt of the Notice of Mediation, either Party may then submit the Dispute to a court of competent jurisdiction in the state in which the System is installed. Each Party irrevocably agrees to submit to the exclusive jurisdiction of the courts in such state over any claim or matter arising under or in connection with this Agreement.

12.5. **CONFIDENTIALITY.** Unless otherwise governed by law, all communications pursuant to subsections 12.2 and 12.3 will be treated as compromise and settlement negotiations for purposes of applicable rules of evidence and any additional confidentiality protections provided by applicable law. The use of these Dispute resolution procedures will not be construed under the doctrines of laches, waiver or estoppel to affect adversely the rights of either Party.

Section 13 DEFAULT AND TERMINATION

13.1. **DEFAULT BY A PARTY.** If either Party fails to perform a material obligation under this Agreement - including the Maintenance and Support Agreement (Exhibit D) or any Statement of Work executed by the Parties- and does not correct such breach within a reasonable time, the other Party may consider the non-performing Party to be in default (unless a Force Majeure causes the failure) and may assert a default claim by giving the non-performing Party a written and detailed notice of default. Except for a default by Customer for failing to pay any amount when due under this Agreement which must be cured immediately, the defaulting Party will have thirty (30) days after receipt of the notice of default to either cure the default or, if the default is not curable within thirty (30) days, provide a written cure plan. The defaulting Party will begin implementing the cure plan immediately after receipt of notice by the other Party that it approves the plan. If Customer is the defaulting Party, Motorola may stop work on the project until it approves the Customer’s cure plan. Repudiation or failure to accept the Software without cause constitutes a material breach of this Agreement.

13.2. **FAILURE TO CURE.** If a defaulting Party fails to cure the default as provided above in Section 13.1, unless otherwise agreed in writing, the non-defaulting Party may terminate any unfulfilled portion of this Agreement. In the event of termination for default, the defaulting Party will promptly return to the non-defaulting Party any of its Confidential Information. If Customer is the non-defaulting Party, terminates this Agreement as permitted by this Section, and completes the System through a third Party, Customer may as its exclusive remedy recover from Motorola reasonable costs incurred to complete the System to a capability not exceeding that specified in this Agreement less the unpaid portion of the Contract Price. Customer will mitigate damages and provide Motorola with detailed invoices substantiating the charges. In the event Customer elects to terminate this Agreement for any reason other than default, Customer shall pay Motorola for the conforming Equipment and/or Software delivered and all services performed.

13.3 **SUPPORT REQUIRED.** Customer is required to continue purchasing support and maintenance Services from Motorola throughout the term of this Agreement, as a condition to the license of the Software under this Agreement. This Agreement shall automatically terminate if Customer ceases paying the required fees for maintenance and support of the Software, unless Motorola terminates the Support Agreement without cause.

13.4 EFFECT OF TERMINATION. Upon termination of this Agreement, all rights granted to Customer will terminate and revert to Motorola and/or its licensors. Promptly upon termination of this Agreement for any reason or upon discontinuance or abandonment of Customer's possession or use of the Software, Customer must return or destroy, as requested by Motorola, all copies of the Software and Non-Motorola Software in Customer's possession, and all related Documentation, Confidential Information and other materials pertaining to the Software (including all copies thereof). However, the recipient of Confidential Information may retain one (1) archival copy of such Confidential Information (excluding the Software, Non-Motorola Software, and related Documentation), which it may use only in case of a dispute concerning this Agreement. Customer agrees to certify Customer's compliance with such obligations, and that Customer is no longer using the Software, upon Motorola's request. Customer will permit Motorola to repossess the Software and any products sold hereunder for which Customer has not fully paid the license fees or purchase price, as applicable. If Customer has any outstanding payment obligations under this Agreement, Motorola may accelerate and declare all such obligations of Customer immediately due and payable by Customer as a liquidated sum and proceed against Customer in any lawful way for satisfaction of such sum.

Section 14 INDEMNIFICATION

14.1. GENERAL INDEMNITY BY Motorola. Motorola will indemnify and hold Customer harmless from any and all liability, expense, judgment, suit, cause of action, or demand for personal injury, death, or direct damage to tangible property which may accrue against Customer to the extent it is caused by the negligence of Motorola, its subcontractors, or their employees or agents, while performing their duties under this Agreement, if Customer gives Motorola prompt, written notice of any claim or suit. Customer will cooperate with Motorola in its defense or settlement of the claim or suit. This Section sets forth the full extent of Motorola's general indemnification of Customer from liabilities that are in any way related to Motorola's performance under this Agreement.

14.2. PATENT AND COPYRIGHT INFRINGEMENT.

14.2.1. Motorola will defend at its expense any suit brought against Customer to the extent it is based on a third-party claim alleging that the Equipment manufactured by Motorola or the Motorola Software ("Motorola Product") directly infringes a United States patent or copyright ("Infringement Claim"). Motorola's duties to defend and indemnify are conditioned upon: Customer promptly notifying Motorola in writing of the Infringement Claim; Motorola having sole control of the defense of the suit and all negotiations for its settlement or compromise; and Customer providing to Motorola cooperation and, if requested by Motorola, reasonable assistance in the defense of the Infringement Claim. In addition to Motorola's obligation to defend, and subject to the same conditions, Motorola will pay all damages finally awarded against Customer by a court of competent jurisdiction for an Infringement Claim or agreed to, in writing, by Motorola in settlement of an Infringement Claim.

14.2.2 If an Infringement Claim occurs, or in Motorola's opinion is likely to occur, Motorola may at its option and expense: (a) procure for Customer the right to continue using the Motorola Product; (b) replace or modify the Motorola Product so that it becomes non-infringing while providing functionally equivalent performance; or (c) accept the return of the Motorola Product and grant Customer a credit for the Motorola Product, less a reasonable charge for depreciation. The depreciation amount will be calculated based upon generally accepted accounting standards.

14.2.3 Motorola will have no duty to defend or indemnify for any Infringement Claim that is based upon: (a) the combination of the Motorola Product with any software, apparatus or device not furnished by Motorola; (b) the use of ancillary equipment or software not furnished by Motorola and that is attached to or used in connection with the Motorola Product; (c) Motorola Product designed or manufactured in accordance with Customer's designs, specifications, guidelines or instructions, if the alleged infringement would not have occurred without such designs, specifications, guidelines or instructions; (d) a modification of the Motorola Product by a party other than Motorola; (e) use of the Motorola Product in a manner for which the Motorola Product was not designed or that is inconsistent with the terms of this Agreement; or (f) the failure by Customer to install an enhancement release to the Motorola Software that is intended to correct the claimed

infringement. In no event will Motorola's liability resulting from its indemnity obligation to Customer extend in any way to royalties payable on a per use basis or the Customer's revenues, or any royalty basis other than a reasonable royalty based upon revenue derived by Motorola from Customer from sales or license of the infringing Motorola Product.

14.2.4. This Section 14 provides Customer's sole and exclusive remedies and Motorola's entire liability in the event of an Infringement Claim. Customer has no right to recover and Motorola has no obligation to provide any other or further remedies, whether under another provision of this Agreement or any other legal theory or principle, in connection with an Infringement Claim. In addition, the rights and remedies provided in this Section 14 are subject to and limited by the restrictions set forth in Section 15.

Section 15 LIMITATION OF LIABILITY

Except for personal injury or death, Motorola's total liability, whether for breach of contract, warranty, negligence, strict liability in tort, indemnification, or otherwise, will be limited to the direct damages recoverable under law, but not to exceed the price of the Equipment, Software, or implementation and other one-time Services with respect to which losses or damages are claimed. With respect to all subscription or other ongoing Services and unless as otherwise provided under the applicable Addenda, Motorola's total liability will be limited to the direct damages recoverable under law, but not to exceed the price of twelve (12) months of Services preceding the incident giving rise to the claim. **ALTHOUGH THE PARTIES ACKNOWLEDGE THE POSSIBILITY OF SUCH LOSSES OR DAMAGES, THEY AGREE THAT MOTOROLA WILL NOT BE LIABLE FOR ANY COMMERCIAL LOSS, INCONVENIENCE, LOSS OF USE, LOSS TIME, DATA, GOODWILL, REVENUES, PROFITS OR SAVINGS; OR OTHER SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO OR ARISING FROM THIS AGREEMENT, THE SALE OR USE OF THE EQUIPMENT OR SOFTWARE, OR THE PERFORMANCE OF SERVICES BY MOTOROLA PURSUANT TO THIS AGREEMENT.** This limitation of liability provision survives the expiration or termination of the Agreement and applies notwithstanding any contrary provision.

Section 16 CONFIDENTIALITY AND PROPRIETARY RIGHTS

16.1. CONFIDENTIAL INFORMATION.

16.1.1. Each party is a disclosing party ("Discloser") and a receiving party ("Recipient") under this Agreement. All Deliverables will be deemed to be Motorola's Confidential Information. During the term of this Agreement and for a period of three (3) years from the expiration or termination of this Agreement, Recipient will (i) not disclose Confidential Information to any third party; (ii) restrict disclosure of Confidential Information to only those employees (including, but not limited to, employees of any wholly owned subsidiary, a parent company, any other wholly owned subsidiaries of the same parent company), agents or consultants who must be directly involved with the Confidential Information for the purpose and who are bound by confidentiality terms substantially similar to those in this Agreement; (iii) not disclose the Software or its related documentation to any competitor of Motorola; (iv) not copy, reproduce, reverse engineer, de-compile or disassemble any Confidential Information; (v) use the same degree of care as for its own information of like importance, but at least use reasonable care, in safeguarding against disclosure of Confidential Information; (vi) promptly notify Discloser upon discovery of any unauthorized use or disclosure of the Confidential Information and take reasonable steps to regain possession of the Confidential Information and prevent further unauthorized actions or other breach of this Agreement; and (vii) only use the Confidential Information as needed to fulfill this Agreement.

16.1.2. Recipient is not obligated to maintain as confidential, Confidential Information that Recipient can demonstrate by documentation (i) is now available or becomes available to the public without breach of this agreement; (ii) is explicitly approved for release by written authorization of Discloser; (iii) is lawfully obtained from a third party or parties without a duty of confidentiality; (iv) is known to the Recipient prior to such disclosure; or (v) is independently developed by Recipient without the use of any of Discloser's Confidential Information or any breach of this Agreement. Additionally, the Recipient may disclose Confidential

Information to the extent required by a judicial or legislative order or proceeding, or by any applicable federal or state open records act or freedom of information act requirements (collectively, "FOI Laws") provided that it gives the Discloser prompt prior notice of the intended disclosure and an opportunity to respond or object to the disclosure, if permissible. Motorola shall bear or otherwise reimburse Customer all costs, expenses, attorney's fees, and assessments relating to Customer's compliance with FOI Laws and shall prepare at its expense for Customer's use any notices, comments, or briefing for Customer's compliance with FOI Laws.

16.1.3. All Confidential Information remains the property of the Discloser and will not be copied or reproduced without the express written permission of the Discloser, except for copies that are absolutely necessary in order to fulfill this Agreement. Within ten (10) days of receipt of Discloser's written request, Recipient will return all Confidential Information to Discloser along with all copies and portions thereof, or certify in writing that all such Confidential Information has been destroyed. However, Recipient may retain one (1) archival copy of the Confidential Information that it may use only in case of a dispute concerning this Agreement. No license, express or implied, in the Confidential Information is granted other than to use the Confidential Information in the manner and to the extent authorized by this Agreement. The Discloser warrants that it is authorized to disclose any Confidential Information it discloses pursuant to this Agreement.

16.2. PRESERVATION OF MOTOROLA'S PROPRIETARY RIGHTS. Motorola, the third party manufacturer of any Equipment, and the copyright owner of any Non-Motorola Software own and retain all of their respective Proprietary Rights in the Equipment and Software, and nothing in this Agreement is intended to restrict their Proprietary Rights. The Software and all related documentation and materials provided by Motorola are licensed (not sold) to Customer. Motorola and the copyright owner of any Non-Motorola Software own and retain all of their respective Proprietary Rights in the Software and Non-Motorola Software respectively, and nothing in this Agreement is intended to restrict their Proprietary Rights. All intellectual property developed, originated, or prepared by Motorola in connection with providing to Customer the Equipment, Software, or related services remain vested exclusively in Motorola, and this Agreement does not grant to Customer any shared development rights of intellectual property. Motorola and its licensors specifically reserve all rights not expressly granted to Customer in this Agreement. Customer must keep the Software free and clear of all claims, liens, and encumbrances. Except as explicitly provided in the Software License Agreement, Motorola does not grant to Customer, either directly or by implication, estoppel, or otherwise, any right, title or interest in Motorola's Proprietary Rights. Customer will not modify, disassemble, peel components, decompile, otherwise reverse engineer or attempt to reverse engineer, derive source code or create derivative works from, adapt, translate, merge with other software, reproduce, distribute, sublicense, sell or export the Software, or permit or encourage any third party to do so. The preceding sentence does not apply to Open Source Software which is governed by the standard license of the copyright owner.

16.3 PROPRIETARY MATERIALS. Customer acknowledges that Motorola may use and/or provide Customer with access to certain software tools and/or other technical materials, including, but not limited to, data, modules, components, designs, utilities, subsets, objects, program listings, models, methodologies, programs, systems, analysis frameworks, leading practices and specifications which Motorola has developed prior to, or independently from, the provision of the Services and/or which Motorola licenses from third parties, and derivatives thereof (collectively, "Proprietary Materials"). The Proprietary Materials are the sole and exclusive property of Motorola and Motorola retains all right, title and interest in and to the Proprietary Materials.

16.4 VOLUNTARY DISCLOSURE. Except as required to fulfill its obligations under this Agreement, Motorola will have no obligation to provide Customer with access to its Confidential Information and/or proprietary information. Under no circumstances will Motorola be required to provide any data related to cost and pricing.

16.5 DATA AND FEEDBACK.

16.5.1 To the extent permitted by law, Customer owns all right, title and interest in System Data created solely by it or its agents (hereafter, "Customer Data"), and grants to Motorola the right to use, host, cache, store, reproduce, copy, modify, combine, analyze, create derivatives from, communicate, transmit, publish, display, and distribute such Customer Data.

16.5.2 Motorola owns all right, title and interest in data resulting from System Data that is or has been transformed, altered, processed, aggregated, correlated or operated on (hereafter, "Derivative Data").

16.5.3 Any Feedback given by Customer is and will be entirely voluntary and, even if designated as confidential, will not create any confidentiality obligation for Motorola. Motorola will be free to use, reproduce, license or otherwise distribute and exploit the Feedback without any obligation to Customer. Customer acknowledges that Motorola's receipt of the Feedback does not imply or create recognition by Motorola of either the novelty or originality of any idea. The parties further agree that all fixes, modifications and improvements made to Motorola products or services conceived of or made by Motorola that are based, either in whole or in part, on the Feedback are the exclusive property of Motorola and all right, title and interest in and to such fixes, modifications or improvements to the Motorola product or service will vest solely in Motorola.

Section 17 GENERAL

17.1. TAXES. The Contract Price does not include any excise, sales, lease, use, property, or other taxes, assessments or duties, all of which will be paid by Customer except as exempt by law. Customer represents that it consists of tax exempt entities, political subdivisions within their respective states, as defined in the Internal Revenue Code, and shall not be liable for any taxes pursuant to this Agreement. Motorola accepts full and exclusive liability for the payment of any and all contributions or taxes for Social Security, Worker's Compensation Insurance, Unemployment Insurance, or Retirement Benefits, Pensions, or annuities now or hereafter imposed under any state or federal laws which are measured by the wages, salaries, or other remuneration paid to persons employed or contracted by Motorola for work performed under this Agreement. Motorola will be solely responsible for reporting taxes on its income or net worth.

17.2. ASSIGNABILITY AND SUBCONTRACTING. Except as provided herein, neither Party may assign this Agreement or any of its rights or obligations hereunder without the prior written consent of the other Party, which consent will not be unreasonably withheld. Any attempted assignment, delegation, or transfer without the necessary consent will be void. Without the consent of Customer, Motorola may assign or duplicate and assign this Agreement in connection with a merger, consolidation, assignment, sale or other disposition of the majority of Motorola's stock or substantially all of the assets or business relating to the portion of Motorola's operations that is the subject of this Agreement. Motorola may subcontract any of the work, but subcontracting will not relieve Motorola of its duties under this Agreement.

17.3. WAIVER. Failure or delay by either Party to exercise a right or power under this Agreement will not be a waiver of the right or power. For a waiver of a right or power to be effective, it must be in a writing signed by the waiving Party. An effective waiver of a right or power will not be construed as either a future or continuing waiver of that same right or power, or the waiver of any other right or power.

17.4. SEVERABILITY. If a court of competent jurisdiction renders any part of this Agreement invalid or unenforceable, that part will be severed and the remainder of this Agreement will continue in full force and effect.

17.5. INDEPENDENT CONTRACTORS. Each Party will perform its duties under this Agreement as an independent contractor. The Parties and their personnel will not be considered to be employees or agents of the other Party. Nothing in this Agreement will be interpreted as granting either Party the right or authority

to make commitments of any kind for the other. This Agreement will not constitute, create, or be interpreted as a joint venture, partnership or formal business organization of any kind.

17.6. HEADINGS AND SECTION REFERENCES. The section headings in this Agreement are inserted only for convenience and are not to be construed as part of this Agreement or as a limitation of the scope of the particular section to which the heading refers. This Agreement will be fairly interpreted in accordance with its terms and conditions and not for or against either Party.

17.7. NOTICES. Notices required under this Agreement to be given by one Party to the other must be in writing and either personally delivered or sent to the address provided by the other Party by certified mail, return receipt requested and postage prepaid (or by a recognized courier service, such as Federal Express, UPS, or DHL), or by facsimile with correct answerback received, and will be effective upon receipt.

17.8. COMPLIANCE WITH APPLICABLE LAWS. Each Party will comply with all applicable federal, state, and local laws, regulations and rules concerning the performance of this Agreement or use of the System. Customer will obtain and comply with all Federal Communications Commission ("FCC") licenses and authorizations required for the installation, operation and use of the System before the scheduled installation of the Equipment. Although Motorola might assist Customer in the preparation of its FCC license applications, neither Motorola nor any of its employees is an agent or representative of Customer in FCC or other matters.

17.9. AUTHORITY TO EXECUTE AGREEMENT. Each Party represents that it has obtained all necessary approvals, consents and authorizations to enter into this Agreement and to perform its duties under this Agreement; the person executing this Agreement on its behalf has the authority to do so; upon execution and delivery of this Agreement by the Parties, it is a valid and binding contract, enforceable in accordance with its terms; and the execution, delivery, and performance of this Agreement does not violate any bylaw, charter, regulation, law or any other governing authority of the Party.

17.10. ADMINISTRATOR LEVEL ACCOUNT ACCESS. If applicable to the type of System purchased by Customer, Motorola will provide Customer with Administrative User Credentials. Customer agrees to only grant access to the Administrative User Credentials to those personnel with the training and experience to correctly use them. Customer is responsible for protecting Administrative User Credentials from disclosure and maintaining Credential validity by, among other things, updating passwords when required. Customer may be asked to provide valid Administrative User Credentials when in contact with Motorola System support personnel. Customer understands that changes made as the Administrative User can significantly impact the performance of the System. Customer agrees that it will be solely responsible for any negative impact on the System or its users by any such changes. System issues occurring as a result of changes made using the Administrative User Credentials may impact Motorola's ability to perform Services or other obligations under the Agreement. In such cases, a revision to the appropriate provisions of the Agreement, including the Statement of Work, may be necessary. To the extent Motorola provides assistance to correct any issues caused by or arising out of the use of or failure to maintain Administrative User Credentials, Motorola will be entitled to bill Customer and Customer will pay Motorola on a time and materials basis for resolving the issue.

17.11. SURVIVAL OF TERMS. The following provisions will survive the expiration or termination of this Agreement for any reason: Section 3.6 (Motorola Software); Section 3.7 (Non-Motorola Software); if any payment obligations exist, Sections 6.2 and 6.3 (Contract Price and Invoicing and Payment); Subsection 10.9 (Disclaimer of Implied Warranties); Section 12 (Disputes); Section 14 (Indemnification); Section 15 (Limitation of Liability); and Section 16 (Confidentiality and Proprietary Rights); and all of the General provisions in Section 17.

17.12. ENTIRE AGREEMENT. This Agreement, including all Exhibits, constitutes the entire agreement of the Parties regarding the subject matter of the Agreement and supersedes all previous agreements, proposals, and understandings, whether written or oral, relating to this subject matter. This Agreement may be executed in multiple counterparts, and shall have the same legal force and effect as if the Parties had

executed it as a single document. The Parties may sign in writing, or by electronic signature, including by email. An electronic signature, or a facsimile copy or computer image, such as a PDF or tiff image, of a signature, shall be treated as and shall have the same effect as an original signature. In addition, an electronic signature, a true and correct facsimile copy or computer image of this Agreement shall be treated as and shall have the same effect as an original signed copy of this document. This Agreement may be amended or modified only by a written instrument signed by authorized representatives of both Parties. The preprinted terms and conditions found on any Customer purchase or purchase order, acknowledgment or other form will not be considered an amendment or modification of this Agreement, even if a representative of each Party signs that document.

[This space left intentionally blank; signature page follows.]

The Parties hereby enter into this Agreement as of the Effective Date.

Customer

Signature: _____

Print Name: Bobby Howell

Title: Bowie County Judge

Date: _____

Customer

Signature: _____

Print Name: Dr. David Orr

Title: Texarkana Texas City Manager

Date: _____

Customer

Signature: _____

Print Name: E. Jay Ellington

Title: Texarkana Arkansas City Manager

Date: _____

Motorola Solutions, Inc.

Signature: _____

Print Name: _____

Title: _____

Date: _____

Exhibit A-1

MOTOROLA SOFTWARE LICENSE AGREEMENT

This Exhibit A Motorola Software License Agreement ("Agreement") is between Motorola Solutions, Inc., ("Motorola"), and Bowie County, TX; Texarkana, TX and Texarkana, AR (Collectively "Licensee")

For good and valuable consideration, the parties agree as follows:

Section 1 DEFINITIONS

1.1 "Designated Products" means products provided by Motorola to Licensee with which or for which the Software and Documentation is licensed for use.

1.2 "Documentation" means product and software documentation that specifies technical and performance features and capabilities, and the user, operation and training manuals for the Software (including all physical or electronic media upon which such information is provided).

1.3 "Open Source Software" means software with either freely obtainable source code, license for modification, or permission for free distribution.

1.4 "Open Source Software License" means the terms or conditions under which the Open Source Software is licensed.

1.5 "Primary Agreement" means the agreement to which this exhibit is attached.

1.6 "Security Vulnerability" means a flaw or weakness in system security procedures, design, implementation, or internal controls that could be exercised (accidentally triggered or intentionally exploited) and result in a security breach such that data is compromised, manipulated or stolen or the system damaged.

1.7 "Software" (i) means proprietary software in object code format, and adaptations, translations, de-compilations, disassemblies, emulations, or derivative works of such software; (ii) means any modifications, enhancements, new versions and new releases of the software provided by Motorola; and (iii) may contain one or more items of software owned by a third party supplier. The term "Software" does not include any third party software provided under separate license or third party software not licensable under the terms of this Agreement.

Section 2 SCOPE

Motorola and Licensee enter into this Agreement in connection with Motorola's delivery of certain proprietary software or products containing embedded or pre-loaded proprietary software, or both. This Agreement contains the terms and conditions of the license Motorola is providing to Licensee, and Licensee's use of the proprietary software and affiliated documentation.

Section 3 GRANT OF LICENSE

3.1. Subject to the provisions of this Agreement and in consideration of the payment of applicable license fees, Motorola grants to Licensee a personal, limited, non-transferable (except as permitted in Section 7) and non-exclusive license under Motorola's copyrights and Confidential Information (as defined in the Primary Agreement) embodied in the Software to use the Software, in object code form, and the Documentation solely in connection with Licensee's use of the Designated Products. If Exhibit C-2 lists one

or more agencies of Customer as "Authorized Users," Shared Agencies, or a similar term, or otherwise identifies the agencies that the parties intend to use the Software, then, notwithstanding any other terms of this Agreement, the parties acknowledge and agree that all rights and licenses granted under this Agreement for the use of the Software and related materials are granted solely to such Authorized Users, including Shared Agencies, and their personnel. As required by the Primary Agreement, Customer will require Authorized Users including Shared Agencies to commit in writing to the obligations in the Software License Agreement. Additional agencies may be added to Exhibit C-2 as Authorized Users, or may be added as Shared Agencies pursuant to Section 3.8 of the Primary Agreement, by mutual written agreement of Customer and Motorola, subject to payment of the applicable license and support fees for the additional agencies. This Agreement does not grant any rights to source code.

3.2. If the Software licensed under this Agreement contains or is derived from Open Source Software, the terms and conditions governing the use of such Open Source Software are in the Open Source Software Licenses of the copyright owner and not this Agreement. If there is a conflict between the terms and conditions of this Agreement and the terms and conditions of the Open Source Software Licenses governing Licensee's use of the Open Source Software, the terms and conditions of the license grant of the applicable Open Source Software Licenses will take precedence over the license grants in this Agreement. If requested by Licensee, Motorola will use commercially reasonable efforts to: (i) determine whether any Open Source Software is provided under this Agreement; and (ii) identify the Open Source Software (or specify where that license may be found).

3.3. If the Designated Products being acquired by Licensee include a Microsoft SQL Server or a Microsoft System Center Operations Manager, the Microsoft software for these Microsoft Products is sublicensed to Licensee from Motorola and is subject to additional Microsoft End-User License Agreement terms.

3.4 TO THE EXTENT, IF ANY, THAT THERE IS A SEPARATE LICENSE AGREEMENT PACKAGED WITH, OR PROVIDED ELECTRONICALLY WITH A PARTICULAR PRODUCT THAT BECOMES EFFECTIVE ON AN ACT OF ACCEPTANCE BY THE END USER, THEN THAT AGREEMENT SUPERSEDES THE SOFTWARE LICENSE AGREEMENT AS TO THE END USER OF EACH SUCH PRODUCT.

Section 4 LIMITATIONS ON USE

4.1. Licensee may use the Software only for Licensee's internal business purposes and only in accordance with the Documentation. Any other use of the Software is strictly prohibited. Without limiting the general nature of these restrictions, Licensee will not make the Software available for use by third parties on a "time sharing," "application service provider," or "service bureau" basis or for any other similar commercial rental or sharing arrangement.

4.2. Licensee will not, and will not allow or enable its employees, agents, and independent contractors and any third party to: (i) reverse engineer, disassemble, peel components, decompile, reprogram or otherwise reduce the Software or any portion to a human perceptible form or otherwise attempt to recreate the source code; (ii) modify, adapt, create derivative works of, or merge the Software; (iii) copy, reproduce, distribute, lend, or lease the Software or Documentation to any third party, grant any sublicense or other rights in the Software or Documentation to any third party, or take any action that would cause the Software or Documentation to be placed in the public domain; (iv) remove, or in any way alter or obscure, any copyright notice or other notice of Motorola's proprietary rights; (v) provide, copy, transmit, disclose, divulge or make the Software or Documentation available to, or permit the use of the Software by any third party or on any machine except as expressly authorized by this Agreement; or (vi) use, or permit the use of, the Software in a manner that would result in the production of a copy of the Software solely by activating a machine containing the Software. Licensee may make one copy of Software to be used solely for archival, back-up, or disaster recovery purposes; *provided* that Licensee may not operate that copy of the Software at the same time as the original Software is being operated. Licensee may make as many copies of the

Documentation as it may reasonably require for the internal use of the Software. Licensee is liable for any breach of this Agreement by any of its employees, agents, or independent contractors.

4.3. Unless otherwise authorized by Motorola in writing, Licensee will not, and will not enable or allow any third party to: (i) install a licensed copy of the Software on more than one unit of a Designated Product; or (ii) copy onto or transfer Software installed in one unit of a Designated Product onto one other device. Licensee may temporarily transfer Software installed on a Designated Product to another device if the Designated Product is inoperable or malfunctioning, if Licensee provides written notice to Motorola of the temporary transfer and identifies the device on which the Software is transferred. Temporary transfer of the Software to another device must be discontinued when the original Designated Product is returned to operation and the Software must be removed from the other device. Licensee must provide prompt written notice to Motorola at the time temporary transfer is discontinued.

4.4. The license for Cityworks or Customer Service Request Software is for the use of the Software with the Designated System or for the specified number of Concurrent Users for which it was provided, the purpose for which it was designed and only for the application specific use covered by this Agreement, or the Primary Agreement. This license does not allow access to the Software through other Designated Systems except as specifically permitted. "Concurrent User" means the maximum number of concurrent connections to Software authorized by this Agreement or the Primary Agreement at any one instance in time. "Designated System" means the computer hardware and operating system configuration specified in the Primary Agreement for which the Software is licensed for use. Additional Designated System licenses are required for communication with additional instances of a database or additional databases.

4.5. Licensee will maintain, during the term of this Agreement and for a period of two years thereafter, accurate records relating to this license grant to verify compliance with this Agreement. Motorola or an independent third party ("Auditor") may inspect Licensee's premises, books and records, upon reasonable prior notice to Licensee, during Licensee's normal business hours and subject to Licensee's facility and security regulations. Motorola is responsible for the payment of all expenses and costs of the Auditor. Any information obtained by Motorola and the Auditor will be kept in strict confidence by Motorola and the Auditor and used solely for the purpose of verifying Licensee's compliance with the terms of this Agreement.

Section 5 OWNERSHIP AND TITLE

Motorola, its licensors, and its suppliers retain all of their proprietary rights in any form in and to the Software and Documentation, including, but not limited to, all rights in patents, patent applications, inventions, copyrights, trademarks, trade secrets, trade names, and other proprietary rights in or relating to the Software and Documentation (including any corrections, bug fixes, enhancements, updates, modifications, adaptations, translations, de-compilations, disassemblies, emulations to or derivative works from the Software or Documentation, whether made by Motorola or another party, or any improvements that result from Motorola's processes or, provision of information services). No rights are granted to Licensee under this Agreement by implication, estoppel or otherwise, except for those rights which are expressly granted to Licensee in this Agreement. All intellectual property developed, originated, or prepared by Motorola in connection with providing the Software, Designated Products, Documentation or related services, remains vested exclusively in Motorola, and Licensee will not have any shared development or other intellectual property rights.

Section 6 LIMITED WARRANTY; DISCLAIMER OF WARRANTY

6.1. Unless otherwise stated in the Primary Agreement, the commencement date and the term of the Software warranty will be a period of ninety (90) days from Motorola's shipment of the Software (the "Warranty Period"). If Licensee is not in breach of any of its obligations under this Agreement, Motorola warrants that the unmodified Software, when used properly and in accordance with the Documentation and this Agreement, will be free from a reproducible defect that eliminates the functionality or successful operation of a feature critical to the primary functionality or successful operation of the Software. Whether

a defect occurs will be determined by Motorola solely with reference to the Documentation. Motorola does not warrant that Licensee's use of the Software or the Designated Products will be uninterrupted, error-free, completely free of Security Vulnerabilities, or that the Software or the Designated Products will meet Licensee's particular requirements. Motorola makes no representations or warranties with respect to any third party software included in the Software. Notwithstanding, any warranty provided by a copyright owner in its standard license terms will flow through to Licensee for third party software provided by Motorola.

6.2 Motorola's sole obligation to Licensee and Licensee's exclusive remedy under this warranty is to use reasonable efforts to remedy any material Software defect covered by this warranty. These efforts will involve either replacing the media or attempting to correct significant, demonstrable program or documentation errors or Security Vulnerabilities. If Motorola cannot correct the defect within a reasonable time, then at Motorola's option, Motorola will replace the defective Software with functionally-equivalent Software, license to Licensee substitute Software which will accomplish the same objective, or terminate the license and refund the Licensee's paid license fee.

6.3. Warranty claims are described in the Primary Agreement.

6.4. The express warranties set forth in this Section 6 are in lieu of, and Motorola disclaims, any and all other warranties (express or implied, oral or written) with respect to the Software or Documentation, including, without limitation, any and all implied warranties of condition, title, non-infringement, merchantability, or fitness for a particular purpose or use by Licensee (whether or not Motorola knows, has reason to know, has been advised, or is otherwise aware of any such purpose or use), whether arising by law, by reason of custom or usage of trade, or by course of dealing. In addition, Motorola disclaims any warranty to any person other than Licensee with respect to the Software or Documentation.

Section 7 TRANSFERS

Licensee will not transfer the Software or Documentation to any third party without Motorola's prior written consent. Motorola's consent may be withheld at its discretion and may be conditioned upon transferee paying all applicable license fees and agreeing to be bound by this Agreement. If the Designated Products are Motorola's radio products and Licensee transfers ownership of the Motorola radio products to a third party, Licensee may assign its right to use the Software (other than CPS and Motorola's FLASHport® software) which is embedded in or furnished for use with the radio products and the related Documentation; *provided* that Licensee transfers all copies of the Software and Documentation to the transferee, and Licensee and the transferee sign a transfer form to be provided by Motorola upon request, obligating the transferee to be bound by this Agreement.

Section 8 TERM AND TERMINATION

8.1 Licensee's right to use the Software and Documentation will begin when the Primary Agreement is signed by both parties and will continue for the life of the Designated Products with which or for which the Software and Documentation have been provided by Motorola, unless Licensee breaches this Agreement, in which case this Agreement and Licensee's right to use the Software and Documentation may be terminated immediately upon notice by Motorola.

8.2 Within thirty (30) days after termination of this Agreement, Licensee must certify in writing to Motorola that all copies of the Software have been removed or deleted from the Designated Products and that all copies of the Software and Documentation have been returned to Motorola or destroyed by Licensee and are no longer in use by Licensee.

8.3 Licensee acknowledges that Motorola made a considerable investment of resources in the development, marketing, and distribution of the Software and Documentation and that Licensee's breach of this Agreement will result in irreparable harm to Motorola for which monetary damages would be inadequate. If Licensee breaches this Agreement, Motorola may terminate this Agreement and be entitled to all available remedies at law or in equity (including immediate injunctive relief and repossession of all

non-embedded Software and associated Documentation unless Licensee is a Federal agency of the United States Government).

Section 9 Commercial Computer Software

9.1 *This Section 9 only applies to U.S. Government end users.* The Software, Documentation and updates are commercial items as that term is defined at 48 C.F.R. Part 2.101, consisting of “commercial computer software” and “computer software documentation” as such terms are defined in 48 C.F.R. Part 252.227-7014(a)(1) and 48 C.F.R. Part 252.227-7014(a)(5), and used in 48 C.F.R. Part 12.212 and 48 C.F.R. Part 227.7202, as applicable. Consistent with 48 C.F.R. Part 12.212, 48 C.F.R. Part 252.227-7015, 48 C.F.R. Part 227.7202-1 through 227.7202-4, 48 C.F.R. Part 52.227-19, and other relevant sections of the Code of Federal Regulations, as applicable, the Software, Documentation and Updates are distributed and licensed to U.S. Government end users: (i) only as commercial items, and (ii) with only those rights as are granted to all other end users pursuant to the terms and conditions contained herein.

9.2 If Licensee is licensing Software for end use by the United States Government or a United States Government agency, Licensee may transfer such Software license, but only if: (i) Licensee transfers all copies of such Software and Documentation to such United States Government entity or interim transferee, and (ii) Licensee has first obtained from the transferee (if applicable) and ultimate end user an enforceable end user license agreement containing restrictions substantially identical to the ones contained in this Agreement. Except as stated in the foregoing, Licensee and any transferee(s) authorized by this subsection 9.2 may not otherwise use or transfer or make available any Motorola software to any third party nor permit any party to do so.

Section 10 CONFIDENTIALITY

Licensee acknowledges that the Software and Documentation contain Motorola’s valuable proprietary and Confidential Information and are Motorola’s trade secrets, and that the provisions in the Primary Agreement concerning Confidential Information apply.

Section 11 LIMITATION OF LIABILITY

The Limitation of Liability provision is described in the Primary Agreement.

Section 12 NOTICES

Notices are described in the Primary Agreement.

Section 13 GENERAL

13.1. **COPYRIGHT NOTICES.** The existence of a copyright notice on the Software will not be construed as an admission or presumption of publication of the Software or public disclosure of any trade secrets associated with the Software.

13.2. **COMPLIANCE WITH LAWS.** Licensee acknowledges that the Software is subject to the laws and regulations of the United States and Licensee will comply with all applicable laws and regulations, including export laws and regulations of the United States. Licensee will not, without the prior authorization of Motorola and the appropriate governmental authority of the United States, in any form export or re-export, sell or resell, ship or reship, or divert, through direct or indirect means, any item or technical data or direct or indirect products sold or otherwise furnished to any person within any territory for which the United States Government or any of its agencies at the time of the action, requires an export license or other governmental approval. Violation of this provision is a material breach of this Agreement.

13.3. **ASSIGNMENTS AND SUBCONTRACTING.** Motorola may assign its rights or subcontract its obligations under this Agreement, or encumber or sell its rights in any Software, without prior notice to or consent of Licensee.

13.4. **GOVERNING LAW.** This Agreement is governed by the laws of the United States to the extent that they apply and otherwise by the internal substantive laws of the State to which the Software is shipped if Licensee is a sovereign government entity, or the internal substantive laws of the State of Illinois if Licensee is not a sovereign government entity. The terms of the U.N. Convention on Contracts for the International Sale of Goods do not apply. In the event that the Uniform Computer Information Transaction Act, any version of this Act, or a substantially similar law (collectively "UCITA") becomes applicable to a party's performance under this Agreement, UCITA does not govern any aspect of this Agreement or any license granted under this Agreement, or any of the parties' rights or obligations under this Agreement. The governing law will be that in effect prior to the applicability of UCITA.

13.5. **THIRD PARTY BENEFICIARIES.** This Agreement is entered into solely for the benefit of Motorola and Licensee. No third party has the right to make any claim or assert any right under this Agreement, and no third party is deemed a beneficiary of this Agreement. Notwithstanding the foregoing, any licensor or supplier of third party software included in the Software will be a direct and intended third party beneficiary of this Agreement.

13.6. **SURVIVAL.** Sections 4, 5, 6.4, 7, 8, 9, 10, 11 and 13 survive the termination of this Agreement.

13.7. **ORDER OF PRECEDENCE.** In the event of inconsistencies between this Exhibit and the Primary Agreement, the parties agree that this Exhibit prevails, only with respect to the specific subject matter of this Exhibit, and not the Primary Agreement or any other exhibit as it applies to any other subject matter.

13.8. **SECURITY.** Motorola uses reasonable means in the design and writing of its own Software and the acquisition of third party Software to limit Security Vulnerabilities. While no software can be guaranteed to be free from Security Vulnerabilities, if a Security Vulnerability is discovered, Motorola will take the steps set forth in Section 6 of this Agreement.

Exhibit A-2

Microsoft End User License Agreements, if applicable

Exhibit A-3

Microsoft Terms, if applicable

This Exhibit A-3 to the Computer Aided Dispatch (“CAD”) and Records System and Services Agreement (“Primary Agreement”) only concerns the Microsoft Products included with the CAD Solution provided by Motorola. Motorola and Customer agree that this Exhibit applies only to the Microsoft Products as fully described herein.

1. **SOFTWARE LICENSE.** As to any Microsoft Products being furnished, the Microsoft software for those Microsoft Products is sublicensed to Licensee from Motorola pursuant to the Customer’s Motorola Software License Agreement and is subject to the additional Microsoft End-User License Agreement terms, Exhibit A-2.

2. **CUSTOMER USERS.** Notwithstanding any provisions herein to the contrary, the following provisions apply concerning the Microsoft Products. If Customer is acquiring from Motorola a Microsoft SQL Server and/or a Microsoft System Center Operations Manager, then Customer warrants 1) that the number of users that may access the System are correctly indicated in the Exhibits to this Agreement; 2) that Customer is not being licensed the SQL Server or Microsoft System Center Operations Manager under a license from Microsoft, but rather under a sublicense from Motorola’ 3) that the copies of the referenced Microsoft Products it receives from Motorola do not entitle it to maintain on its computer systems any more copies of the Microsoft Products than it previously licensed from Motorola or Microsoft; 4) that Customer possesses and will maintain sufficient quantities of fully valid Microsoft licenses to support the maximum number of users and/or devices that may access or use the System under the provisions of the End-User License Agreement, 5) that Microsoft will be an intended third party beneficiary of the End-User License Agreement, with the right to enforce the warranties and any other provisions of the End-User License Agreement provisions and to verify compliance of the End User with the same, 6) that Customer shall not run on a mirrored database server for more than 30 days without obtaining a SQL license for that server, 7) that the Customer grants permission for the disclosure of End-User information by Motorola as required in Motorola’s Monthly royalty reports and ordering information reports to Microsoft, 8) that Microsoft does not transfer any ownership rights in any Product, and 9) that Motorola is solely responsible for providing technical support for the Microsoft Products.

3. **LIMITATIONS.** The rights granted in this Agreement with respect to Microsoft Products are subject to the following limitations: 1) Customer has no copyright interest in the Microsoft Products; 2) Customer may not rent, lease, lend or provide hosting services with the Products; 3) Customer may not reverse engineer, decompile or disassemble any Product; 4) Customer may not remove, modify or obscure any copyrights, trademarks or other proprietary right notices contained in the Products; and 5) The Microsoft Products are not designed or intended for use in any situation where failure or fault of the product could lead to death or serious bodily injury of any person, or to severe physical or environmental damage (“High Risk Use”). Motorola’s right to sublicense Microsoft Products excludes the right to use, or distribute the Microsoft Products for Customer’s use in, or in conjunction with, High Risk Use, therefore, High Risk Use is strictly prohibited. High Risk use, by way of example, includes aircraft or other modes of human mass transportation, nuclear or chemical facilities, and Class III medical devices under the Federal Food, Drug and Cosmetic Act. Notwithstanding the foregoing, as long as PremierOne CAD is used in a manner for which it was designed and in accordance with the documentation provided, Motorola declares such use is not considered to be High Risk Use as defined by Microsoft.

4. **MICROSOFT PRODUCTS WARRANTY.** Notwithstanding any provisions herein to the contrary, the following provisions apply to the Microsoft Products:

4.1. Microsoft Products are not fault tolerant or free from errors, conflicts, interruptions or other imperfections. Performance may vary depending upon what hardware platform they are installed on, the interactions with other software applications and each product's configurations.

4.2. Microsoft Corporation is providing the Microsoft Products "as-is" with no warranty of any kind and disclaims all warranties, express and implied, to the maximum extent allowed by applicable law. Microsoft further disclaims any liability of Microsoft for any damages, whether direct, indirect incidental or consequential, as a result of the use or installation of the Products. Additionally, to the extent permitted under applicable law, Microsoft Corporation excludes for itself and its suppliers all warranties of any kind, including:

- a. any warranties of title, non-infringement, merchantability and fitness for a particular purpose;
- b. any implied warranty arising from course of dealing or usage of trade;
- c. any common law duties relating to accuracy or lack of negligence with respect to the Microsoft Products, any Master Copy, and any Software Documentation; and
- d. that the products will operate properly in connection with the System, the Motorola products or on any Customer system(s).

If applicable law gives Customer any implied warranties, guarantees or conditions despite the foregoing exclusion, those warranties will be limited to one year and Customer remedies will be limited to the maximum extent allowed by this Agreement.

5. THIRD PARTY PROVIDED DOCUMENTATION. Non-Motorola authored documentation will be provided in the format available from the vendor and in accordance with the vendors distribution policy.

Exhibit A-4 ESRI Terms, if applicable

This Exhibit A-4 to the Computer Aided Dispatch (“CAD”) and Records System and Services Agreement (“Primary Agreement”) only concerns the ESRI OEM Software included with the CAD Solution provided by Motorola. Motorola and Customer agree that this Exhibit applies only to the ESRI OEM Software as fully described herein.

1. ESRI OEM SOFTWARE. Notwithstanding any provisions herein to the contrary, the following provisions apply concerning the ESRI OEM Software.

1.1 The use of ESRI OEM Software is restricted to executable code.

1.2 The following are prohibited: (i) transfer of the OEM Software, except for a temporary transfer in the event of a computer malfunction; (ii) assignment, time-sharing, lend or lease, or rental of the OEM Software or use for commercial network services or interactive cable or remote processing services; and (iii) title to the OEM Software from passing to Customer or any other party.

1.3 Also prohibited are the reverse engineering, disassembly, or decompilation of the OEM Software and the duplication of the OEM Software, except for a single archival copy; reasonable Customer backup copies are permitted.

1.4 To the extent permitted by law, ESRI’s liability is disclaimed for any damages, or loss of any kind, whether special, direct, indirect, incidental, or consequential, arising from the use of the OEM Software, including damages resulting from any ESRI provided Data (Data is not warranted) and damages resulting from use in High Risk Activities such as the operation of nuclear facilities, aircraft navigation or aircraft communications systems, air traffic control, life support, or weapon systems. ESRI specifically disclaims any express or implied warranty of fitness for High Risk Activities.

1.5 Upon termination of the contract, Customer agrees to certify in writing to Motorola that it has discontinued use and has destroyed or will return to Motorola all copies of the OEM Software and documentation.

1.6 Customer will fully comply with all relevant export laws and regulations of the United States to assure that the OEM Software, or any direct product thereof, is not exported, directly or indirectly, in violation of United States law.

1.7 Customer shall not remove or obscure any copyright, trademark notice, or restrictive legend.

1.8 In any sublicense to the United States Government, the OEM Software shall be provided with “Restricted Rights.”

2. ESRI WARRANTY.

2.1 As to ESRI OEM Software, during the term of this Agreement ESRI represents and warrants the Software will substantially perform in conformance with the Specifications and its Documentation, provided

the Software is used as specified in the Documentation, and will provide Updates, Upgrades, timely system releases, error corrections, and such improvements outlined in the ESRI life cycle maintenance policy. The foregoing warranties do not apply to errors, defects, or nonconformities due to: a) misuse of the Software solely by the Customer; b) unauthorized modification of the Software by Customer; or c) failure of Customer to use compatible hardware and software as set forth in the specifications.

2.2. If included under this Agreement, the Data has been obtained from sources believed to be reliable, but its accuracy and completeness is not guaranteed. The Data may contain some nonconformities, defects, errors or omissions. ESRI and Motorola make no warranty with respect to the Data. Without limiting the generality of the preceding sentence, ESRI and Motorola do not warrant the Data will meet the Customer's needs or expectations, the use of Data will be uninterrupted, or that all nonconformities can or will be corrected. ESRI and Motorola are not inviting reliance on the Data, and Customer should always verify actual Data, including, but not limited to, map, spatial, raster and tabular information.

2.3. EXCEPT FOR THE ABOVE EXPRESS LIMITED WARRANTIES, ESRI DISCLAIMS ALL OTHER WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINTERFERENCE, SYSTEM INTEGRATION AND NON-INFRINGEMENT. ESRI DOES NOT WARRANT THAT THE DATA WILL MEET CUSTOMER'S NEEDS OR EXPECTATIONS, THE USE OF THE SAME WILL BE UNINTERRUPTED, OR THAT ALL NONCONFORMITIES CAN OR WILL BE CORRECTED.

2.4. Customer's exclusive remedy and ESRI's entire liability for breach of the limited warranties set forth herein shall be limited, at ESRI's sole discretion, to (a) replacement of any defective media; (b) repair, correction, or a work-around for the Software subject to the ESRI Support Services Policy, (c) return of the license fees paid for the Software, Data, or Documentation that does not meet ESRI's limited warranty, provided that Customer uninstalls, removes, and destroys all copies of the Software, Data, or Documentation and executes and delivers evidence of such de-installation and destruction to ESRI.

3. THIRD PARTY PROVIDED DOCUMENTATION. Non-Motorola authored documentation will be provided in the format available from the vendor and in accordance with the vendors distribution policy

Exhibit B
PAYMENT

Except for a payment that is due on the Effective Date, Customer will make payments to Motorola within thirty (30) days after the date of each invoice. Customer will make payments when due in the form of a check, cashier's check, or wire transfer drawn on a U.S. financial institution. If Customer has purchased additional Professional or Subscription services, payment will be in accordance with the applicable addenda. Payment for the System purchase will be in accordance with the following milestones.

System Purchase

Payment Milestone	Payment	Amount
1. Execution of Contract (On or before 10/25/21)	25.0% \$	433,025.17
2. Delivery of applicable System Hardware and Application Software to Customer Site (Invoice no sooner than 3/1/2022)	25.0% \$	433,025.17
3. Installation of System Hardware and Application Software to Customer Site (Invoice no sooner than 9/1/2022)	25.0% \$	433,025.17
4. Successful Completion of CAD, RMS and Mobile System Live Cut (Invoice no sooner than 1/5/2023)	7.7% \$	133,025.17
5. Flex Jail Management System Live Cut, Odyssey Arrest Interface Acceptance & Final System Acceptance (Invoice no sooner than 1/5/2023)	17.3% \$	300,000.00
Total	100% \$	1,732,100.68

Motorola shall make partial shipments of equipment and will request payment upon shipment of such equipment. In addition, Motorola shall invoice for installations completed on a site-by-site basis or when professional services are completed, when applicable. The value of the equipment shipped/services performed will be determined by the value shipped/services performed as a percentage of the total milestone value. Unless otherwise specified, contract discounts are based upon all items proposed and overall system package. Overdue invoices will bear simple interest at the maximum allowable rate by state law.

For Maintenance and Support Plan and Subscription Based Services:
Motorola will invoice Customer annually in advance of each year of the plan.

Exhibit C**Implementation and Technical Documents**

- C-1 "Pricing Summary and Equipment List" dated September 15, 2021
- C-2 "Statement of Work" dated September 15, 2021
- C-3 "Project Schedule" (to be mutually developed)
- C-4 "Training Plan" (to be mutually developed)
- C-5 "Technical Product Descriptions"
- C-6 "Data Conversion Scope of Work"

C-1 “Pricing Summary and Equipment List”

Pricing

	List Price	Motorola Preferred Discount	2021 Discount	Discounted Total	2nd Year Maintenance
Software					
Hub	\$ 403,916	\$ (110,184)	\$ (73,456)	\$ 220,276	\$ 43,034
CAD	\$ 262,077	\$ (25,615)	\$ (17,077)	\$ 219,386	\$ 9,546
RMS	\$ 627,856	\$ (122,955)	\$ (81,970)	\$ 422,932	\$ 58,641
Mobile CAD	\$ 505,878	\$ (97,247)	\$ (64,831)	\$ 343,800	\$ 22,803
Mobile RMS	\$ 157,726	\$ (32,395)	\$ (21,597)	\$ 103,734	\$ 19,656
Resource Management	\$ 70,157	\$ (21,799)	\$ (14,533)	\$ 33,826	\$ 7,517
Evidence	\$ 40,314	\$ (12,526)	\$ (8,351)	\$ 19,437	\$ 4,319
Jail	\$ 155,089	\$ (28,774)	\$ (19,182)	\$ 107,133	\$ 9,922
Warrant & Inmate Search	\$ 21,000	\$ -	\$ -	\$ 21,000	\$ 3,000
Management Dashboards	\$ 106,609	\$ -	\$ -	\$ 106,609	\$ 17,653
Flex Touch	\$ 22,682	\$ (7,048)	\$ (4,698)	\$ 10,936	\$ 2,430
Software Total	\$ 2,373,304	\$ (458,542)	\$ (305,695)	\$ 1,609,067	\$ 198,521
Hardware & Data Conversion					
Servers (To be provided by agency)	\$ -	\$ -	\$ -	\$ -	\$ -
Evidence Hardware	\$ 4,283	\$ -	\$ -	\$ 4,283	\$ -
DL Scanning HW	\$ 18,750	\$ -	\$ -	\$ 18,750	\$ -
Data Conversion (est.)	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -
Hardware & Data Conversion Total	\$ 123,033	\$ -	\$ -	\$ 123,033	\$ -
Grand Total List Price	\$ 2,496,338	\$ (458,542)	\$ (305,695)	\$ 1,732,101	\$ 198,521

Contract Summary	Amount
Software, Hardware and Implementation	\$ 1,732,101
Year 1 - Maintenance	Included
Year 2 - Maintenance	\$ 198,521
Year 3 - Maintenance	\$ 198,521
Year 4 - Maintenance	\$ 198,521
Year 5 - Maintenance	\$ 198,521
Grand Total (PO Amount*)	\$ 2,526,185

*Maintenance to be billed annually against PO.

Pricing Notes

- The 2021 Pricing Incentive in this quote expires on **October 31, 2021**.
- Pricing includes a server license for Esri and the Network Analyst, but does not include desktop licenses.
- The first year of maintenance is included in the purchase price
- Unless otherwise specified, workstations, laptops and other hardware are not included.
- Server maintenance and support (beyond what is provided by supplier warranties (Windows, etc.)) has not been included.
- Taxes, if applicable, have not been included in this pricing.

Equipment List

Flex Hub

At the core of the Flex system is our Integrated Hub, a single-source database where information is referenced by all modules. Using a centralized database, all information is entered, stored, and then extracted in real time from one location.

Hub Modules

Integrated Hub:

- *Master Name, Vehicle and Property Tables* – Stores all system information, which can be accessed from one central repository
- *Duplicate Prevention Tools* – Prevents users from duplicating data entry, ensuring accuracy
- *Visual Involvements® (Link Analysis)* – Links an unlimited number of related items and records
- *Message Center* – Supports sending and receiving of agency-wide email and instant messaging and displays scrolling BOLOs and other alerts along the bottom of the screen
- *Reporting* – Includes more than 2,000 preformatted reports that support the tracking and maintenance of critical information
- *Warrant Tracking* – Generates a detailed history of all attempts to serve warrants and tracks each warrant through its lifecycle, including the initial receipt, completion of service, and its return to court
- *Training Database* – Educates users without jeopardizing data on the live system and allows users log on to the live or training database directly from workstations

Imaging & File Attachments

- Accommodates unlimited file types (i.e., images, sound clips, videos)
- Incorporates media files directly into the records housed in the system

Learning Management System (LMS)

- Provides online training courses on Flex modules
- Great way to train new users and to help seasoned users to brush up on best practices

Data Replication

- Replicate Flex data into a secondary SQL reporting database

Secondary Database Support

- Support updates to secondary legacy databases.

Insight – Data Sharing

- Allows users to run real-time queries of local agency records on the databases of participating agencies for names, associated images, vehicles, property information, and other records
- Or, Insight can be used to query a secondary internal legacy database

Flex GIS OEM Server License

- Validates addresses using industry standard Esri® technology, saving users time
- Leverages the latest Esri® technology to reduce response times through accurate geo-validation
- Includes ArcGIS Esri® license

ARCGIS Desktop Network Analyst Extension

- Leverages Esri's turn-by-turn directions

Pin Mapping

- Allows access to any piece of data, record, or a combination of fields from any point on the map
- Provides accurate and timely data to analyze calls for service

Additional Server/Database Support

- Technical Support and updates for additional database (Legacy Database)

Crystal Reports (3 Licenses)

- Creates ad hoc reports based on ODBC compliance

Hub Interfaces
Active Directory Integration

- Integrates Flex system security with Windows Active Directory

Computer-Aided Dispatch (CAD)

Motorola's integrated CAD enables dispatch personnel to access mission-critical information and effectively manage calls for single agencies and multiple jurisdictions. Advanced features such as real-time call updates, unit responses, and automatic alerts for wanted persons and dangerous locations help ensure appropriate units are dispatched in the most efficient way possible – every feature of Motorola's CAD system has been designed to provide users with the tools necessary for safe and efficient responses.

CAD Modules
CAD

- All system modules are fully integrated and dispatchers can easily access data from any table with a single login
- Ensures officer safety by displaying automatic visual alerts that provide up-to-date information on warrants, etc.

CAD Mapping

- Provides users with powerful access to location and call information based on full integration with the CAD system
- Allows dispatchers to quickly and easily dispatch units with drag-and-drop functionality

Response Plans

- Allows public safety organizations to define the agencies and units that will respond to a law, fire, or EMS call at a specified alarm level

Premises and HazMat

- Retrieves information, (i.e., floor plans, alarm locations, & contact information)
- Searches chemicals in the National Oceanic and Atmospheric Administration (NOAA) CAMEO Chemicals

CAD Interfaces
E911 Interface

- Populates ANI/ALI automatically into the Flex CAD system
- Allows dispatch centers to pinpoint cellular call locations

TX StateLink 2.0 – TLETS/NCIC Queries

- Accesses wanted persons information, warrants, stolen vehicles, missing persons, criminal histories, vehicle registrations, driver license information, and other critical data

Rapid Notification 2.0

- Allows users to configure based on call nature and the station to send emails or texts to smartphones, faxes, or a message to a network printer
- Includes messages with address, call nature, units responding, and some cad call comments

Motorola Console Status Integration

- Status and talk-group Integration between Motorola Consoles and Flex CAD
- Must be compatible with existing Motorola Radio System

Motorola Radio GPS Integration

- Agencies can view Global Positioning System (GPS)-equipped Motorola radios in Flex's mapping software
- Allows dispatchers and other officers to locate each other, even if a responder leaves the vehicle
- Must be compatible with existing Motorola Radio System

Motorola Integrated Call Control – Vesta

- Perform Vesta call-taking activities directly from the Flex call-taking screen

Flex Records Management

Maximize the use of information throughout the entire records management process while maintaining data integrity and improving efficiency. Flex's Law Records Management System consolidates all law incident records into a single database and allows users to easily generate incident and case management reports. For criminal and non-criminal incidents alike, agencies have the ability to search on and track complaints, victims, offenders, suspects, witnesses, evidence, vandalism, arson, vehicles, and stolen and recovered property.

RMS Modules

Law Records & Case Management

- Easy report generation on crime analysis, presentation, and archiving saves time and reduces effort for agency personnel
- Reduces errors and duplicate data entry through full integration with the rest of the Flex modules
- Enhances situational awareness along with officer safety through automatic visual alerts
- Tracks detailed status information for cases from beginning to end and leverages Involvements® to link information on all persons, property, and vehicles associated with a case

Field Report with Field Interview (Also used in Mobile)

- Users can easily navigate fields and drop-down menus using either a touch-screen monitor or keyboard and mouse to record data and conduct field interviews, saving time
- Enables officers to quickly complete forms from their patrol vehicles, eliminating the need to return to the station
- Contains large fields that are easy to navigate with a touchscreen monitor, keyboard, or mouse, streamlining the navigation process and saving time

Arrest Form (Also used in Mobile)

- Integrated with the Mobile Field Report, and completed as part of a related incident record, the Mobile Arrest Form organizes arrest data and saves officers time by populating arrest data into the Flex system
- Users can finalize and save prior to completing the field report, allowing them to focus on their surroundings without losing data

Offender Tracking

- Manages, organizes, and tracks critical SORNA-compliant sex offender data
- Allows agencies to track various offender types and dispositions such as registration end dates, additional IDs, etc.

Traffic Information

- Delivers consistent, accurate data for shaping sound traffic safety procedures
- Monitors activity on your roadways and generates quantifiable reports for traffic management

Civil Process

- Allows agencies to track the receipt, service, and return of service for all types of civil processes managed by law enforcement

- Enables personnel to print service worksheets, returns, and statements of process from a civil process record

Racial Profiling

- Track and report on race incident statistics

Licenses and Permits

- Stores certifications, (i.e., animal and bicycle licenses, weapon & fire permits)
- Tracks information such as expiration dates, fees, payments, and adjustments

Vehicle Impound

- Maintains accurate, detailed records of all impounded vehicles
- Records information for vehicle, owner, driver, impound, and vehicle sale

CommandCentral Capabilities

- Links and organizes records, case file information, images, videos, and other related attached files to all records within the Flex database in a quick view and accessible format
- Judicial Sharing gives ability to provide access to specific records for judicial partners such as a District Attorney or State Solicitor's Office

RMS Interfaces
Arkansas IBR & NIBRS (NIBERS & State IBR)

- Enables agencies to compile detailed, organized crime summary and activity information such as offenses, arrests, and law incidents for submitting IBR reports that meet state and federal standards
- Automatically retrieves data from the Flex system for report generation, saving time and eliminating any manual or redundant efforts to create these reports

Texas IBR & NIBRS (NIBERS & State IBR)

- Enables agencies to compile detailed, organized crime summary and activity information such as offenses, arrests, and law incidents for submitting IBR reports that meet state and federal standards
- Automatically retrieves data from the Flex system for report generation, saving time and eliminating any manual or redundant efforts to create these reports

Odyssey Attorney Manager Interface (For Bowie County)

- Automatically share Arrest data from Flex to Odyssey Courts.

XML Law Interface

- Motorola Data Exchange Tool
- Used to import data from Brazos into Flex Vehicle Impound & Field Interview modules

Flex Mobile Data Computing

Flex's CAD, RMS, & Mapping modules are fully integrated with Flex Mobile solution, which allows for access to critical data in real time and improves efficiencies for officers in the field. Because all modules are completely integrated, alerts, warnings, and historical information appear with all relevant records, allowing users to make informed, split-second decisions. Flex's Automated Field Reporting and single search capabilities allow users to instantly search local databases, as well as state and national databases with a single query.

Mobile Modules
Mobile Voiceless CAD

- Connects dispatch personnel with field personnel through status updates and the ability to add/view all comments

Mobile Mapping & AVL

- User map viewing options help organize information and enhance situational awareness
- Enables customization for easy viewing, saving time and reducing effort during resource allocation

Mobile Records

- Empowers personnel with universal data access, simplifying the search process in the field
- Mobile personnel can search for records in multiple places without leaving the vehicle or requesting dispatch assistance, saving time and effort

Quickest Route

- Improves response times by dispatching the unit closest to a call
- Calculates the total drive time to reach a call and displays the ideal route and driving directions

Mobile Premises and HazMat

- Retrieves information, (i.e., floor plans, alarm locations, & contact information)
- Searches chemicals in the National Oceanic and Atmospheric Administration (NOAA) CAMEO Chemicals

Flex Touch (Smartphone/Tablet) – Fire Agencies

- Provides access dispatch information, and receive call assignments using a mobile device
- Searches for name, vehicle, property, and incident records from a mobile device

Mobile Interfaces
DL Scanning (Includes 50 DL Scanners)

- Gives officers the ability to scan a driver license, automatically populate Mobile search screens with the driver's name, date of birth, address, physical description, and driver license identification number
- Automatically queries the local database as well as state and National Crime Information Center (NCIC)

Mobile State & National Queries (Texas)

- Allows users to perform state/federal searches simultaneously, saving time by requiring only one query
- Returns include alerts on records containing warnings, and are delivered audibly as well as with visual highlights, appealing to each officer's most effective mode of notification and saving time

Brazos e-Citation Interface (Texas)

- Allows users to complete e-citations in the Brazos e-citation system and then automatically populate the Flex Traffic table to allow for easy reporting and analysis.

Texas Accident Form (Accident from Third-Party Software)

- Allows users to complete crash reports in the state e-crash system and then automatically populate the Flex accident table to allow for easy reporting and analysis

Resource Management
Flex Modules
Equipment Maintenance

- Tracks the condition, location, history, and upkeep of department equipment, enabling easy tracking with organized information
- Calculates operating cost and equipment value, simplifying budgetary decisions and saving time
- Enables easier, quicker buying decisions by tracking warranty, manufacturer, and vendor information

Personnel Management

- Stores and organizes all information in a central repository for easy access
- Prevents redundant entry of information based on system-wide integration, saving users time and preventing duplicate records

Evidence Management
Flex Modules
Evidence Management

- Maintains complete and accurate chain of custody for all evidence received
- Records changes in location, status, and custodian of evidence items, providing a detailed history item receipt through its release or disposal

Evidence Barcode and Auditing (Includes TWO (2) Barcode Equipment Bundles)

- Allows for simplified data entry, precise labeling, and hand-held auditing of storage locations
- Enables users to easily inventory and audit evidence using a handheld barcode reader

Analytics & Dashboards

Flex's dashboards and analysis tools allow agencies to maximize historical data by identifying crime trends, hotspots, and patterns by using information in the Flex database. This information affords the ability to monitor the health of the agency and make informed decisions about how to best utilize agency resources and personnel. The integration found in Flex system delivers the use of current, accurate, and assessable data, which is essential for the proactive deployment of resources.

Flex Modules
CompStat Management Dashboard

- Identifies crime trends for determining best use of agency resources
- Calculates statistics and presents information in an easy-to-analyze format without having to run multiple reports

Command Staff Productivity Dashboard

- Provides administrators with easy visibility into each officer or deputy's performance and statistics
- Administrators can pull statistics regarding incidents such as accidents, arrests, citations, and warnings

CAD Management Dashboard

- Allows communication centers to review performance, enabling targeted resources, improved response times, and the best possible service
- Allows users to view the nature and frequency of calls, the number of calls occurred per day or per hour, and compare call frequency and response time by week, month, quarter, or year

Jail Management System (JMS)

Flex's Corrections Management solutions provide agencies with powerful tools to efficiently gather a broad range of vital inmate data. The Jail Records module automates an agency's inmate processes from start to finish. Vital functions such as booking procedures, inmate tracking, risk and medical assessment, and reporting enable correctional facilities to manage data efficiently and securely. The complete integration found within the Flex system provides the ability to share critical data between corrections and all agency users.

JMS Modules

Jail Management System

- Simplifies the booking processes and manages detailed jail log information
- Displays multiple offenses and inmates on a single entry

Inmate Work Assignments

- Track Inmate Work Assignments - Who is assigned to work on kitchen crews, road crews, cleaning jail pods or other inmate jobs within the jail
- Automatically credit work time to inmates who work jobs - The system can be set to automatically deduct work time from an Inmate's sentence based on the ratio set up in the job configuration.

Disciplinary Actions

- Track inmates who have been placed on disciplinary status
- Tracks infraction committed to warrant disciplinary action
- Tracks and enforces sanctions against an inmate as a result of the hearing and charges (i.e., commissary, visitation, recreation, telephone calls, work)

Jail Biometrics (Hardware not Included)

- Allows jail personnel to scan inmate fingerprints to confirm identity for booking and release

Warrant & Inmate Search WebApp (Scope added to existing WebApp)

- Search for Inmates booked in jail and active warrants from a web page.

JMS Interfaces

LiveScan Fingerprinting Interface

- Transfers data from Flex's Jail Records module to a LiveScan fingerprinting system
- Allows users to customize data to ensure that fingerprint cards meet agency preferences

Third-Party API Interfaces

The Motorola Solution's Partner Program is a streamlined way for complementary software vendors to access our Application Programming Interfaces (APIs) and implement joint solutions.

Third-Party Interfaces Identified

Motorola identified the following third-party software solutions during the discovery process. If not already complete, third-party vendors will need to develop interfaces with Flex using the Flex API.

- Guardian RFID (Integrator)
- Turnkey Medical (Turn Key Health Clinics)
- FileOnQ
- Karpel
- Firehouse
- Lone Star Commissary (TIGER)
- Correct Solutions (Tech Friends)

Vendors will need to join the Motorola Partner Program. Vendors will be charged a nominal annual fee for membership in this program to cover associated technical support activities. These and any other development fees charged by third-party vendors to Customer are not included in this contract.

Modules by Agency

Module	Suite	CRC	Texarkana TX PD	Bowie County SO	Texarkana AR PD	Texarkana TX FD	Texarkana AR FD
ACTIVE DIRECTORY INTEGRATION	HUB	✓	✓	✓	✓		
ADDITIONAL SERVER/DATABASE SUPPORT	HUB	✓					
ARCGIS DESKTOP NETWORK ANALYST EXTENSION LICENSE	HUB	✓					
DATA REPLICATION	HUB	✓					
ESRI ARCGIS SERVER STANDARD LICENSE	HUB	✓					
HUB	HUB	✓	✓	✓	✓		
IMAGING	HUB	✓	✓	✓	✓		
INSIGHT	HUB	✓					
LEARNING MANAGEMENT SYSTEM (LMS)	HUB	✓	✓	✓	✓	✓	✓
CRYSTAL REPORTS (3 LICENSES)	HUB	✓					
PIN MAPPING	HUB	✓	✓	✓	✓		
CAD	CAD	✓					
CAD MAPPING	CAD	✓					
E9-1-1 INTERFACE	CAD	✓					
MOTOROLA ASTRO RADIO LOCATION INTEGRATION	CAD	✓					
PREMISES AND HAZMAT INFORMATION	CAD	✓					
RAPID NOTIFICATION 2.0	CAD	✓					
RESPONSE PLANS	CAD	✓					
STATELINK	CAD	✓					
ARREST FORM	RMS		✓	✓	✓		
CC CAPABILITIES	RMS		✓	✓	✓		
FIELD REPORT WITH FIELD INTERVIEW	RMS		✓	✓	✓		

Module	Suite	CRC	Texarkana TX PD	Bowie County SO	Texarkana AR PD	Texarkana TX FD	Texarkana AR FD
LAW RECORDS	RMS		✓	✓	✓		
LICENSES AND PERMITS	RMS			✓			
OFFENDER TRACKING	RMS		✓	✓	✓		
RACIAL PROFILING	RMS		✓	✓	✓		
TRAFFIC INFORMATION	RMS		✓	✓	✓		
VEHICLE IMPOUND	RMS		✓	✓	✓		
CIVIL PROCESS	RMS			✓			
IBR INTERFACE	RMS		✓	✓	✓		
ODYSSEY ATTORNEY MANAGER INTERFACE	RMS			✓			
XML LAW INTERFACE (IMPOUND & FIELD INTERVIEW)	RMS		✓				
MOBILE AVL AND MAPPING	Mobile CAD		✓	✓	✓	✓	✓
MOBILE PREMISES AND HAZMAT	Mobile CAD		✓	✓	✓	✓	✓
MOBILE RECORDS	Mobile RMS		✓	✓	✓		
MOBILE STATE & NATIONAL QUERIES	Mobile CAD		✓	✓			
MOBILE VOICELESS CAD	Mobile CAD		✓	✓	✓	✓	✓
QUICKEST ROUTE	Mobile CAD	✓	✓	✓	✓	✓	✓
ARKANSAS ECITATION IMPORT INTERFACE	Mobile RMS				✓		
DRIVER LICENSE SCANNING INTERFACE	Mobile RMS			✓	✓		
TEXAS ACCIDENT FORM	Mobile RMS		✓	✓			
TEXAS BRAZOS CITATION INTERFACE	Mobile RMS		✓	✓			
EQUIPMENT MAINTENANCE	Resource Management		✓	✓	✓		
PERSONNEL MANAGEMENT	Resource Management	✓	✓	✓	✓		
EVIDENCE BARCODE AND AUDITING	Evidence			✓	✓		
EVIDENCE MANAGEMENT	Evidence			✓	✓		
DISCIPLINARY ACTIONS	Jail			✓			

Module	Suite	CRC	Texarkana TX PD	Bowie County SO	Texarkana AR PD	Texarkana TX FD	Texarkana AR FD
FLEX BIOMETRICS	Jail			✓			
INMATE WORK ASSIGNMENTS	Jail			✓			
JAIL MANAGEMENT	Jail			✓			
LIVESCAN FINGERPRINTING INTERFACE	Jail			✓			
WARRANT & INMATE SEARCH WEBAPP	Warrant & Inmate Search			✓			
CAD MANAGEMENT DASHBOARD	Management Dashboards	✓					
COMMAND STAFF PRODUCTIVITY DASHBOARD	Management Dashboards		✓	✓	✓		
COMPSTAT MANAGEMENT DASHBOARD	Management Dashboards		✓	✓	✓		
FLEX TOUCH	Flex Touch					✓	✓
SERVER - LINUX SERVER & BACKUP SERVER	Hardware	✓					
DATALOGIC GRYPHON BARCODE SCANNER HARDWARE (2 TOTAL)	Hardware			✓	✓		
DATALOGIC MEMOR 10 (2 TOTAL)	Hardware			✓	✓		
ZEBRA BARCODE PRINTER HARDWARE (2 TOTAL)	Hardware			✓	✓		
L-TRON 4910LR DRIVER LICENSE SCANNING HARDWARE (50 TOTAL)	Hardware			✓	✓		

C-2 “Statement of Work”

**Public Safety Software Implementation
Statement of Work (“SOW”)**

Between

**Motorola Solutions, Inc.
 (“Motorola”)**

And

**Central Records and Communications
 (“Customer”)**

Prepared

September 15, 2021

By

Motorola Solutions, Inc.

This information is the property of Motorola and is provided on a confidential and restricted basis. This information shall not be disclosed outside of Customer organization and shall not be duplicated, used, or disclosed in whole or in part for any reason other than to evaluate this SOW.

Introduction and Purpose

Motorola provides comprehensive public safety software for police departments, sheriff's offices, fire departments, communication centers and correctional facilities. Under the guidance and participation of Customer, Motorola will facilitate the delivery and implementation of its integrated software solutions, which includes all purchased products and services in the Purchase and License Agreement.

Together, the integrated software solutions are referred to as the "System."

Motorola is committed to building a lifelong partnership with Customer by providing professional project management assistance through implementation, account management, technical services, and both initial and ongoing training. Motorola will provide Customer with software tools and services to implement a system that provides for the storage, retrieval, retention, manipulation, and viewing of documents, or files pertaining to Customer operations.

This SOW guides the primary activities and responsibilities for the System's implementation. It documents project implementation requirements, identifies each major task within the implementation process, sets expectations for each party, and identifies the criteria by which Motorola and Customer will consider a task complete.

Project Objectives

Ongoing objectives of the Public Safety Software Implementation project:

- Provide a comprehensive public safety software solution to facilitate data management
- Provide the software and services necessary to enable interoperability and real-time data sharing
- Provide initial and ongoing system and application administration training to ensure proper setup and the efficient use of software modules
- Facilitate the implementation of data entry standards

Specific SOW objectives:

- Complete the project implementation plan
- Configure, set up, and install the server
- Install and configure core Motorola software modules
- Install and configure the external interfaces
- Provide onsite system setup consultation and system and application administration training
- Provide comprehensive end user training and assistance with code table set up
- Provide Go-live assistance

Change Management Procedures

In the event it is necessary to change this SOW or, if applicable, a Scope of Work document, the following procedure will be used:

- The party requesting the change will issue a Change Request document ("Change Request"). The Change Request will describe the nature of the change, the reason for the change, and the effect of the change, which may include changes to the work product. The Change Request will also include any changes in pricing.

- Either party may initiate a Change Request for any material changes to this SOW and any applicable Scope of Work. The requesting party will review the proposed change with the other party and the parties will negotiate reasonably and in good faith to agree upon the requested change and any changes to the fees or schedule that may result therefrom. Upon the parties' agreement, the appropriate authorized representatives of the parties will sign the Change Request, indicating acceptance of the changes by the parties.
- Upon execution of the Change Request, the Motorola and Customer Project Managers will incorporate the change into the SOW or Scope of Work.

Project Assumptions and General Responsibilities

Project Assumptions

- The Flex System will be implemented in a Linux or Windows environment.
- Customer network is available and appropriately configured.
- Hardware is available that meets or exceeds Motorola's current hardware recommendations, is patched per Motorola's recommendations, and is appropriately configured.
- A TCP/IP-capable network is available for Flex Mobile; specifically, a broadband wireless data network (3G or greater) or a similar high speed private network. At a minimum, wireless networks should accommodate average bi-directional data rates of 256 kbit/s (kilobits per second) between the mobile client and the Flex server.
- Customer obtains State user and terminal ORIs in a timely fashion.
 - State/NCIC (StateLink) interface may not be ready for end user training; a live connection is not necessary for training exercises.
- Third party vendors provide required information for interface configuration.
- This engagement will begin on a mutually acceptable date after Motorola is in receipt of a signed contract from Customer that covers the fees and expenses described therein.
- Customer will provide appropriate technical and management resources to participate in the implementation as identified in the project tasks and responsibilities.

Customer Responsibilities

- Maintain effective communications with the Motorola Project Manager
- Participate in onsite project status meetings
- Respond to issues and concerns as communicated by the Motorola Project Manager
- Provide Motorola with Customer-approved project change requests
- Coordinate required Customer tasks and responsibilities with the Motorola Project Manager
- Manage all third party vendors for which Customer contracts facilitate project activities
- Ensure Customer project team members have the knowledge and expertise to meet required project responsibilities
- Provide onsite and dedicated VPN remote access as required to facilitate installation and Motorola's continued system support
- Install Flex application client on all computers
- Install Mobile application client on mobile computers
- Provide physical training facilities and supplies (e.g., projector, screen, whiteboard or equivalent) as well as personal computers required for training end users
- Ensure management and end user personnel are scheduled and available for training

Motorola Project Team Responsibilities

- Function as the liaisons with Customer's designated project manager
- Provide Customer with a project management plan, including a cut-over plan for Go-live
- Supply system test plans, setup, administration and configuration documentation, student manuals (training plans), and end user Documentation
- Manage all aspects of the implementation, including project communications
- Participate in the project planning and system setup
- Coordinate and schedule the delivery of all products and services provided by Motorola
- Conduct onsite project status meetings at Customer facility and attend all major project events including project kickoff meeting, project team training, and Go-live activities
- Facilitate the submission and approval of Customer change requests
- Provide responses and recommend resolutions to Customer issues
- Facilitate the server configuration and core system installation, and coordinate external interface installation
- Manage all third party vendors contracted by Motorola

Project Tasks and Responsibilities

This section outlines all project phases, individual tasks, and responsible parties required to meet the goals and objectives of this SOW. Motorola and Customer will perform their respective tasks through a combination of onsite collaboration, coordination via telephone, email communications, and other remote means, as appropriate.

Tasks may or may not be completed in the order in which they appear. Some tasks may be sequential while other tasks may be concurrent with other tasks.

Some tasks will involve 3rd party entities (government agencies, vendors, etc.) to successfully complete this project. Motorola will cooperate and use good faith efforts to work effectively with all 3rd party representatives from other vendors or government agencies as may be necessary to ensure successful Project completion.

Project Planning and Pre-Installation

Task Description

Project Planning will consist of a series of tasks and activities to help prepare the Customer and Motorola for the implementation process:

- **Pre-Implementation Meeting**
Motorola will conduct a Pre-Implementation Meeting (PIM), which includes a project review session and product demonstration. The Project review session will include a detailed discussion of the contract documents, project timelines, goals and objectives, and roles and responsibilities of both parties. The Project review session will be designed to ensure the project managers and key personnel on both sides are familiar with the contract documents and have the same understanding of the overall scope of the project and project approach.
- **Workflow and Forms Review Sessions/Project Team Planning Session**
Motorola will schedule and conduct Workflow and Forms Review Sessions with each agency/department to identify paper forms and manual reports that can/will be eliminated by installing the new System, and the changes that will be required in forms that will remain in use after system go-live. This task will also include a detailed discussion/presentation and recommendations on how each agency will/should streamline work processes and adjust current staffing resources to match Software utilization.

Deliverables

Upon completion of Project Planning, Motorola and Customer will:

- Document results of the workflow and forms review for each agency. Motorola will provide recommendations on forms that can potentially be eliminated and/or consolidated for each agency. Motorola will provide recommendations for forms that should remain in use after go-live occurs.
- Identify and document estimated Customer resources and estimated time requirements for Customer-related tasks so the Customer is better prepared to assign the type of resources when necessary to do so and for what duration. This information will be based on Motorola's previous experience in installing similar systems. The goal is to help ensure the Customer is well aware in advance of tasks

Project Planning and Pre-Installation

and resource requirements so as to avoid potential project delays during the implementation process.

Prerequisites

- Signed Agreement

Completion Criteria

This task will be considered complete following the Pre-Implementation Meeting and completion of the Workflow and Forms Review Sessions.

Motorola	Customer
<p>Responsibilities</p> <ul style="list-style-type: none"> • Conduct pre-implementation meeting • Conduct product demonstrations • Conduct workflow and forms review 	<p>Responsibilities</p> <ul style="list-style-type: none"> • Assist with workflow and forms analysis • Assist with project team planning sessions
<p>Required Staff</p> <ul style="list-style-type: none"> • Project manager • Trainer • Systems Engineer 	<p>Required Staff</p> <ul style="list-style-type: none"> • Project manager • Project team members (staff from agencies or departments)

Order Hardware

Task Description

The purpose of this task is to order the hardware required for the Flex system. Customer or Motorola (as specified in the Agreement) will be responsible for procuring the server needed to meet Motorola's hardware specifications, as well as dedicating/procuring servers for the solution's GIS component, HipLink paging module and Compstat Dashboard module. Together, Motorola and Customer will review the purchase order to verify the purchased hardware meets system specifications. Hardware will then be shipped to Customer's location.

If Customer desires a disaster recovery solution, Customer (or a mutually agreed upon third party, as specified in the Agreement) will be responsible for procuring a second server and facilitating the setup of that solution. All costs associated with the setup and testing of the disaster recovery solution will be borne by Customer.

Deliverables

- Hardware recommendations

Prerequisites

- Pre-implementation conference call

Completion Criteria

This task will be complete once the hardware has been ordered.

Motorola	Customer
Responsibilities <ul style="list-style-type: none"> • Verify hardware order • Order hardware (per Contract) • Provide minimum and recommended hardware requirements for all workstations 	Responsibilities <ul style="list-style-type: none"> • Order hardware (per Contract) • Ensure hardware (workstation) upgrades, as needed
Required Staff <ul style="list-style-type: none"> • Project manager • Installation manager • Systems engineer 	Required Staff <ul style="list-style-type: none"> • Project manager • IT personnel (as needed) • System administrator

Order Third Party Products

Task Description

Motorola will order third party products as specified in the Agreement. Customer will be responsible for any third party requirements not listed in the Agreement.

Deliverables

- Not applicable

Prerequisites

- Signed agreement

Completion Criteria

This task will be complete once Motorola and Customer have placed all orders for third party products.

Motorola	Customer
Responsibilities <ul style="list-style-type: none"> • Order third party products as specified in the Agreement 	Responsibilities <ul style="list-style-type: none"> • Order third party products for which Customer is responsible
Required Staff <ul style="list-style-type: none"> • Project manager • Systems engineer 	Required Staff <ul style="list-style-type: none"> • Project manager • System administrator • IT personnel (as needed)

Finalize Project Schedule

Task Description

Prior to signing the Agreement, Motorola and Customer may have developed a preliminary project schedule. During this task, the project managers from both Motorola and Customer, as well as Customer personnel who make decisions regarding resource allocations or scheduling, will meet and review the project schedule. These individuals will make any necessary adjustments based on known changes in resource availability. Motorola's project manager will then update the schedule.

The project schedule will be further updated as necessary over the course of the project. All changes to the schedule will be mutually agreed upon and, if required, documented via the mutually agreed upon change order process. Any schedule changes that occur will be a part of the project status reports provided by Motorola's project manager.

Deliverables

- Final project schedule

Prerequisites

- Not applicable

Completion Criteria

This task will be complete when the parties agree upon the final project schedule; approval shall not be unreasonably withheld or delayed.

Motorola	Customer
<p>Responsibilities</p> <ul style="list-style-type: none"> • Lead Customer through a review of the project schedule • Update the project schedule 	<p>Responsibilities</p> <ul style="list-style-type: none"> • Ensure personnel who can make resource allocation and scheduling decisions attend Project Schedule review
<p>Required Staff</p> <ul style="list-style-type: none"> • Project manager • Training coordinator 	<p>Required Staff</p> <ul style="list-style-type: none"> • Project manager • System administrator • Department supervisors (as needed, for approving the schedule)

Develop Data Entry Standards

Task Description

Customer is responsible for developing data entry standards and policies to ensure users enter data correctly and in conformity with quality assurance expectations. At the kickoff meeting, Motorola will provide and explain sample data entry standards as a starting point for Customer. Customer will need to revise the sample standards to meet its specific needs. Once standards have been established, Customer will be expected to formalize the policy as standard operating procedure for data entry tasks. Motorola will incorporate the data entry standards into end user training. Therefore, Customer must complete this task prior to end user training. Motorola is not responsible for project delays due to Customer not completing this task in a timely manner.

Deliverables

- Motorola-supplied sample data entry standard
- Final, Customer-defined data entry standards

Completion Criteria

This task will be complete after Customer develops formal data entry standards that Motorola can incorporate into end user training.

Motorola	Customer
<p>Responsibilities</p> <ul style="list-style-type: none"> • Provide sample data entry standards • Explain data entry standards 	<p>Responsibilities</p> <ul style="list-style-type: none"> • Revise sample standards form to meet Customer’s needs • Create formal policies and standard operating procedures to guide data entry tasks
<p>Required Staff</p> <ul style="list-style-type: none"> • Project manager • Lead trainer 	<p>Required Staff</p> <ul style="list-style-type: none"> • Project team

Conduct First Web Based Map Training

Task Description

Customer must prepare its GIS data for the Flex geofile and then build the Flex geofile database. Prior to training, Customer will collect current map data for assessment. Motorola will send Customer a document to guide Customer in the collection of this data. A Motorola GIS trainer will assess the current map data and provide feedback on ways to improve the quality of the data for use in the Flex geofile.

During this time, Motorola's GIS trainer will also instruct Customer's personnel responsible for building the geofile on how to build and update the maps for use in the Flex applications. After training, Customer is responsible for building the geofile. Motorola will remotely provide additional assistance, as needed.

Deliverables

- Map data collection guide
- GIS modification recommendations
- Remote assistance as needed

Prerequisites

- Existing customer map files

Completion Criteria

This task will be complete after Motorola concludes the onsite map build training.

Motorola	Customer
Responsibilities <ul style="list-style-type: none"> • Provide map data collection guide • Assess current map data • Provide feedback on ways to improve quality of map data • Provide map build training • Provide remote assistance during Customer's map build activities 	Responsibilities <ul style="list-style-type: none"> • Collect current available map data • Attend map training • Build geofile per Motorola's specifications
Required Staff <ul style="list-style-type: none"> • Trainer (GIS) 	Required Staff <ul style="list-style-type: none"> • System Administrator • GIS Department

Install and Configure Hardware and Operating System

Task Description

After Customer receives the server hardware, Motorola's systems engineer will install the server at Customer site, and install and configure the operating system. The systems engineer will also help Customer configure the GIS server to accommodate Esri® Network Analyst, which is necessary if Customer wants routing and closest unit dispatching capabilities.

Deliverables

- Servers installed and configured

Prerequisites

- Addresses for servers and VPN identified
- Server location, equipment, and supply of power provided

Completion Criteria

This task will be complete when Motorola has installed and configured the Linux or Windows server and operating system, conducted initial tests of the equipment, corrected any material problems or deficiencies, and established connectivity to Motorola Flex headquarters.

Motorola	Customer
<p>Responsibilities</p> <ul style="list-style-type: none"> • Install Linux or Windows server and operating system at Customer site • Configure database storage space allocation • Guide Customer through network configuration • Conduct initial tests of the equipment and correct any problems or deficiencies • Establish connectivity to Motorola Flex headquarters 	<p>Responsibilities</p> <ul style="list-style-type: none"> • Facilitate installation of Linux or Windows server • Set up disaster recovery solution • Configure network • Assist with establishing connectivity to Motorola Flex headquarters
<p>Required Staff</p> <ul style="list-style-type: none"> • Project manager • Systems engineer 	<p>Required Staff</p> <ul style="list-style-type: none"> • System administrator • IT department

Install Core Flex Application

Task Description

After installing the servers and configuring the operating system and database storage, Motorola's systems engineer will install the core Flex application and the Motorola side of interfaces. The systems engineer will configure the database environments and create the initial administrative user accounts.

Motorola will provide Customer with Mobile and Flex client applications. Customer is responsible for installing the client application on the mobile and desktop computers.

Deliverables

- Installation of Flex applications, as specified in the Agreement
- Installation of Flex components of external interfaces
- Installation of Flex Mobile client application

Prerequisites

- Hardware installed

Completion Criteria

This task will be complete when Motorola has installed the core Flex applications, created the training user accounts and administrative accounts, initiated the installation of external interfaces, and performed the tests required for end user training and Go-live.

Motorola	Customer
Responsibilities <ul style="list-style-type: none"> • Install core Flex applications • Configure databases (live and training) • Create administrative user accounts • Create training user accounts • Initiate installation of external interfaces 	Responsibilities <ul style="list-style-type: none"> • Install Flex client application on PCs • Install Flex Mobile client application on mobile computers
Required Staff <ul style="list-style-type: none"> • Systems engineer 	Required Staff <ul style="list-style-type: none"> • IT personnel • System administrator

Configure StateLink/NCIC, E9-1-1 and Other External Interfaces

Task Description

Motorola installs the NCIC and E9-1-1 interfaces with configuration parameters set to default values. While most external interfaces require only configuration prior to execution, these interfaces require additional technical and administrative steps for operability.

Motorola will install the State Link and Mobile StateLink NCIC interface. Customer, however, is responsible for obtaining a state connection and obtaining state user and terminal ORIs. Should Customer require assistance, Motorola can help with the process. Together, Motorola and Customer will enter the ORI and terminal information and test the connection.

Motorola will install the E9-1-1 interface. To configure this interface, Motorola will require a sample ANI/ALI data stream from Customer, as well as dispatch terminal IP addresses and a port for connectivity to the ANI/ALI box. After receiving this information and the required connectivity, Motorola will configure the E9-1-1 interface and, together with Customer, will test the connection to verify the correct data stream and format transfers to the CAD screens.

Motorola will also install and test all other external interfaces specified in the Agreement. The development process for other interfaces will include programming, testing, and demonstrating to Customer the successful completion of all included interfaces and software modifications, as set forth in the Agreement.

Deliverables

- Installation, configuration, and testing of StateLink and Mobile State Link StateLink/NCIC and E9-1-1 interfaces

Prerequisites

- Methods of connectivity defined
- Contact information for all third party vendors

Completion Criteria

This task will be complete when Motorola and Customer have tested the StateLink and Mobile StateLink/NCIC, E9-1-1 interface, and other external interfaces included in the Agreement and they are installed and working correctly in all material respects.

Configure StateLink/NCIC, E9-1-1 and Other External Interfaces

Motorola	Customer
<p>Responsibilities</p> <ul style="list-style-type: none"> • StateLink Interface <ul style="list-style-type: none"> – Install StateLink/NCIC interface – Work with Customer to enter ORI and terminal information – Test StateLink/NCIC interface • E9-1-1 Interface <ul style="list-style-type: none"> – Install interface – Configure ANI/ALI connection to Flex – Verify data stream/format to CAD screens • Other External Interfaces <ul style="list-style-type: none"> – Serve as prime contractor to develop interfaces – Test and successfully demonstrate completion to Customer – Update interface and system Documentation, as necessary 	<p>Responsibilities</p> <ul style="list-style-type: none"> • StateLink Interface <ul style="list-style-type: none"> – Obtain state connection – Obtain state user and terminal ORIs – Work with Motorola to enter ORI and terminal information – Test StateLink and Mobile StateLink State/NCIC interface • E9-1-1 Interface <ul style="list-style-type: none"> – Provide ANI/ALI port for connection – Provide dispatch computer IP addresses – Verify data stream/format to CAD screens
<p>Required Staff</p> <ul style="list-style-type: none"> • Project manager • Systems engineer • Development (programmers) 	<p>Required Staff</p> <ul style="list-style-type: none"> • IT department • Any applicable third party vendors • System administrator

Conduct Project Team Training

Task Description

Motorola will conduct a three-day training course for Customer's project team. Part of this training includes an overview of the purchased application. During the overview, Motorola will demonstrate the functionality of the various modules.

Deliverables

- Project team training

Prerequisites

- Server installation complete
- Training room set up with server connectivity

Completion Criteria

This task will be complete when the parties have concluded project team training.

Motorola	Customer
Responsibilities <ul style="list-style-type: none"> • Project team training (system overview) • Demonstrate Flex application 	Responsibilities <ul style="list-style-type: none"> • Provide appropriately equipped training location • Ensure appropriate personnel attend project team training
Required Staff <ul style="list-style-type: none"> • Project manger • Trainer 	Required Staff <ul style="list-style-type: none"> • Project team • Trainer

Conduct System Administration Training

Task Description

Motorola will conduct the following system administration training courses:

- Specialist system application administration (3 days)
- Module-specific administration training, as appropriate

System administration training includes training to set up, enter, and administer the operational and administrative code tables. Following training, Customer will be responsible for entering code tables. Customer must enter data before user training begins. Motorola will provide training on user/group setup, including granting system privileges.

Additionally, Customer should have a good draft of its data entry standards. During this training, Motorola will work with Customer to review and finalize the data entry standards. Following training, Customer will be responsible for formalizing data entry standards. This task must be complete before user training begins.

Deliverables

- System administration training per the training plan

Prerequisites

- Flex application installation
- Project team training
- Customer completion of data entry standards

Completion Criteria

This task will be complete when Motorola has provided the system administration training per the training plan.

Motorola	Customer
<p>Responsibilities</p> <ul style="list-style-type: none"> • System administrator training • Module administration training • Code table setup training 	<p>Responsibilities</p> <ul style="list-style-type: none"> • Provide properly equipped location • Ensure personnel attend training • Finalize data entry standards • Enter code tables
<p>Required Staff</p> <ul style="list-style-type: none"> • Trainer 	<p>Required Staff</p> <ul style="list-style-type: none"> • Project manager (as needed) • Project team • System administrator • IT personnel • Department managers (as needed for code tables decisions)

Conduct Follow Up Map Training and Final Map Setup Training

Task Description

Motorola GIS trainers will conduct multiple (as needed) training sessions to review the geofile map build and direct the necessary GIS modifications. These trainers will identify areas where the maps could be improved and assist Customer with any issues or problems it is experiencing.

Prior to Go-live, Motorola will conduct a final review session to assess the condition of Customer map data and ensure it is ready for go live.

Deliverables

- GIS professional services (consulting)
- Final map review

Prerequisites

- Flex application installation
- System administration training
- Significant progress on Customer map build

Completion Criteria

This task will be complete when the final map is prepared and ready for go live.

Motorola	Customer
Responsibilities <ul style="list-style-type: none"> • Provide map build assistance to Customer • Assist with final map review and go live preparation 	Responsibilities <ul style="list-style-type: none"> • Map build and GIS modifications • Perform final map review
Required Staff <ul style="list-style-type: none"> • Trainer (GIS) 	Required Staff <ul style="list-style-type: none"> • GIS department • System administrator

Conduct End User Training

Task Description

Motorola will conduct end user training per the mutually agreed upon training plan.

Deliverables

- End user training

Prerequisites

- Functional testing completed
- Interfaces installed and configured

Completion Criteria

This task will be complete when Motorola has provided all end user training per the training plan.

Motorola	Customer
Responsibilities <ul style="list-style-type: none"> • Provide end user training per the training plan 	Responsibilities <ul style="list-style-type: none"> • Provide training facilities and equipment • Ensure appropriate personnel attend each training class
Required Staff <ul style="list-style-type: none"> • Trainers 	<ul style="list-style-type: none"> • Required Staff • All employees (end users)

Cutover to Live Operation

Task Description

Motorola trainers will be onsite to assist Customer with cutover to live operation (Go-live).

On the day of cutover to live operation, Motorola will facilitate a Go-live kickoff ensuring all tasks are completed and Customer personnel are prepared for pre and post-cutover roles.

After cutover, Motorola’s trainers will assist Customer personnel with initial live database entry, providing guidance and training as needed. The trainers will troubleshoot live database problems that may arise and make minor configuration modifications as Customer makes initial database entries and enacts entire work processes in the live environment.

Motorola’s project manager and trainers will hold meetings with Customer project team, as needed, to discuss concerns and issues that arise.

Customer’s system administrators, project team, and other “supervisory users” shall be present to provide guidance to Customer personnel needing additional assistance. Customer personnel are free to ask questions. The system administrators, project team, and other supervisory users should report issues and concerns they encounter to Motorola’s trainers and project manager, who will incorporate the issues and concerns into daily meetings and one-on-one training.

Deliverables

- Trainers onsite for Go-live

Prerequisites

- Completion of all previous tasks

Completion Criteria

This task will be complete once live operation of the entire System has commenced and the other tasks described above been completed.

Motorola	Customer
Responsibilities <ul style="list-style-type: none"> • Facilitate Go-live kickoff meeting (first day of Go-live) • Assist with initial live database entry • Observe operations and troubleshoot live database problems • Make minor modifications as needed • Work one-on-one with individuals 	Responsibilities <ul style="list-style-type: none"> • Ensure appropriate personnel attend Go-live kickoff meeting • Provide guidance to individuals who need extra assistance • Relay issues and concerns to Flex
Required Staff <ul style="list-style-type: none"> • Project manager • Systems engineer • Trainers 	Required Staff <ul style="list-style-type: none"> • Project manager • All employees (end users)

Perform Site Audit and Analysis

Task Description

Approximately a few weeks following cutover to live operation, a Motorola trainer will be onsite to observe how Customer personnel are using the System. The trainer will be available to answer any follow up questions and provide additional training to enhance user capabilities, showing the users alternative ways to use the System.

Deliverables

- Onsite analysis and training for up to three days

Prerequisites

- Go-live operations

Completion Criteria

This task will be complete after the Motorola trainer has conducted the site audit and analysis.

Motorola	Customer
Responsibilities <ul style="list-style-type: none"> • Answer follow up questions • Show users alternative ways to use the system 	Responsibilities <ul style="list-style-type: none"> • Communicate questions or concerns
Required Staff <ul style="list-style-type: none"> • Trainer 	Required Staff <ul style="list-style-type: none"> • Applicable staff

Major Milestones

- Agreement signing
- Hardware delivery/Core installation
- Project team training/Administration training complete
- Interfaces
- End user training complete
- Go-live complete

C-3 “Project Schedule” (to be mutually developed)

C-4 “Training Plan” (to be mutually developed)

C-5 “Technical Product Descriptions”

Technical product documents for the following interfaces are provided in the following pages:

- E9-1-1 Interface
- Brazos XML Interface
- Texas StateLink 2.0 Interface
- Active Directory Integration
- InSight Interface
- Motorola ASTRO Radio Location Integration
- Motorola Location Integration (IMW)
- Motorola Radio Status Integration with CAD
- LiveScan Fingerprinting Interface
- Odyssey Arrest Interface
- Odyssey Warrant Interface
- Warrant & Inmate Search Web-app

E9-1-1 Interface Product Description

Summary

Receive automatic number and location information (ANI/ALI) from a standard E911 system and transmit the information to your Flex CAD system. Used in conjunction with the CAD and CAD Mapping modules, the interface enables you to view real-time locations of both wireless and landline calls on a digital map. Automatic field entry inserts agency-specified information from incoming calls to minimize manual data entry. The E911 Interface ensures your agency meets federal Phase I and Phase II compliance standards.

Feature List

- Automatic Field Entry
- Visual Call Locations
- Mapping ALI Data
- Cellular Location Data

Requirements

General

- The Flex software must be loaded on a Motorola Solutions-approved hardware platform as outlined in current Motorola Solutions policies.
- Flex technicians must have access to the server where the Flex software is loaded.
- Installation is completed partially on site and partially over remote connection.
- The agency must provide E9-1-1 protocol documentation and ALI text format information.
- The agency must provide a static IP address and computer name for each Flex 9-1-1 dispatch station.
- The agency must provide the ANI/ALI station number for each Flex 9-1-1 dispatch station.

Hardware

Hardware	Model	Vendor/Company	Support	Notes
ANI/ALI				<ul style="list-style-type: none"> • ANI/ALI equipment that is installed and functional • A Digi serial port server (Motorola Solutions will purchase the initial serial port server) • A power source for the serial port server that is within 15 feet of the ANI/ALI CAD port • The agency must provide a static IP address for the serial port server
TCP/IP				A TCP/IP network connection to the Flex server that is within 15 feet of the ANI/ALI CAD port.

Software

Software	Version	Vendor/Company	Notes
Flex	Version 4.6 or higher	Motorola Solutions, Inc.	User documentation is included in the Flex CAD User's Guide. Administrator documentation is located in the Flex SAA Application Setup and Maintenance Manual.
CAD module		Motorola Solutions, Inc.	User documentation is included in the Flex CAD User's Guide. Administrator documentation is located in the Flex SAA Application Setup and Maintenance Manual.

Brazos XML Interface Product Description

Summary

The Brazos XML Interface transfers information from the Brazos Crash and Citation forms to the Flex Accidents and Citations software. Each time a user creates a Crash or a Citation record in the Brazos software, the interface creates the following in the Flex software:

- A new Traffic Citation and/or an Accident record
- A new Name record if an existing Name record could not be matched. If a new Name record is created it will be linked to the Accident or Citation record. If an existing Name record is matched, a link will be created between the new Traffic Citation or Accident record and the existing Name record
- A new Vehicle record if an existing Vehicle record could not be matched. If a new Vehicle record is created it will be linked to the Accident or Citation record. If an existing Vehicle record is matched, a link will be created between the new Traffic Citation or Accident record and the existing Vehicle record

Requirements

General

- The agencies must be using Brazos software that has a Flex XML Export File
- Flex cannot import a standard Brazos export file

Hardware

Hardware	Model	Vendor/Company	Support	Notes
No specific hardware requirements				There are no special or additional hardware requirements to use the Brazos XML Interface.

Software

State	Flex Version	Export Available	Interface Required
Arizona	4.6	Citation	XML Citations
Nevada	6.x	Citation & Crash	XML Citations & Accidents
Texas	6.x	Citation & Crash	XML Citations & Accidents
Florida	6.x	Citation & Crash	XML Citations & Accidents
North Carolina	6.x	Citation & Crash	XML Citations & Accidents
Software	Version	Vendor/Company	Notes
XML Interface		Brazos	The customer must purchase the Brazos XML Interface.

Flex	Version 4.6 or higher	Motorola Solutions, Inc.	Arizona (XML Citations - Interface Required)
Flex		Motorola Solutions, Inc.	Nevada (XML Citations & Accidents - Interface Required)
Flex		Motorola Solutions, Inc.	Texas (XML Citations & Accidents - Interface Required)
Flex		Motorola Solutions, Inc.	Florida (XML Citations & Accidents - Interface Required)
Flex	6.3 or higher	Motorola Solutions, Inc.	North Carolina (XML Citations & Accidents - Interface Required)

Texas StateLink 2.0 Interface Product Description

Summary

This document covers the StateLink protocol interfaces and available transactions for the state of Texas.

Feature List

The transactions listed below encompass every type of transaction currently available through StateLink in Texas. New transactions are custom work and will take time to be added. The required paper work needs to be filed with the state as early as possible to expedite installation.

Mobile State & National Queries

These are the transaction requests available from the Mobile Search screens.

Mobile Search Screen	Search Option Name	Message Key(s) Sent
Name Search	Driver License & Wanted Person (Option for Image)	RSDW
	Criminal History Record	QH
Vehicle Search	Registration, Stolen, Driver, Wanted	RSDW, RSDWW
Property Search	Stolen Property	QA
Gun Search	Stolen Gun	QG
Boat Search	Boat Registration	BQ
	Stolen Boat	QB
Offender Tracking Search	Sex Offender Registry	QXS

Texas transactions available from the Flex software

Available Transactions			
Transaction Type	Screen Name & Description	Flex Command Line Access	Message Keys Sent
Admin	Administrative Message by ORI	AM	AM
	Query ORI	QO	QO, ZO
	Query ORION	TQ	TQ
	Hit Confirmation Request	YQ	YQ
	Hit Confirmation Response	YR	YR
Article	Clear Article	CA	CA, CLA, CAA, CLAA

	Enter Article	EA	EA, EA-P, ELA, EAA, ELAA
	Locate Article	LA	LA, LAA, LLA, LLAA
	Modify Article	MA	MA, MLA, MAA, MLAA
	Query Article	QA	QA, ZA
	Cancel Article	XA	XA, XLA, XAA, XLAA
Boat	Query Boat Registration	BQ	BQ
	Clear Boat	CB	CB
	Enter Boat	EB	EB, EB-P, EB-A, EB-F
	Enter Recovered Boat	ERB	ERB
	Locate Boat	LB	LB
	Modify Boat	MB	MB
	Modify Recovered Boat	MRB	MRB
	Query Stolen Boat	QB	QB, QB-T, ZB, ZB-T
	Cancel Boat	XB	XB
	Cancel Recovered Boat	XRB	XRB
Criminal History	Query CHRI by State ID	FQ	FQ
	Query III Record Existence	QH	QH
	Query III Rap Sheet	QR	QR
Driver License	Query TX Driver License	DL	RDL, CPL, DWI
	Query Driver by Name	DNQ	DNQ
	Query Driver License	DQ	DQ, DQG
	Query Driver History	KQ	KQ
	Query Reg/Stolen/Driver/Wanted	RSDW	RSDW
	Query Reg/Stolen/DL/Wanted	RSDWW	RSDWW
Foster Home	Query Foster Home Address	QFA	QFA
Gun	Clear Gun	CG	CG, CRG, CFG, CLG
	Enter Gun	EG	EG, EG-P, EFG, EFGP, ELG, ERG
	Locate Gun	LG	LG, LLG, LFG

	Modify Gun	MG	MG, MLG, MRG, MFG
	Query Gun	QG	QG, ZG
	Query TX Concealed Gun	QGL	QGL
	Cancel Gun	XG	XG, XLG, XRG, XFG
License Plate	Clear License Plate	CL	CL
	Enter License Plate	EL	EL, EL-A, EL-F, EL-P
	Locate License Plate	LL	LL
	Modify License Plate	ML	ML
	Cancel License Plate	XL	XL
Missing Person	Clear Missing Person	CM	CM
	Enter Missing Person	EM	EMD, EMDC, EME, EMEC, EMI, EMIC, EMJ, EMJC, EMV, EMVC, EMO, EMOC
	Enter Person of Interest	EMP	EMP
	Locate Missing Person	LM	LM
	Modify Missing Person	MM	MM
	Modify Person of Interest	MMP	MMP
	Query Missing Person	QM	QM
	Cancel Missing Person	XM	XM
	Cancel Person of Interest	XMP	XMP
Protection Order	Clear Protection Order	CPO	CPO, CTO
	Supplemental Protection Order	ENPO	ENPO, XNPO
	Enter Protection Order Addr	ENPT	ENPT, XNPT
	Enter Protection Order	EPO	EPO, EPOC, ETO, ETOC, EPT, EPTC
	Modify Protection Order	MPO	MPO
	Query Protection Order	QPO	QPO
	Cancel Protection Order	XPO	XPO, XTO
Securities	Clear Security	CS	CS, CSS
	Enter Security	ES	ES, ESS
	Locate Security	LS	LS, LSS

	Modify Security	MS	MS, MSS
	Query Security	QS	QS, ZS
	Cancel Security	XS	XS, XSS
Sex Offender	Query Sex Offender	QXS	QXS
Threat Against Officer	Enter Threat Against Officer	EOT	EOT, EOTC
	Modify Threat Against Officer	MOT	MOT
	Query Threat Against Officer	QOT	QOT
	Cancel Threat Against Officer	XOT	XOT
Vehicle	Clear Vehicle	CV	CV, CF
	Enter Recovered Vehicle	ERV	ERV
	Enter Vehicle	EV	EF, EF-A, EF-F, EF-P, EV, EV-A, EV-F, EV-P
	Query LoJack	LQ	LQ
	Locate Vehicle	LV	LV, LF
	Modify Recovered Vehicle	MRV	MRV
	Modify Vehicle	MV	MV, MF
	Query Stolen Vehicle	QV	QV, ZV
	Query TX Vehicle Registration	REG	REG, REGX, RX, R, VIN, VINX, VX, V, STK, STKX, SX, S
	Query Registration by Name	RNQ	RNQ
	Query Vehicle Registration	RQ	RQ, RQG
	Query Canadian Vehicle	VQ	VQ
	Cancel Recovered Vehicle	XRV	XRV
	Cancel Vehicle	XV	XV, XF
Vehicle/Boat Parts	Clear Vehicle/Boat Part	CP	CP
	Enter Vehicle/Boat Part	EP	EP, EP-P
	Locate Vehicle/Boat Part	LP	LP
	Modify Vehicle/Boat Part	MP	MP
	Cancel Vehicle/Boat Part	XP	XP

Violent Person	Supplemental Violent Person	ENVP	ENVP, XNVP
	Enter Violent Person	EVP	EVP, EVPC
	Modify Violent Person	MVP	MVP
	Cancel Violent Person	XVP	XVP
Wanted	Clear Wanted	CW	CW, CT
	Supplemental Wanted	EN	EN, XN
	Suppl Stolen/Fraudulent Wanted	ENS	ENS, XNS
	Enter Wanted	EW	EW, EW-C, EWJ, EWJC, ET, ET-C, EE, EE-C
	Locate Wanted	LW	LW, LT
	Modify Wanted	MW	MW, MT
	Query Wanted	QW	QW, QW-X, QWA, QWE, QWF, QWI, QWS, ZW, ZW-X
	Cancel Wanted	XW	XW, XT

Requirements

Hardware

Hardware	Model	Vendor/Company	Support	Notes
Requirements				<ul style="list-style-type: none"> Typical hardware requirements are needed for StateLink and can be found in the Flex Hardware Recommendations document.

Software

Software	Version	Vendor/Company	Notes
Flex	Version 6.3 or higher	Motorola Solutions, Inc.	
StateLink	Version 2.0 or higher	Motorola Solutions, Inc.	<ul style="list-style-type: none"> Executable: StateLinkTX.war
O/S			<ul style="list-style-type: none"> AIX Linux Windows

Other Requirements			<ul style="list-style-type: none">• Communications Protocol: DMPP-2020• Message Type: OFML• NCIC 2000 Standard: Yes• Displays Images in Returns: Yes• Voiced Responses: Yes• Highlighting: Yes• Import to Flex: Yes• Requesting Unit Auto Forward: Yes• Alerts: Yes
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Active Directory Integration

Product Description

Summary

The Flex Active Directory Integration Tool is a feature of the Flex product designed to simplify the user login process and streamline the management of user accounts. Once configured, the feature is transparent to end users, allowing them to log into the Flex product using their standard Windows username and password. Administration of the tool is managed within a Flex web application.

Active Directory integration is available for Windows and Linux customers with one Active Directory Domain. There is currently no solution for AIX customers.

Benefits

- Simplified Administration - User authentication and group membership are managed in a single place, Microsoft Active Directory
- Fewer usernames and passwords to remember - Users need only know their Windows username and password
- Leverage existing resources - Agencies can take advantage of existing personnel knowledge and skills to manage user accounts

Features

- User authentication against Microsoft Active Directory
- Auto creation of APNAMES records from Microsoft Active Directory
- User synchronization with Microsoft Active Directory
- Group synchronization with Microsoft Active Directory
- Group membership associated with Microsoft Active Directory Security Groups
- Support for Nested Group Memberships
- Support for Windows and Linux
- Multi Domain Support
- Ad lite

Requirements

General

Agencies wishing to use this feature must have a Microsoft Active Directory system or an LDAP compatible directory system.

For Linux users, migration from Flex authentication to Active Directory authentication is not a trivial process. In most cases, new sypriv ID's will be required for all user and group accounts. It is possible to use existing sypriv ID's in Active Directory, however, this requires personnel with a high level of expertise in Microsoft Active Directory.

InSight Interface Product Description

Summary

Using a multi-system, multi-jurisdictional data sharing broker, you can run real-time queries on the databases of other participating agencies for names, associated images, vehicles, property information, and other records, regardless of whether they are using Flex or a non-Flex information database. InSight enables simultaneous, multi-agency returns from one search and incorporates the Global Justice XML Data Model (GJXDM) as well as advanced data encryption and user-defined privileges. You can conduct searches from your PC or via a Web-based browser on your laptop or mobile device.

Feature List

- Multi-jurisdictional Data Sharing
- Powerful Searching
- Web-based Framework

Requirements

General

- The Flex software must be loaded on a Motorola Solutions-approved hardware platform, as outlined in current Motorola Solutions policies.
- Flex technicians must have direct modem access to the server where the Flex software is loaded. From this server Flex can telnet, rlogin, ssh, or ftp into the InSight Linux server to perform maintenance.
- InSight Web and Broker servers exist for each state where InSight is in operation.
- The agency's hardware and software requirements depend on whether the agency will query other agencies' databases or only allow other agencies to query its database.

Hardware

Hardware	Model	Vendor/Company	Support	Notes
Server	LINUX			

Software

Software	Version	Vendor/Company	Notes
Flex	Version 4.5 or higher	Motorola Solutions, Inc.	
O/S	Linux		
Apache			
Tomcat 5.0			
MySQL			

Motorola ASTRO Radio Location Integration Product Description

Summary

Motorola ASTRO Radio Location Integration, previously known as Flex's Motorola UNS Interface (MUPS), enhances dispatch capabilities by allowing them to see the location of an officer's radio as well as the vehicle on Flex's Computer-Aided Dispatch (CAD) map. Dispatchers can help ensure officer safety with status alerts on integrated dispatch maps, and add new GPS devices to the Flex system without spending time on additional setup.

Motorola will need to assess the customer's radio system (compatibility and capacity) before the customer buys this interface and functionality may be limited to location on push to talk.

Feature List

- Real-Time Personnel Locator
- Immediate Status Change Alerts
- New Device Integration

Requirements

General

- The Mobile software must be loaded on a Motorola Solutions-approved hardware platform, as outlined in current Motorola Solutions policies.
- Flex technicians must have direct access to the server on which Mobile software is installed.

Hardware

Hardware	Model	Vendor/Company	Support	Notes
Requirements				<ul style="list-style-type: none"> • Motorola UNS compatible devices • To view a list of compatible Astro 25 Motorola devices, click the following link: http://www.motorolasolutions.com/en_us/products/two-way-radios/project-25-radios.html

Software

Software	Version	Vendor/Company	Notes
Flex	Version 6.1 or higher	Motorola Solutions, Inc.	
Mobile AVL module		Motorola Solutions, Inc.	Flex Mobile AVL module. AVL must be turned on in Mobile, and the AVL manager must be running.
UNS Server	Versions 3-4	Motorola	The server must be accessible with a Motorola Application ID.

Motorola Location Integration (IMW) Product Description

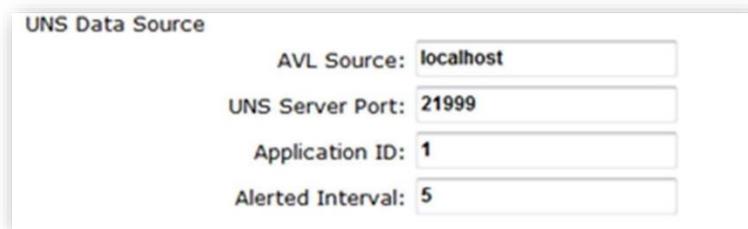
Summary

The AVL server webapp has built-in support for Motorola UNS server (formerly known as MUPS) and can talk to MUPS/UNS devices via this server. This feature is only available to customers who have purchased this module.

Settings

The Mob-MUPS/UNS symodule is required to use this feature.

The following section is added to the Mobile webapp Properties page:



UNS Data Source	
AVL Source:	localhost
UNS Server Port:	21999
Application ID:	1
Alerted Interval:	5

AVL Source and UNS Server Port are used to specify the host and port of the UNS server which will be provided by the customer. Application ID is also provided by the customer and is the ID configured by the UNS server to identify the Flex AVL server when it tries to connect. Alerted Interval is the speed in seconds at which the AVL server will update location information when it is in an alerted state.

Log Files

It shares the same logging information and location with the whole Mobile webapp (Mobile.log, Mobile.log.1, etc).

Development

Supported UNS Messages

- Location-Registration-Request: Sent by Flex to register with the MUPS application.
- Immediate-Location-Request: Sent by Flex to request the location of specified radios.
- Triggered-Location-Request for Change Cadence: Sent by Flex to set the frequency of automatic GPS reports for the specified radio.
- Triggered-Location-Request for Change Distance: Sent by Flex to set the distance which will trigger automatic GPS reports for the specified radio.
- Location-Protocol-Request: Sent by Flex to verify the version of the MUPS application running is a compatible version with the Flex interface.
- Triggered-Location-Report: Sent by MUPS to report a radio location based on the radio's automatic reporting policy.
- Immediate-Location-Report: Sent by MUPS to report a radio location in response to an "Immediate-Location-Request" from Flex.
- Unsolicited-Location-Report Event: Sent by MUPS to report a radio location when an event occurs within the device (such as siren turned on).
- Unsolicited-Location-Report Emergency: Sent by MUPS to report a radio location when the radio's emergency button is pressed.

- **Unsolicited-Location-Report Presence:** Sent by MUPS to report radio presence (“Present” or “Absent”) when the radio is turned on or off.
- **Location-Protocol-Report:** Sent by MUPS to report the interface version in response to a “Location-Protocol-Request” message from Flex.
- **Location-Registration-Answer:** Sent by MUPS to report the success or failure of a “Location-Registration-Request” from Flex.

Testing

UNSFakeServer

This test mimics Motorola MUPS/UNS server by acting like the Motorola server and communicating with it via the preconfigured MUPS/UNS server port. The top portion of the class definition has static constants that allow it to be configured differently. For example, it can be configured for the number of devices needed, reporting time, speed, movement radius, and starting latitude/longitude. Run the class as a Java Application to create devices on the map. The devices will move around the map until the process is stopped. It will generate a few alerts as is but the code can be tweaked to generate no alerts or more alerts.

Motorola Radio Status Integration with CAD

Product Description

Summary

Integrate Flex CAD with ASTRO 25 Advanced Messaging Solution so personnel can automatically receive dispatch information and remotely update their status from a data-enabled Motorola Solutions two-way radio. With access to this information, first responders are able to make on-the-spot decisions, freeing air time for critical voice communications.

Problem-Oriented Features

Marketecture	Market Problem	Feature
New Radio Status Window	Lack of situational awareness in the radio field, who is on the channel, who is talking, unit composition and its latest activity.	When Flex CAD integrates with Motorola Radio Services it is a paradigm shift adding a radio entity to the CAD system. First responders are able to remotely update their status from a data-enabled Motorola Solutions two-way radio and make on-the-spot decisions, freeing air time for critical voice communications automatically providing PSAP personnel with radio affiliation information: radio talking group, radio status, latest transmission, valid radio alias.
Alias Management	The agency doesn't have an ability to easily (or at all) rename a radio alias name which increases the time for situational awareness due to a lack of understanding who is keying now.	The user of the Flex CAD system is able to rename a radio alias name from the CAD Command line or from the radio devices table, it will automatically appear in the radio field.
Radio/Vehicle/Officer association	There is no logical concept of the radio device in the CAD system which increases the time to provide situational comprehension.	The Flex CAD system provides an ability to assign radio to an officer by CAD Command or from the radio devices table and assign a radio to a car in the fleet vehicle table. The Flex CAD system supports the assignment of a fleet vehicle to a unit by the CAD Command line and does it concurrently via login process the Mobile CAD.
Unit status monitor to show radio affiliation	There is no logical concept to associate radio devices with a car or police officer which increases the time to understand the unit composition.	The Flex CAD system provides an augmentation of the Unit Status window an ability to show an assigned radio to an officer and car thus displaying the unit's composition in the radio field.

Feature List

Feature	Description
URA CAD Command line command	CAD command to update radio alias
PR CAD Command line command	CAD command to provision radio to a person
UFV CAD Command line command	CAD command to assign fleet vehicle to a unit
Unit Status update	Ability to send one of 16 status from a radio to update unit status
Mobile CAD Login	Ability to log in the Mobile CAD with assignment of fleet vehicle to a unit
Update Radio Alias thru the radio table	Ability to update radio alias thru the radio devices table
Assign Police Officer thru the radio table	Ability to assign radio device to a police officer thru the radio devices table
Assign radio to a fleet vehicle	Ability to assign radio device to a fleet vehicle thru the fleet vehicle table
Unit status monitor to show radio affiliation	Unit Status window is extended with Radios, Talking Groups, Fleet Vehicles columns
New Radio Status Window	Radio traffic monitor window displays by Radio the following info: last update, radio alias, talking group status, police officer or fleet vehicle assigned, unit

Requirements

Hardware

Hardware	Model	Vendor/Company	Support	Notes
Motorola Radio Equipment		Motorola	P25 compatible	

Software

Software	Version	Vendor/Company	Notes
ASTRO	7.17 and higher		
PM/CAM (Radio Aliases Provisioning system)			
Flex CAD system	2019.3 and higher		

Virtual Machine license			<i>the physical hardware should be provided by the customer and should be positioned in a way that the Flex CAD reaches it and it can reach the ASTRO system</i>
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The recommend configuration of VMWare configuration is as follows:

Component	Required Allocation
vCPU	8
RAM	32 GB
Hard Disk	300 GB

Feature	Feature detail	Version (min. Requirement)	Interface	System Type (Trunking/Digital Conventional/ Analog Conventional)	Other Dependencies - specific features, system configurations etc.
Radio Status / PTT / Emergency	This feature allows the radio system events to be propogated to CAD. These include: - Radio Talkgroup Affiliations - Push-To-Talk (PTT) Indications - Radio Status - Emergency Alarm / Acknowledgement / Knockdown / Radio Cancel	A7.16 (CADI,ATIA) A7.17 (eCADI)	Radio Services	Trunking, DC, MDC and ACIM	PTT/Radio status can come via ATIA, CADI or eCADI.
Automated Alias Management	This feature will offer the ability to dynamically syncup Radio Aliases with the CAD, whenever updates are made - they will be synced to the CAD	A7.16(CAM) A7.17.4(ADS/PM)	Radio Services	Trunking, DC, MDC and ACIM	PM, CAM and ADS. ADS introduced in A7.17.

LiveScan Fingerprinting Interface

Technical Product Description

Summary

Transfer biological and arrest information from your Flex system to select Live Scan Fingerprint systems. This interface simplifies the submission of fingerprint information to state and federal agencies.

Feature List

- One-Touch Data Transfer
- Customizable Reporting Features
- Data Accuracy

Requirements

General

- The Flex software must be loaded on a Motorola Solutions approved hardware platform as outlined in current Motorola Solutions policies.
- Flex technicians must have direct modem access to the server where the Flex software is loaded.
- Installation will be done over the support modem.
- If your agency purchased installation services to set up multiple live-scan machines, each task listed in this document must be completed for each machine.
- The System Application Administrator (SAA) or designated assistant must be available to test the interface functionality and check the content of the data file.
- The agency is responsible for all network connectivity.
- If the live-scan vendor modifies any functionality or method of operation of their product and if these modifications require Motorola Solutions to recode any portion of the interface, additional fees for programming will apply.
- Once the live-scan interface has been installed and is operational, the agency is responsible for payment of any additional expenses required by the live-scan vendor.

Hardware

Hardware	Model	Vendor/Company	Support	Notes
Live-Scan Machine				<ul style="list-style-type: none"> • The live-scan machine must be operational and compatible with Flex specifications. • If the live-scan machine is connected to a local network only, a local static IP address is needed for the live-scan server's network card. • If the live-scan machine is connected to the state, a second network card <i>or</i> routers to the state machine and the Flex server are required.
TCP/IP				The live-scan machine must have a TCP/IP connection to the server where the Flex software is loaded.

Software

Software	Version	Vendor/Company	Notes
Flex	Version 4.5 or higher	Motorola Solutions, Inc.	
NFS			If NFS Mounting is being used for the communication protocol, NFS server software is required on the Flex server and NFS client software is required on the live-scan server.
Law Records Management module		Motorola Solutions, Inc.	The Flex Law Records Management module <i>or</i> the Jail Management module is required.

Odyssey Arrest Interface

Technical Product Description

Overview

Odyssey is a courts and justice software system used by the courts in Bowie County, Texas to prosecute, issue warrants, and issue other court orders. As part of the Odyssey Court Integration, arrest information will be sent from Flex to Odyssey's Attorney Manager. This will prevent Odyssey users from having to re-enter the information that the Sheriff's Office has already gathered in Flex.

Objectives

After a Bowie County user fills out the needed offender data in Flex, that user will be able to send the data electronically to the Attorney Manager using Flex workflow.

Stakeholders

Organization	Name	Title (or Role)	Email/Phone
Motorola Solutions	Roman Ziburko	Product Manager	Roman.Ziburko@motorolasolutions.com
TBD	TBD	TBD	TBD

Project Environment

This interface will be a web application that is served by Apache Tomcat on the Flex server. It will be packaged as a Web Application Archive (WAR).

Requirements

Requirement #	Description
1 Trigger by time interval	At a configurable time interval, the interface will submit all new arrests added since the last export time to Odyssey.
2 Translate data to Odyssey format	Once the interface has been triggered in Requirement #1, the person, arrest data along with available mugshot image gathered according to Exhibit A and translated to Odyssey format.
3 Create/ Update the arrestee record in Odyssey	<p>After the XML document is created in Requirement #2, the interface will send a MatchUpdateParty message type request to Odyssey to determine if arrestee record already exists in Odyssey system and get the PartyId.</p> <p>The following Party data elements are used for party matching:</p> <ul style="list-style-type: none"> • Name • Address (with the exception of the following elements: CurrentKnownAddress, CorrespondenceAddress, RemitToAddress, Undeliverable)

	<ul style="list-style-type: none"> • Driver's License Number and State • Social Security Number • Date of Birth • State ID Number and State • FBI Number • Other Agency Number and Agency Code • Legacy ID <p>Depending on if a record exists or not, it will be created or updated in the Odyssey system.</p>
4 Add mugshot to arrestee	After the arrestee record is determined in Requirement #3 and there is available mugshot for it, the interface will submit it through AddDocument message to Odyssey.
5 Send Arrest Data to Odyssey	<p>After the arrestee record is determined in Requirement #3, the interface will send the arrest data through the AddProsecutorCase message to Odyssey.</p> <p>If TRN/TRS tracking is enabled in Flex, the interface will send these values to Odyssey through AddChargeTrackingFields message.</p>
6 Change workflow status on success	Once the interface has determined that the export to Odyssey was successful (an acknowledgement from Odyssey or at the very least no error messages), the workflow status will be changed to a configurable status to indicate the export was successful (done).
7 Change workflow status on failure	Once the interface has determined that the export to Odyssey was not successful, the workflow status will be changed to a configurable status to indicate the export was not successful. The interface will also display the error received from Odyssey in the comment of the workflow of the arrest record.
8 Send In-Jail status	At a configurable time interval, the interface will submit a message about released inmates using the FindParty message to find a match in Odyssey and UpdatePartyInJailFlag message to add Jail flag on a party record.

Exhibit A

Name Data Elements	
Last name	nmmain.last
First name	nmmain.first
Middle name	nmmain.middle
Street address	nmmain.street
Birth Date	nmmain.birthd
Weight	nmmain.weight
City of residence	nmmain.city
State abbreviation	nmmain.state

ZIP Code	nmmain.zip
Driver's license number	nmmain.dlnum
Driver's license state	nmmain.dlstate
Home phone_ number	nmmain.phone
Work telephone number	nmmain.wrkphn
Soc sec number	nmmain.ssnum
State ID number	nmmain.stateid
FBI number	nmmain.fbinum
Height	nmmain.height
Sex	nmmain.sex
Race category	nmmain.race
Hair color	nmmain.hair
Eye color	nmmain.eyes
Glasses (corrective lenses)	nmmain.glasses
Physical build	nmmain.build
Skin complexion	nmmain.complx
Ethnic group	nmmain.ethnic
Additional Name Information	
School or Employer	nmextra.employr
School Attending	nmextra.school
Years of Education	nmextra.educat
City of Birth	nmextra.bcity
Emergency Contact	nmextra.contact
Contact Relationship	nmextra.crelshp
Contacts Address	nmextra.caddr
Contacts Phone	nmextra.cphone
Marital Status	nmextra.marital
Citizenship	nmextra.citiz
Jail Arrest	
Tracking (TRN)	jarrest.track
Time & Date	jarrest.date
Arrest Officer	jarrest.officer
Arresting Agency	jarrest.aragency
Jail Offense	
TN Suffix (TRS)	jloffens.tnsuffix
NCIC	jloffens.ncic

Entry Code	jloffens.entry
Time & Date	jloffens.date
Court Code	jloffens.court

Examples of Odyssey API Messages

```

MatchUpdateParty
<Message MessageType="AddProsecutorCase" NodeID="97" ReferenceNumber="R-19293" UserID="34235" Source="Tyler">
<CaseType>PROS</CaseType>
<ControlNumber>CR-123-2013</ControlNumber>
<Style>Smith, John</Style>
<Defendant>1234</Defendant>
<Status>
<Type>INT</Type>
<Date>05/01/2007</Date>
<Comment>Case added via e-filing.</Comment>
</Status>
<CaseOrigin>
<Origin>C</Origin>
<Date>10/10/2013</Date>
</CaseOrigin>
<SecurityGroup>HP</SecurityGroup>
<Charges>
<Charge>
<OffenseDate>04/28/2007</OffenseDate>
<OffenseDateTo>04/29/2007</OffenseDateTo>
<OffenseDateOnOrAbout>true</OffenseDateOnOrAbout>
<OffenseTime>10:00 AM</OffenseTime>
<OffenseTimeTo>10:00 AM</OffenseTimeTo>
<OffenseTimeAtOrAbout>true</OffenseTimeAtOrAbout>
<ChargeTrackNumber>1</ChargeTrackNumber>
<ChargeTrackSequence>1</ChargeTrackSequence>
<ProsecutorFiling>
<Number>1</Number>
<Jurisdiction>Dallas</Jurisdiction>
<FineAmount>1000.00</FineAmount>
<Bond>
<Type>CASH</Type>
<Amount>1500.00</Amount>
</Bond>
<Offense>
<Code CodeID="062031104" ReferenceID="311040620">60949.1.a</Code>
<Description>Speeding</Description>
<Degree>FELONY</Degree>

```

```
<Statute>60949.1.a</Statute>
<GOC>ATT</GOC>
<AdditionalStatutes>
<AdditionalStatute>
<Type>CO</Type>
<Offense>
<Code>54010004</Code>
<Description>Theft</Description>
<Degree>MSB</Degree>
<Statute>550.022(b) TRC</Statute>
</Offense>
</AdditionalStatute>
</AdditionalStatutes>
</Offense>
<Additional>
<DUIGroups>
<AlcoholLevelOne>0.5</AlcoholLevelOne>
<AlcoholLevelTwo>0.7</AlcoholLevelTwo>
<RefusedTest>true</RefusedTest>
<LicenseSurrendered>>false</LicenseSurrendered>
<LicenseNotSurrendered>ASD</LicenseNotSurrendered>
<EligibleForPermit>>false</EligibleForPermit>
<NotEligibleReason>QES</NotEligibleReason>
</DUIGroups>
<DrugType>MARJ</DrugType>
<ChargeQualifierWeapon>GUN</ChargeQualifierWeapon>
<ChargeQualiferAmount>
<Range>OVER4</Range>
<Amount>4</Amount>
<Unit>GRAM</Unit>
</ChargeQualiferAmount>
</Additional>
</ProsecutorFiling>
<OffenseReport>
<OffenseReportControlNumber>987</OffenseReportControlNumber>
<Agency>DPD</Agency>
<Officer>
<OfficerParty>
<OfficerID>55544</OfficerID>
</OfficerParty>
</Officer>
</OffenseReport>
<ArrestFiling>
<Date>04/29/2007</Date>
<Time>6:00 PM</Time>
<ArrestControlNumber>987123</ArrestControlNumber>
<Agency>DCPD</Agency>
<Officer>
```

```
<OfficerFreeText>
<BadgeNumber>555</BadgeNumber>
<Name>Robert Jones</Name>
</OfficerFreeText>
</Officer>
<Number>1</Number>
<Jurisdiction>Dallas</Jurisdiction>
<FineAmount>1000.00</FineAmount>
<Bond>
<Type>CASH</Type>
<Amount>1500.00</Amount>
</Bond>
<Offense>
<Code CodeID="062031104" ReferenceID="311040620">60949.1.a</Code>
<Description>Speeding</Description>
<Degree>FELONY</Degree>
<Statute>60949.1.a</Statute>
<GOC>ATT</GOC>
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<Type>CO</Type>
<Offense>
<Code>54010004</Code>
<Description>Theft</Description>
<Degree>MSB</Degree>
<Statute>550.022(b) TRC</Statute>
</Offense>
</AdditionalStatute>
</AdditionalStatutes>
</Offense>
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<DUIGroups>
<AlcoholLevelOne>0.5</AlcoholLevelOne>
<AlcoholLevelTwo>0.7</AlcoholLevelTwo>
<RefusedTest>true</RefusedTest>
<LicenseSurrendered>>false</LicenseSurrendered>
<LicenseNotSurrendered>ASD</LicenseNotSurrendered>
<EligibleForPermit>>false</EligibleForPermit>
<NotEligibleReason>QES</NotEligibleReason>
</DUIGroups>
<DrugType>MARJ</DrugType>
<ChargeQualifierWeapon>GUN</ChargeQualifierWeapon>
<ChargeQualifierAmount>
<Range>OVER4</Range>
<Amount>4</Amount>
<Unit>GRAM</Unit>
</ChargeQualifierAmount>
</Additional>
</ArrestFiling>
```

```
</Charge>
</Charges>
</Message>
```

AddDocument

```
<Message MessageType="AddDocument" NodeID="1" ReferenceNumber="R-19293"
UserID="34235" Source="Tyler">
<EmbeddedDocument>
<Document>Xeidleo4kdkc8kdisl</Document>
<Extension>doc</Extension>
</EmbeddedDocument>
<DocumentType>IMG</DocumentType>
<EffectiveDate>10/15/2007</EffectiveDate>
<DocumentName>EventDocumentation</DocumentName>
<Description>Case Filing Document</Description>
<ObsoleteDate>10/23/2007</ObsoleteDate>
<RedactionStatusOverride>Original</RedactionStatusOverride>
</Message>
```

AddProsecutorCase

```
<Message MessageType="AddProsecutorCase" NodeID="97" ReferenceNumber="R-
19293" UserID="34235" Source="Tyler">
<CaseType>PROS</CaseType>
<ControlNumber>CR-123-2013</ControlNumber>
<Style>Smith, John</Style>
<Defendant>1234</Defendant>
<Status>
<Type>INT</Type>
<Date>05/01/2007</Date>
<Comment>Case added via e-filing.</Comment>
</Status>
<CaseOrigin>
<Origin>C</Origin>
<Date>10/10/2013</Date>
</CaseOrigin>
<SecurityGroup>HP</SecurityGroup>
<Charges>
<Charge>
<OffenseDate>04/28/2007</OffenseDate>
<OffenseDateTo>04/29/2007</OffenseDateTo>
<OffenseDateOnOrAbout>true</OffenseDateOnOrAbout>
<OffenseTime>10:00 AM</OffenseTime>
<OffenseTimeTo>10:00 AM</OffenseTimeTo>
<OffenseTimeAtOrAbout>true</OffenseTimeAtOrAbout>
<ChargeTrackNumber>1</ChargeTrackNumber>
```

```
<ChargeTrackSequence>1</ChargeTrackSequence>
<ProsecutorFiling>
<Number>1</Number>
<Jurisdiction>Dallas</Jurisdiction>
<FineAmount>1000.00</FineAmount>
<Bond>
<Type>CASH</Type>
<Amount>1500.00</Amount>
</Bond>
<Offense>
<Code CodeID="062031104" ReferenceID="311040620">60949.1.a</Code>
<Description>Speeding</Description>
<Degree>FELONY</Degree>
<Statute>60949.1.a</Statute>
<GOC>ATT</GOC>
<AdditionalStatutes>
<AdditionalStatute>
<Type>CO</Type>
<Offense>
<Code>54010004</Code>
<Description>Theft</Description>
<Degree>MSB</Degree>
<Statute>550.022(b) TRC</Statute>
</Offense>
</AdditionalStatute>
</AdditionalStatutes>
</Offense>
<Additional>
<DUIGroups>
<AlcoholLevelOne>0.5</AlcoholLevelOne>
<AlcoholLevelTwo>0.7</AlcoholLevelTwo>
<RefusedTest>>true</RefusedTest>
<LicenseSurrendered>>false</LicenseSurrendered>
<LicenseNotSurrendered>ASD</LicenseNotSurrendered>
<EligibleForPermit>>false</EligibleForPermit>
<NotEligibleReason>QES</NotEligibleReason>
</DUIGroups>
<DrugType>MARJ</DrugType>
<ChargeQualifierWeapon>GUN</ChargeQualifierWeapon>
<ChargeQualiferAmount>
<Range>OVER4</Range>
<Amount>4</Amount>
<Unit>GRAM</Unit>
</ChargeQualiferAmount>
</Additional>
</ProsecutorFiling>
<OffenseReport>
<OffenseReportControlNumber>987</OffenseReportControlNumber>
```

```
<Agency>DPD</Agency>
<Officer>
<OfficerParty>
<OfficerID>55544</OfficerID>
</OfficerParty>
</Officer>
</OffenseReport>
<ArrestFiling>
<Date>04/29/2007</Date>
<Time>6:00 PM</Time>
<ArrestControlNumber>987123</ArrestControlNumber>
<Agency>DCPD</Agency>
<Officer>
<OfficerFreeText>
<BadgeNumber>555</BadgeNumber>
<Name>Robert Jones</Name>
</OfficerFreeText>
</Officer>
<Number>1</Number>
<Jurisdiction>Dallas</Jurisdiction>
<FineAmount>1000.00</FineAmount>
<Bond>
<Type>CASH</Type>
<Amount>1500.00</Amount>
</Bond>
<Offense>
<Code CodeID="062031104" ReferenceID="311040620">60949.1.a</Code>
<Description>Speeding</Description>
<Degree>FELONY</Degree>
<Statute>60949.1.a</Statute>
<GOC>ATT</GOC>
<AdditionalStatutes>
<AdditionalStatute>
<Type>CO</Type>
<Offense>
<Code>54010004</Code>
<Description>Theft</Description>
<Degree>MSB</Degree>
<Statute>550.022(b) TRC</Statute>
</Offense>
</AdditionalStatute>
</AdditionalStatutes>
</Offense>
<Additional>
<DUIGroups>
<AlcoholLevelOne>0.5</AlcoholLevelOne>
<AlcoholLevelTwo>0.7</AlcoholLevelTwo>
<RefusedTest>true</RefusedTest>
```

```
<LicenseSurrendered>>false</LicenseSurrendered>
<LicenseNotSurrendered>ASD</LicenseNotSurrendered>
<EligibleForPermit>>false</EligibleForPermit>
<NotEligibleReason>QES</NotEligibleReason>
</DUIGroups>
<DrugType>MARJ</DrugType>
<ChargeQualifierWeapon>GUN</ChargeQualifierWeapon>
<ChargeQualifierAmount>
<Range>OVER4</Range>
<Amount>4</Amount>
<Unit>GRAM</Unit>
</ChargeQualifierAmount>
</Additional>
</ArrestFiling>
</Charge>
</Charges>
</Message>
```

AddChargeTrackingFields

```
<Message MessageType="AddChargeTrackingFields" NodeID="1"
ReferenceNumber="R-19293" UserID="34235" Source="Tyler">
<ChargeID>54123</ChargeID>
<ChargeTrackNumber>8745632</ChargeTrackNumber>
<ChargeTrackSequence>A001</ChargeTrackSequence>
</Message>
```

UpdatePartyInJailFlag

```
<Message MessageType="UpdatePartyInJailFlag" NodeID="0"
ReferenceNumber="R-19293" UserID="34235" Source="Tyler">
<PartyID>10002</PartyID>
<PartyInJailFlag>>true</PartyInJailFlag >
</Message>
```

FindParty

```
<Message MessageType="FindParty" NodeID="0" ReferenceNumber="R-19293"
UserID="34235" Source="Tyler">
<Options>
<PartyTypes>
<PartyType>CivDef </PartyType>
<PartyType>CivPI</PartyType>
</PartyTypes>
<EntityAssociationFilters>
```

```
<Jailings>
<Include>Active</Include>
</Jailings>
<Warrants>
<Include>Inactive</Include>
</Warrants>
<Bonds>
<Include>All</Include>
</Bonds>
<CaseManagerCases>
<Include>Active</Include>
</CaseManagerCases>
<Citations>
<Include>Active</Include>
</Citations>
<ProsecutorCases>
<Include>Active</Include>
</ProsecutorCases>
</EntityAssociationFilters>
<MaxNumberOfResults>30</MaxNumberOfResults>
</Options>
<SearchCriteria>
<Party>
<Name>
<Soundex>>true</Soundex>
<Person>
<First>Jim</First>
<Middle>Thomas</Middle>
<Last>Jones</Last>
</Person >
</Name>
<DateOfBirth>03/11/1904</DateOfBirth>
<DriversLicense>
<Number>12345678</Number>
<DLState>TX</DLState>
</DriversLicense>
<PersonID>52558</PersonID>
<LegacyID>ICJ34541</LegacyID>
<SocialSecurityNumber>123456789</SocialSecurityNumber>
<SONumber>3116041023</SONumber>
<StateID>
<Number>1023604311</Number>
<State>TX</State>
</StateID>
<OtherAgencyNumber>
<Number>1023604311</Number>
<AgencyType>FPD</AgencyType>
</OtherAgencyNumber>
```

```
</Party>
<IncludeResults>
<SocialSecurityNumber>true</SocialSecurityNumber>
<SONumber>true</SONumber>
<DateofBirth>true</DateofBirth>
<StateID>true</StateID>
<DLNumber>true</DLNumber>
<PersonID>true</PersonID>
<Name>true</Name>
<Race>true</Race>
<Gender>true</Gender>
<Height>true</Height>
<Weight>true</Weight>
<HairColor>true</HairColor>
<EyeColor>true</EyeColor>
<NonEditable>true</NonEditable>
</IncludeResults>
</SearchCriteria>
</Message>
```

Limitations

- **Flex Schema** – Only the data currently stored in the Flex database can be imported or exported by this interface. Adding fields in the Flex database is out of the scope of this project.
- **One way** – This is a one-way interface from Flex to the remote location. No data will be imported to Flex.
- **Odyssey APIs Functionality** - This interface is contingent upon the functionality of the Odyssey APIs.

Customer's Responsibilities

- **Value Translations** - The customer will be responsible for setting up the value translations for the interface.

Deliverables

This interface will be delivered as a WAR file that will be deployable on the Flex Tomcat Server.

Installation

- Motorola Solutions will install the interface.

Configuration

- **Database Adapter** – This will determine which Flex database the interface is pushing data into.
- **Web Service URLs** – The location of the Odyssey web service
- **Web Service credentials** – The web service username and password
- **Workflow Export Status** – The workflow status to trigger the interface to export the data specified in Exhibit A will be configurable.
- **Workflow Success Status** – The workflow status to indicate that the data in Exhibit A was exported successfully will be configurable.
- **Value Translation** – All value mapping will be configurable in the Flex Syxfroot table.
- **Failure Logging** – All failures that can be logged will be logged and displayed on the web page.
- **Additional Configuration Items** – During development and testing it may be determined that additional configurations are needed.

Network

- **Connection Issues** – All networking issues are the responsibility of the customer.
- **Encryption** – This interface will not be encrypted. It is expected that all network traffic will go over a secure network.

Testing

- **Testing** – Testing will involve Motorola Solutions and the customer. Both are required participants and this project cannot be completed without their involvement. Testing will occur on the customer's Flex server and they will verify field mappings are correct.
- **Pilot/Beta Testing** – Testing can be done in the live or practice environment, whichever the customer prefers. Motorola Solutions will monitor the interface and ensure stability and reliability. After a period of no less than 14 days and no more than 60 days, Motorola Solutions will release the interface to general support.

Acceptance Criteria

- **Data Export** - All data will be exported to the corresponding fields according to Exhibit A.

Odyssey Warrant Interface Technical Product Description

Overview

Odyssey is a courts and justice software system used by the courts in Bowie County to prosecute, issue warrants, and issue other court orders. As Odyssey Court users create warrant or civil process documents, these documents will automatically populate into the Flex system. After each import is processed, a user can expect to see a valid record in Flex. The actual transfer of the data occurs in the background and is transparent to the user. The implementation of this interface will help to reduce the duplicate entry and reduce the process of manual records processing.

Objectives

This interface will provide two-way communication between Odyssey and Flex. The Odyssey Warrant System will have the ability to push new warrants and updates to warrants to the interface as well as update the status of served record from Flex to Odyssey. This process will occur by file drop or a SOAP Web Service. Either way, the format will be in XML. Once the interface receives the data, it will add it to the Names and wanted person table or civil process table table in Flex.

Stakeholders

Organization	Name	Title (or Role)	Email/Phone
Motorola Solutions	Roman Ziburko	Product Manager	Roman.Ziburko@motorolasolutions.com
TBD	TBD	TBD	TBD

Project Environment

This interface will be a web application that is served by Apache Tomcat on the Flex server. It will be packaged as a Web Application Archive (WAR).

Requirements

Requirement #	Description
1 Warrant / Civil process Initial Import (Odyssey to Flex)	<p>In Odyssey, when a Warrant, Capias Pro fine, Protective Order, or Precept's status is set to "issued," the interface will import that record into the Flex wanted person table/ civil process table and the Disposition field will be set to an Unreviewed value. Name information (see name matching rules below in this section) and file attachments (if they exist) will also be transferred to Flex. See Exhibit A for the list of elements that will be imported.</p> <p>Name Matching rules If the interface finds a match, then it will use the existing name in Spillman. If it does not find a match, then it will create a new name.</p>

	<ul style="list-style-type: none"> • Social Security number and first name • Social Security number and birth date • Social Security number and last name • Driver license and state and first name • Driver license and state and birth date • Driver license and state and last name • First, last names with date-of-birth • First, last, suffix names with phone • First, last, suffix names with an exact match on address, city, state, and zip
2 Warrant/ Civil process Update Odyssey to Flex	In Odyssey, if the status of the warrant/ civil process is changed from “issued,” that change will be reflected on the corresponding warrant’s / civil process disposition in Flex. For example, the warrant in Odyssey is changed from “issued” to “recalled.” The disposition on that warrant will be changed to “recalled” in Flex.
3 Warrant/ Civil process Update Flex to Odyssey	In Flex, if the disposition changes, that change will be reflected in the corresponding warrant’s/ civil process status on the Odyssey side. For example, when a warrant is served, the interface will update the warrant status in Odyssey. The assigned officer value will be included into the message sent to Odyssey.
4 Error Reporting	If an error occurs when importing a Warrant, Capias Pro fine, Protective Order, or a Precept, the interface will send an email with that error to a configurable list of emails.

Exhibit A

Warrant Data elements	
Judge name	wamain.judge
Bail amount	wamain.bailamt
Issued_ date	wamain.issdate
Received_ date	wamain.recvdt
Disposition_ date	wamain.dispdt
Returned_ date	wamain.retrndt
Expiration Date	wamain.expdate
Want No	wamain.number
Related Incident No	wamain.relinci
Court number	wamain.court
Wanted for	wamain.wanted
Name number	wamain.nameid
Process type	wamain.procid
Issuing court	wamain.isscrt
Crime Class	wamain.cclass

Officer assigned	wamain.officer
Agency code	wamain.agency
Disposition	wamain.dispos
Cash only?	wamain.cash
Night service?	wamain.nitesrv
Extradition	wamain.extrad
NCIC Code	wamain.nciccd
Offense Code	wamain.offcode
Docket Number	wamain.docket
Remarks	waremrk.text
Name Data Elements	
Name Number	nmmain.number
Last name	nmmain.last
First name	nmmain.first
Middle name	nmmain.middle
Suffix name	nmmain.suffix
Street address	nmmain.street
Birth Date	nmmain.birthd
Weight	nmmain.weight
City of residence	nmmain.city
State abbreviation	nmmain.state
ZIP Code	nmmain.zip
Driver's license number	nmmain.dlnum
Driver's license state	nmmain.dlstate
Home phone_ number	nmmain.phone
Work telephone number	nmmain.wrkphn
Soc sec number	nmmain.ssnum
State ID number	nmmain.stateid
FBI number	nmmain.fbinum
Height	nmmain.height
Sex	nmmain.sex
Race category	nmmain.race
Hair color	nmmain.hair
Eye color	nmmain.eyes
Facial hair	nmmain.facial
Glasses (corrective lenses)	nmmain.glasses

Physical build	nmmain.build
Skin complexion	nmmain.complx
Teeth condition	nmmain.teeth
Ethnic group	nmmain.ethnic
Hair style	nmmain.hairsty
Speech type	nmmain.speech
Death Date	nmmain.deathdt
Alias name number	nmmain.aka

Civil Process Table	
number	Process Number
copies	Copies Received
court dt	Court Date
recv dt	Time/Date Received
expr dt	Expiration Date
issued t	Date Issued
retr nd t	Date Returned
add when	When Added
add by	Who Added
mod by	Who Last Modified
mod when	When Last Modified
court	Court
judge	Judge Name
bname id	Billing name number
bname	Billing Name
bstreet	Billing Street
bcity	Billing City
bstate	State abbreviation
bzip	Billing ZIP Code
bphone	Billing Phone Number
agency	Agency code
court no	Court Number
secur id	Record Security ID
creditr	Garnishee creditor name number
fpflag	Outstanding Fee/Payments Flag

bgeoid	Geobase address ID
incinum	Related Incident
agnum	Attorney General Number

Limitations

- **Flex Schema** – Only the data currently stored in the Flex database can be imported or exported by this interface. Adding fields in the Flex database is out of the scope of this project.
- **Odyssey APIs Functionality** – This interface is contingent upon the functionality of the Odyssey APIs.

Customer's Responsibilities

- **Export location** - The customer will be responsible for the setup and maintenance of the Export location, Local directory or FTP/SFTP/FTPS server.
- **Value Translations** - The customer will be responsible for setting up the value translations for the interface.

Deliverables

This interface will be delivered as a WAR file that will be deployable on the Flex Tomcat Server.

Installation

- Motorola Solutions will install the interface.

Configuration

- **Database Adapter** – This will determine which Flex database the interface is pushing data into.
- **Web Service settings** – these will be the parameters needed to host the SOAP Web service on interface side.
- **Value Translation** – All value mapping will be configurable in the Flex Syxfrount table.
- **Import Warrant/ Civil process Status** – the input status which warrant/ civil process records are added to Flex.
- **Failure Logging** – All failures that can be logged will be logged and displayed on the web page.
- **Additional Configuration Items** – During development and testing it may be determined that additional configurations are needed.

Network

- **Connection Issues** – All networking issues are the responsibility of the customer.

- **Encryption** – This interface will not be encrypted. It is expected that all network traffic will go over a secure network.

Testing

- **Testing** – Testing will involve Motorola Solutions and the customer. Both are required participants and this project cannot be completed without the customer's involvement. Testing will occur on the customer's Flex server and the customer will verify field mappings are correct.
- **Pilot/Beta Testing** – Testing can be done in the live or practice environment, whichever the customer prefers. Motorola Solutions will monitor the interface and ensure stability and reliability. After a period of no less than 14 days and no more than 60 days, Motorola Solutions will release the interface to general support.

Acceptance Criteria

- **Data Export** - All data will be exported to the corresponding fields according to Exhibit A.

Warrant & Inmate Search Web-app

Technical Product Description

Overview

Increasingly, agencies are publishing certain publicly available law enforcement information to the internet to allow the public to search the data. One primary purpose for providing this information is to inform citizens of individuals that are considered “Wanted” or are incarcerated within their communities.

Objectives

The Warrant & Inmate Search Web-app provides web-based access to warrant and inmate information contained in the Motorola Solutions Flex RMS system.

Stakeholders

Organization	Name	Title (or Role)	Email/Phone
Motorola Solutions	Roman Zaborko	Product Manager	Roman.Zaborko@motorolasolutions.com

Project Environment

The main application is hosted outside the Flex environment on a Java EE application server or on external cloud services such as Amazon AWS. A separate data export interface is hosted on the Flex Interfaces-server. Both applications are packaged as Web Application Archives (WAR).

Requirements

Requirement #	Description
1 Warrant & Inmate Search	The application has search capability which allows searching by first name, last name, and (optionally) middle initial.
2 Denial of Service Prevention	reCAPTCHA is used on the search form to prevent spam, abuse, and denial-of-service attacks on the system.
3 Warrant List	A warrant search results screen returns matching warrants and includes the following fields: last name, first name, middle initial, age, and city as well the warrant detail.
4 Inmate List	An inmate search results screen contains the list of matching inmates along with facility name, booking date, release date, arresting agency, and charges.
4 Configuration	Configurable application settings are stored and maintained in .properties files.

5 Logging	A configurable logging system is incorporated to provide failure and troubleshooting information.
------------------	---

Limitations

Flex Schema – Only the data currently stored in the Flex database can be exported by the data export interface. Adding fields in the Flex database is out of the scope of this project.

Customer's Responsibilities

Application Hosting - It is expected that the main web app will be hosted in the cloud or on a network segment that is isolated from the Flex environment. The customer is responsible for configuring network access and managing hosting of the application.

Digital Certificate – The customer is responsible for obtaining and maintaining the digital certificate used to secure the main web app.

Managed Service Provider - 3rd party hosting of the application may be available but is not included in the services provided for this project. The customer is responsible for arranging such services.

Value Translations - The customer will be responsible for configuring any value translations needed via syxfroot rules.

Deliverables

This interface will be delivered as two WAR files: the main internet-facing web app, and the data export web app that will be deployed on the Flex Tomcat Server.

Installation

- Motorola Solutions will install the data export interface on the Flex server. The customer will install the main web app on the internet-facing server.

Configuration

- **Database Adapter** – This determines which Flex database the interface is exporting data from.
- **Data Export URL** – The URL used by the data export web app to send warrant and inmate information to the main web app.
- **Value Translation** – All value mapping is configured in the Flex Syxfroot table.
- **Failure Logging** – Failures may be logged in the configurable application log for each web app.

Network

- **Connection Issues** – All networking issues are the responsibility of the customer.
- **Encryption** – The hosting configuration for the main web app should be setup to use SSL. The data export interface will then transmit encrypted data via HTTPS connection to the main web app.

Testing

- **Testing** – Testing will involve Motorola Solutions and the customer. Both are required participants and this project cannot be completed without their involvement. Testing will occur on the customer's Flex server, and they will verify field mappings are correct.
- **Pilot/Beta Testing** – Testing can be done in the live or practice environment, whichever the customer prefers. Motorola Solutions will monitor the interface and ensure stability and reliability. After a period of no less than 14 days and no more than 60 days, Motorola Solutions will release the interface to general support.

Acceptance Criteria

- **Search Results** – Warrant and inmate information will be returned when a search is executed from the search pages.

Motorola Performed Data Conversion Scope of Work

Data Conversion Summary

Motorola Solutions' primary objective as your partner is to minimize your risk and provide you with exceptional service. We are committed to ensuring that you receive a timely, high-quality, successful data conversion.

Motorola Solutions' Standard Data Conversion includes the fields highlighted in the following pages, as long as we find an equivalent field in Customer's Legacy system. Due to the nature of data conversion, the criteria is not fixed. To ensure the best outcome, some of the field mapping can be modified during the Data Mapping/Preparation workshop, if we find an additional field match.

Agencies and Legacy Systems

Agency	Legacy System Name	Database Type
Bowie County, TX	Tyler Odyssey	Relational
Texarkana, TX	Tyler Odyssey	Relational
Texarkana, AR	ADSI	Relational

Data Conversion Scope Review

This proposal covers data conversion for the following modules:

Agency	Number of Records to be converted	Primary or Secondary Database?
Names	Unspecified	Secondary
Arrest Reports (Pre-Booking)	Unspecified	Secondary
Case Reports	Unspecified	Secondary
Incident Reports	Unspecified	Secondary
Citations	Unspecified	Secondary
Jail (JMS) Records (Odyssey Only)	Unspecified	Secondary
Mug Shots (Odyssey Only)	Unspecified	Secondary
File Attachments	Unspecified	Secondary
Evidence	Unspecified	Primary

Scope Notes:

- Data Conversion for LAW records related to Warrants, Evidence, Incident (Case) Reports, Property, and related Name records will be converted into Flex Law records. Please see the yellow-highlighted fields covered by our standard RMS data conversion below.
- Data Conversion for JMS records will include Active and Inactive inmates with the following information, related to Command Central Jail forms: Booking inmate, Arrest, Bond, Bond Payment, Name, Name Address, Offense, Sentence Holds, and Housing. Please see the yellow-highlighted fields covered by our standard JMS data conversion below.

- Legacy Images and attachments are in scope for this conversion.
- Addresses that are part of the data conversion cannot be geo-verified. Motorola assumes that legacy addresses were already geo-verified in the previous system.
- System code, configuration, and maintenance tables are not included in this Data Conversion.
- The following table contains a list of Flex Jail tables involved in this conversion:

Modules	Targeted Jail Tables
Inmate	JLINMATE
Booking	JLBOOK (and all tables with the prefix "jlbk")
Arrest	JLARREST (and all tables with the prefix "jlar")
Offense/Charge	JLOFFEN (and all tables with the prefix "jlof")
Sentence	JLSENT (and all tables with the prefix "jlsn")
Bond	JLBonds (and all tables with the prefix "jlbk")
Property	JLPRGRP and jlprgitm (and all tables with the prefix "jlpr")
Inmate Mail	jlinmail
Jail Logs	JLLOG (and all tables with the prefix " jllg")
Master Name	NMMAIN

Motorola Responsibilities:

1. Provide a Project Schedule – Schedule will be mutually agreed upon by Motorola and Customer.
2. Complete Data mapping – Create initial data mapping document.
3. Conduct Data Conversion Preparation Workshop – Review, revise and accept data mapping document.
4. Complete Data Conversion – Extracting, Translating and Loading data (ETL).
5. Complete Script Development.
6. Complete Data Migration – Two Test Load Iterations & Live Cut.

Customer Responsibilities:

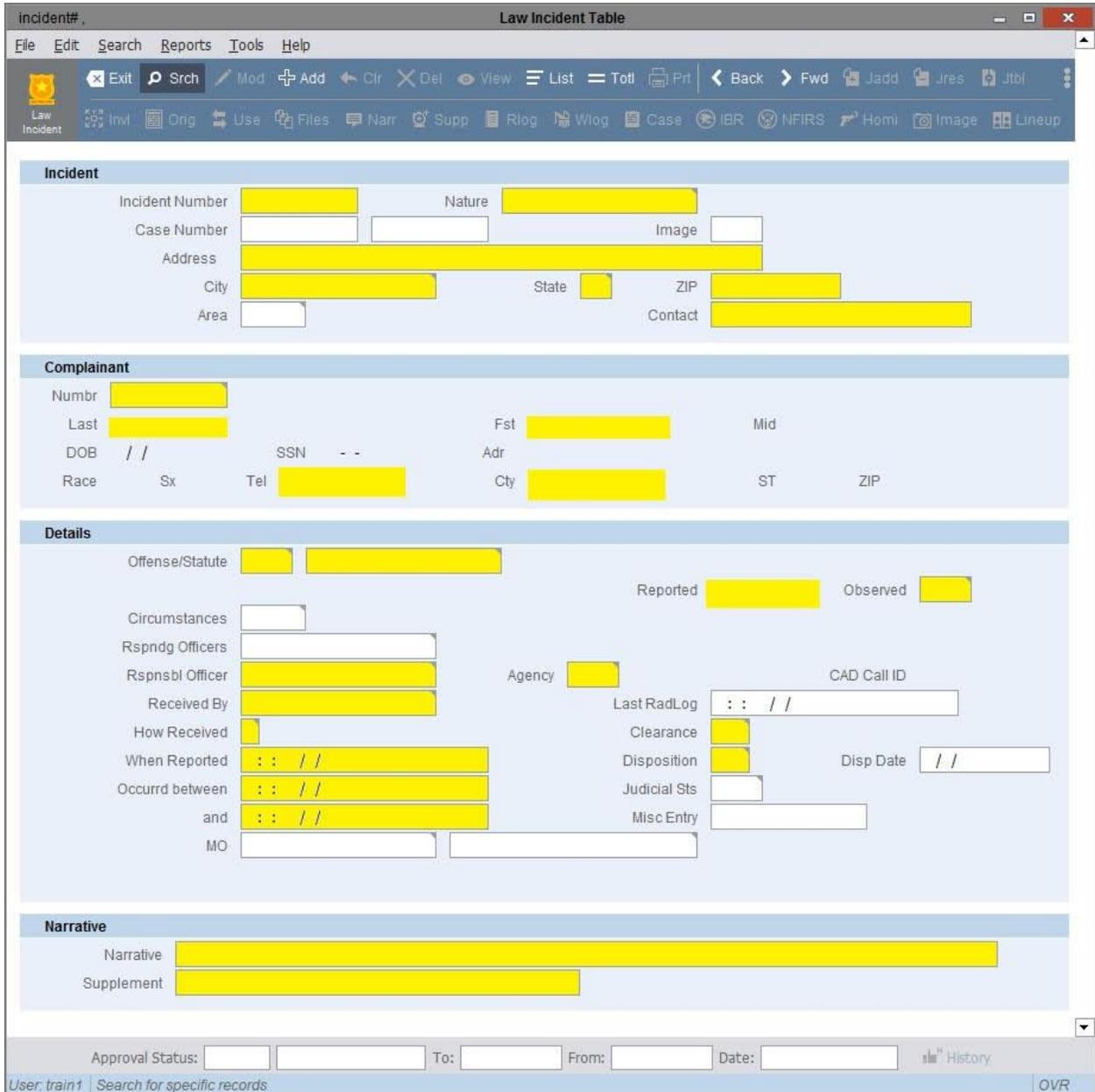
1. Provide Legacy Data in CSV, Excel, or Access database file format, if Legacy data is not in MS SQL or Oracle server.
2. Provide Motorola with adequate documentation of the legacy database and field mapping information.
3. Cleanse data in the legacy database prior to data conversion, specifically, duplicate master records.
4. Participate in a Data Conversion Preparation Workshop.
5. Review and verify all converted data for accuracy within each iteration process.
6. Approve the data conversion requirements document prepared by Motorola.
7. Following a test iteration or live cut, the customer will review and report any issues within 10 business days.

Standard Data Included in Conversion

The items highlighted below will be converted from the legacy database into Flex, if the data is available and can effectively be translated into Flex.

Flex Records (RMS)

Law Incidents:



The screenshot displays the 'Law Incident Table' application interface. The interface is divided into several sections, each containing data fields. Many fields are highlighted in yellow, indicating data to be converted. The sections are:

- Incident:** Incident Number, Nature, Case Number, Image, Address, City, State, ZIP, Area, Contact.
- Complainant:** Numbr, Last, Fst, Mid, DOB, SSN, ADR, Race, Sx, Tel, Cty, ST, ZIP.
- Details:** Offense/Statute, Reported, Observed, Circumstances, Rspndg Officers, Rspnsbl Officer, Agency, CAD Call ID, Received By, Last RadLog, How Received, Clearance, When Reported, Disposition, Occurrd between, Judicial Sts, and, Misc Entry, MO, Disp Date.
- Narrative:** Narrative, Supplement.

At the bottom of the interface, there is a footer area with 'Approval Status', 'To:', 'From:', 'Date:', and 'History' buttons. The user name 'User: train1' and a search prompt 'Search for specific records' are also visible.

Name Records:

nmmain
Names Table

File Edit Search Reports Tools Help

Exit Srch Mod Add Clr Del View List Totl Prt Back Fwd Jadd Jres Jtbl

Names Invl Orig Use Files DL Xname Addr Premis Busin Image Notices Assoc Lineup

Name and Address

Number

Last First Middle

Address Address History

City State ZIP

Zone Area

Death Alias

Moniker

Personal Identification

DL Number SSN State ID

DL State Class FBI Local ID

Home Tel Other Tel

Work Tel Internet

Physical Description

DOB Eyes Complxn

Race Glasses Speech

Sex Hair Teeth

Gender Hairstyle Build

Height 0 cm Beard Ethnic

Weight 0 kg

Traits

Name Type Sub Type

Scars, Marks, and Tattoos

MO

Narrative/Other

Alert Codes

Comments

Addresses Premis Xtra Visited Inmates Had Visitors

Image Merge

User: train1 Search for specific records OVR

Property Records:

prmain Property Table

File Edit Search Reports Tools Help

Exit Srch Mod Add Clr Del View List Totl Prt Back Fwd Jadd Jres Jtbl

Property Invl Org Use Files Hist Image

Property

Property Number <input type="text"/>	Image <input type="text"/>
Item <input type="text"/>	Owner Applied Number <input type="text"/>
Brand <input type="text"/>	Characteristics <input type="text"/>
Model <input type="text"/>	IBR/UCR Quantity <input type="text"/>
Year <input type="text"/>	Measurement <input type="text"/>
Serial Number <input type="text"/>	IBR/UCR Code <input type="text"/>
Color <input type="text"/> / <input type="text"/>	IBR/UCR Total Value <input type="text"/>

Owner

Numbr <input type="text"/>	
Last	Fst
DOB //	SSN - -
Race	Sx
Tel () -	Adr
	Cty
	ST
	ZIP

IBR/UCR

IBR/UCR Agency <input type="text"/>	Accum Amt Recov <input type="text"/>
Officer <input type="text"/>	UCR Incident <input type="text"/>
IBR/UCR Status <input type="text"/>	Storage Location <input type="text"/>
Local Status <input type="text"/>	Tag Number <input type="text"/>
Local ID <input type="text"/>	Crime Lab Num <input type="text"/>
Status Date //	Date Released //
Date Recov/Rcvd //	Released By <input type="text"/>
Amount Recovered <input type="text"/>	Released To <input type="text"/>
Custody :: //	IBR/UCR Dhist
Reason	

Comments

User: train1 | Search for specific records OVR

Command Central Jail:

Arrests:

Booking Checklist » Booking Checklist » Arrest (Adding) - Spillman Flex

File Edit Search Administration File Capture Imaging Jail Reports Help

Search Add Clear X Save Cancel < > Use Partition File

Booking - 79 (09/04/2008 08:34:36)

No Arrests

No Offenses

No Sentences

No Bonds

No Property Taken

No Inmate Accounts

No Property Issued

Not Searched

No Assessments

No Housing Assigned

No Medications

No Medical Screenings

No Events

No Holds

No Mug Shots

Not Fingerprinted

Name Record

Booking Forms

Agency: SPD Arrest Number: tmpId(1)

Last: [No Name Booking] First: MI: Sex: Race: DOB: S.C. Confined SCSO+

Current Booking: 09/04/2008 08:34:36 Scheduled Release: Name Number: NMB J.S.

Location: Cell Block B For 10 years, 4 months, 11 days, 2 hours, 31 I.C.

[Inmate Record](#) [Inmate List](#) [Images](#) [Flags](#)

Date: 01/11/2019 11:06:44 Arresting Officer:

Location: Area: Arresting Agency: Reference: Tracking:

Judicial Age Status: Age at Arrest: Arrest Type: Juvenile Disposition: Pre-Sentence Class:

Additional Info Circumstances Offenses Bookings Involvements Prints

Select All Partition

Complete Incomplete Please enter data to add

Bonds:

Booking Checklist > Booking Checklist > Bond (Adding) - Spillman Flex

File Edit Search Administration File Capture Imaging Jail Reports Help

Search Add Clear Save Cancel Use Partition File

Agency: SPD Bond Number: tmpId(6)

Last First MI Sex Race DOB S.C.
 [No Name Booking] [] [] [] [] [] [] []

Current Booking Scheduled Release Name Number J.S.
 09/04/2008 08:34:36 [] [] [] [] [] [] [] []

Location I.C.
 Cell Block B For 10 years, 4 months, 11 days, 2 hours, 34 [] []

Inmate Record Inmate List Images Flags

Bond Type: [] Issue Date: 01/11/2019 Entered By: B Pratt

Required Amount: \$ Remaining: \$0.00
 Optional Amount: \$ Remaining: \$0.00

Total Due: \$0.00 Remaining Due: \$0.00

Court ID Number: [] Issuing Judge: []

Clear By Exception:
 Cleared By: []
 Date: []
 Clearance Code: []
 Description: []

Additional Info Sentences Booking Offense Payments

Complete Incomplete Please enter data to add

Bond Payments:

Bond Payment (Adding) - Spillman Flex
- □ ×

File Edit Search Administration File Capture Imaging Jail Reports Help

Search Add Clear X Save Cancel < > Use Partition File

Receipt Booking Record

Agency: **SPD** Payment Number: **tmpId(8)** Receipt Number:

INMATE

Last: [No Name Booking] First: MI: Sex: Race: DOB:

Current Booking: **09/04/2008 08:34:36** Scheduled Release: Name Number: **NMB**

Location: **Cell Block B**

[Inmate Record](#) [Inmate List](#)

S.C.:

J.S.:

I.C.:

[Images](#) [Flags](#)

Date: **01/11/2019** Booking Number: **79**

Payment Type:

Amount:

Received By:

Received From:

Description:

Bond Company

Company:

Bondsman:

Select	Bond Number	Bond Type	Req Due	Opt Due	Required P	Optional Paid	Remaining	Cleared
Net Total:			0.00	0.00	0.00	0.00	0.00	

Please enter data to add

Booking Inmate record:

Booking Checklist » Booking Checklist » Booking - Spillman Flex
File Edit Search Administration File Capture Imaging Jail Reports Help

Search Add Clear X Save Cancel < > Use Partition File

Booking - 79
(09/04/2008 08:34:36)

- No Arrests
- No Offenses
- No Sentences
- No Bonds
- No Property Taken
- No Inmate Accounts
- No Property Issued
- Not Searched
- No Assessments
- No Housing Assigned
- No Medications
- No Medical Screenings
- No Events
- No Holds
- No Mug Shots
- Not Fingerprinted
- Name Record
- Booking Forms

Agency: **SCSO** Booking Number: **79**

INMATE	Last: [No Name Booking] First: [] MI: [] Sex: [] Race: [] DOB: [/ /]	S.C. []	Confined SCSO+
	Name Number: []	J.S. []	
	Location: [Cell Block B] <i>For 10 years, 4 months, 11 days, 2 hours, 30</i>	I.C. []	
	Inmate Record Inmate List Images Flags		

Agency Booked For: Spring County Sheriff	Total Time Served: 540 Weeks 1 Day 2 Hours
Booking Type: []	Credit Time Served: []
Initial Booking Date: 09/04/2008 08:34:36	Scheduled Release: [/ /]
Last Intake Date: 09/04/2008 08:34:36	Actual Release: [/ /]
Case Number: []	Req Bond Payments Due: \$0.00
Local Number: []	Credit Time Left: 0 Weeks 0 Days 0 Hours
Booking Disposition: []	Charge Housing: <input checked="" type="checkbox"/> Non-Custody Booking <input type="checkbox"/>

Status | Cash Account

Additional Info | Holds | Commitments | Bonds | Sentences | Arrests | Offenses | Intake & Release | Billing | Global Adjustments | Issue | Take | Involvements

Complete Incomplete
Search Completed - 1 result found

Holds:

Booking Checklist » Booking Checklist » Holds (Adding) - Spillman Flex

File Edit Search Administration File Capture Imaging Jail Reports Help

Search Add Clear Save Cancel Use Partition File

Booking Flag Clear Hold

Booking Number: 79 Flag Number: Holds Number: tmpId(9)

Last: [No Name Booking] First: MI: Sex: Race: DOB: S.C.: Confined SCISO+

Name Number: NMB J.S.

Location: Cell Block B I.C.

Inmate Record Inmate List Images

Entered By: B Pratt Entered Date: 01/11/2019 11:47:46

Hold Type: Cleared Date:

Cleared By:

Clearance Description:

Select All

Complete Incomplete Please enter data to add

Housing:

Assign Housing - Spillman Flex _ □ ×

File Edit Administration Jail Imaging Reports Help

Select Inmate Assign Cancel Previous Inmate Next Inmate

Housing Log Inmate Classification Move to Assigned Housing View Keep Separate

Inmate

Last: [No Name Boc] First: [] MI: [] Sex: [] Race: [] DOB: [/ /]

S.C.: []

Current Booking: 9/4/2008 08:34:36 Scheduled Release: [/ /] Name Number: NMB

J.S.: []

Location: Cell Block B For 10 years, 4 months, 11 days, 2 hours, 36 minutes

I.C.: []

[Inmate Record](#) [Inmate List](#) [Images](#) [Flags](#)

Confined SCSO+

Housing Show Assigned Inmates

Filter: [] Area: []

Current Assignment

Location: []

Bed ID: []

Bed Type: []

Temporary Bed Handicap Accessible

Notes: []

New Assignment

Location: []

Bed ID: []

Bed Type: []

Temporary Bed Handicap Accessible

Notes: []

Event: []

Log Notes: []

Name Records:

[No Name Booking] Names Table

File Edit Search Reports Tools Help

Exit Srch Mod Add Clr Del View List Totl Prt Back Fwd Jadd Jres Jtbl

Names Invt Orig Use Files DL Xname Addr Premis Busin Image Notices Assoc Lineup

Name and Address

Number	NMB		Confined SC50+
Last	[No Name Booking]	First	
Address			
City	State	ZIP	
Zone	Area	Address History	
Death	Alias		
Moniker			

Personal Identification

DL Number	SSN	State ID	
DL State	FBI	Local ID	
Home Tel	Other Tel		
Work Tel	Internet		

Physical Description

DOB	Eyes	Complex	
Race	Glasses	Speech	
Sex	Hair	Teeth	
Gender	Hairstyle	Build	
Height	Beard	Ethnic	
Weight			

Traits

Name Type	Sub Type
Scars, Marks, and Tattoos	
MO	

Narrative/Other

Alert Codes	Premis	Xtra	Visited Inmates
Comments	Had Visitors		
Image	Merge		

User: train2 | Search for specific records
OVR

Name Address:

nmaddr
Names Additional Addresses

File Edit Search Tools Help

Add a new record

 Accept
 Cancel
 Previous

Name and Primary Address

Numbr Confined SC50+

Last Fst Mid

DOB SSN Adr

Race Sx Tel () - Cty ST ZIP

Description

Type Description

Address

Address

City ST ZIP

Zone Area

User: train2 Tap PREV to copy in search data
OVR Rec 0

Offense:

Booking Checklist » Booking Checklist » Offense - Spillman Flex

File Edit Search Administration File Capture Imaging Jail Reports Help

Search Add Clear Save Cancel Use Partition File

Repeat Split Map

Agency: [] Offense Number: []

Last [] First [] MI [] Sex [] Race [] DOB [] S.C. []
 Current Booking [] Scheduled Release [] Name Number [] J.S. []
 Location [] I.C. []

Inmate Record Inmate List Images Flags

Counts: [] Date: []
 Statute: [] TN Suffix: []
 Offense Code: [] Related Incident: []
 Offense Type: [] Reference: []
 Crime Class: [] Entry Code: []
 Jurisdiction: [] Court Code: []
 NCIC: [] Alcohol/Drug: []
 Location: [] Disposition: []
 Area: [] Disposition Date: []

Additional Info Bookings Prints Status Billing Local ID Arrests Bonds Sentences Involvements

Select All

Complete Incomplete Searching, please wait...

Sentence:

Booking Checklist » Booking Checklist » Sentence (Adding) - Spillman Flex

File Edit Search Administration File Capture Imaging Jail Reports Help

Search Add Clear Save Cancel < > Use Partition File

Close Sentence Agency: SPD Sentence Number: tmpld(3)

Last [No Name Booking] First MI Sex Race DOB S.C. Confined SCSO+

Current Booking 09/04/2008 08:34:36 Scheduled Release Name Number NMB J.S.

Location Cell Block B For 10 years, 4 months, 11 days, 2 hours, 33 I.C. Images

Inmate Record Inmate List

Sentence Type: Actual Start Override: Actual Start Time & Date: Consecutive to Sentence: Precedes Sentence(s):

Total Time Sentenced: Adjusted Time to Serve: Actual Time Left: 0 Weeks 0 Days 0 Hours Projected Complete Date: Complete Date:

Additional Info Court Info Adjustments Commitments Booking Offense Bond

Code	Years	Months	Weeks	Days	Hours	Calendar	Court Adjustment	Entered By	Date Added
Initial Sentence	1	1	1	1	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Brett Pratt	6/11/2019 11:0

* Click here to add a new record...

Complete Incomplete ease enter data to add

EXHIBIT D Maintenance and Support Agreement

This Exhibit D, Flex Maintenance and Support Agreement ("Agreement"), is between Motorola Solutions, Inc., ("Motorola"), and Bowie County, TX; Texarkana, TX and Texarkana, AR (Collectively "Customer").

For good and valuable consideration, the parties agree as follows:

Section 1: Definitions

- 1.1 **"Coverage Hours"** means the hours between 5:00 a.m. and 6:00 p.m., Mountain Time, Monday through Friday, excluding regularly scheduled holidays of Motorola.
- 1.2 **"Documentation"** means all written or electronic user documentation for the Software provided by Motorola to Customer. Documentation does not include Motorola marketing materials.
- 1.3 **"Enhancement"** means any modification or addition that, when made or added to the Software, changes its utility, efficiency, functional capability, or application, but that does not constitute solely an Error Correction. Motorola may designate Enhancements as minor or major, depending on Motorola's assessment of their value and of the function added to the preexisting Software.
- 1.4 **"Error"** means any failure of the Software to conform in all material respects to its functional specifications as published from time to time by Motorola, subject to the exceptions set forth in Section 4.
- 1.5 **"Error Correction"** means either a software modification or addition that, when made or added to the Software, establishes material conformity of the Software to the functional specifications, or a procedure or routine that, when observed in the regular operation of the Software, eliminates the practical adverse effect on Customer of such nonconformity. Error Correction services are subject to the exceptions set forth in Section 4.
- 1.6 **"Primary Agreement"** means the agreement to which this exhibit is attached.
- 1.7 **"Releases"** means new versions of the Software, including all Error Corrections and Enhancements.
- 1.8 **"Response Time"** means six (6) or less Coverage Hours, from the time Customer first notifies Motorola of an Error until Motorola initiates work toward development of an Error Correction.
- 1.9 **"Software"** means the package of Motorola computer program(s), interfaces and/or data, in machine-readable form only, as well as related materials, including Documentation, initially or subsequently licensed by Customer. Software also includes all Utilities, modifications, new Releases and Enhancements. "Software" specifically excludes Third Party Software, except to the extent otherwise expressly stated in this Agreement.
- 1.10 **"System Application Administrator"** means an agent of Customer appointed by Customer, who has been certified on the Software by Motorola, pursuant to the procedures set forth in Section 6 hereof, and is able to communicate effectively with Motorola support personnel in the description and resolution of problems associated with the Software.
- 1.11 **"Support Term"** means the entire period during which Customer is receiving support services for the Software under the terms of this Support Agreement, beginning on the installation date of the Software. Support services are included during the Software's Warranty Period, as defined in Section 6.1 of Exhibit A, which is the "Initial Support Term." Thereafter, the Support Term shall automatically renew for successive periods of one year each, unless and until terminated pursuant to Section 8

hereof. In no event, however, shall the Support Term extend beyond the term of the Software License in Exhibit A

- 1.12 **“Third Party Software”** means software owned by third parties, whether (i) licensed by the third party to Motorola for distribution to Motorola’s customers with the Software, such as mapping software, database software, paging software or open source software, or (ii) separately acquired by Customer as necessary or appropriate for use in conjunction with the Software, such as word processors, spreadsheets, terminal emulators, etc.
- 1.13 **“Utilities”** means the software utilities and tools provided by Motorola as part of the Software, including Motorola’s XML Query, ODBC interface and implementation code, ctpperl, dbdump, and dbload, as well as any other software utilities provided by Motorola in connection with the Software.

Section 2: Eligibility For Support

- 2.1 **Support Termination.** Motorola’s obligation to provide the support and maintenance services described in this Support Agreement with respect to the Software may be terminated pursuant to Section 8.2.2 or suspended, at Motorola’s discretion, if at any time during the term of this Support Agreement any of the following requirements are not met:
- 2.1.1 The Software License in Exhibit A must remain valid and in effect at all times;
 - 2.1.2 The Software must be operated on a hardware platform, operating system and version approved by Motorola; and
 - 2.1.3 Customer must be current on payment of maintenance and support fees.
- 2.2 **SAA Replacement.** Motorola may require Customer to appoint a new Motorola Application Administrator (“SAA”) in order to continue receiving support services or increase Customer’s support fees, if Motorola reasonably determines that the acting SAA does not have the training or experience necessary to communicate effectively with Motorola support personnel.

Section 3: Scope of Services

During the Support Term, Motorola shall render the following services in support of the Software, during Coverage Hours:

- 3.1 **Support Center.** Motorola shall maintain a Support Services Control Center capable of receiving from the SAA reports of any software irregularities, and requests for assistance in use of the Software.
- 3.2 **Services Staff.** Motorola shall maintain a trained staff capable of rendering support services set forth in this Support Agreement.
- 3.3 **Error Correction.** Motorola shall be responsible for using all reasonable diligence in correcting verifiable and reproducible Errors when reported to Motorola in accordance with Motorola's standard reporting procedures. Motorola shall, after verifying that such an Error is present, initiate work within the Response Time in a diligent manner toward development of an Error Correction. Following completion of the Error Correction, Motorola shall provide the Error Correction through a "temporary fix" consisting of sufficient programming and operating instructions to implement the Error Correction and Motorola shall include the Error Correction in all subsequent Releases of the Software. Motorola supports two (2) versions back from the most recent release version. However, Motorola may, but is not obligated to, provide Error Corrections for any version of the Software other than the most recent Release.
- 3.4 **Software Releases.** Motorola may, from time to time, issue new Releases of the Software to its Customers generally, containing Error Corrections, minor Enhancements, and, in certain instances, if Motorola so elects, major Enhancements. Motorola reserves the right to require additional license

fees for major Enhancements. Motorola shall provide Customer with one copy of each new Release, without additional charge. Motorola shall provide reasonable assistance to help Customer install and operate each new Release, provided that such assistance, if required to be provided at Customer's facility, shall be subject to the supplemental charges set forth in Motorola's current Fee Schedule.

- 3.5 **Enhancements.** Motorola shall consider and evaluate the development of Enhancements for the specific use of Customer and shall respond to Customer's requests for additional services pertaining to the Software (including, without limitation, data conversion and report-formatting assistance), provided that such assistance, if agreed to be provided, shall be subject to supplemental charges mutually agreed to in writing by Motorola and Customer.

Section 4: Services Not Covered by this Support Agreement

The services identified in this section are NOT covered by this Support Agreement. Motorola strongly recommends that Customer secure a separate support agreement with third party vendors for all non-Motorola products. Motorola may, in its discretion, provide such services to Customer upon request, for an additional fee as the parties may agree in writing.

- 4.1 **Third Party Products.** Motorola will not provide support for any third party products, including hardware, or support for hardware failure due to the use of any third party products. Motorola may in its discretion provide first-line support for Third Party Software distributed by Motorola; if not, Motorola will refer Customer to the vendor of such software for resolution of support issues.
- 4.2 **Customized Interfaces and Software.** Motorola's standard support does not include support for any custom interfaces or other customized Software developed by Motorola or any third party for Customer. Support and maintenance services for customized Software are subject to an additional support fee, if agreed in writing between the parties. Such support and maintenance services include bug fixes and minor modifications to the custom interface or software. They do NOT include major revisions or rewrites, such as those required to make a custom interface work with a new or upgraded version of the applicable third party software. Custom interfaces and support therefore are specific to the designated version of the applicable third party software or system. Any major changes to such third party software or system will require a new custom quote for Motorola to modify the custom interface to work with the new version of the third party software or system. Motorola's support fees may also differ for the new version of the custom interface.
- 4.3 **Network Failures.** Motorola will not provide support for any network failures or problems including, but not limited to, cabling, communication lines, routers, connectors, and network software.
- 4.4 **Data Recovery.** Motorola's standard support does not include restoration and/or recovery of data files and/or the operating system. Motorola will, upon request of Customer and subject to its then-current fees for such services, use reasonable efforts to assist Customer in recovering lost data.
- 4.5 **Unauthorized Use.** Motorola will not provide support where the problem arises out of any breach of warranty, damages to the Software or its database, data corruption, or support issues, security issues, or performance issues arising out of Customer's or a third party's use of the Utilities or any software not specifically licensed by Motorola to Customer for use in connection with the Software. Any assistance provided by Motorola in resolving such problems shall be charged to Customer on a time and materials basis. Additionally, any unauthorized use of the Utilities or other software in connection with the Software by Customer (or by a third party with Customer's knowledge) may result, at Motorola's sole option, in voidance of warranties, an increase in the annual maintenance and support fees under this Support Agreement, and/or loss of rights to upgrades under this Support Agreement.
- 4.6 **Database Modifications.** Motorola will not provide support for any damages to or problems with the Software or its database, data corruption, support issues, security issues, or performance issues arising from Customer's utilization of the "write" feature of the ODBC interface to write to or modify the database in any way.

- 4.7 **Misuse or Damage.** Motorola will not provide support for Software problems caused by Customer misuse, alteration or damage to the Software or Customer's combining or merging the Software with any hardware or software not supplied by or identified as compatible by Motorola, customizing of programs, accident, neglect, power surge or failure, lightning, operating environment not in conformance with the manufacturer's specifications (for electric power, air quality, humidity or temperature), or Third Party Software or hardware malfunction.
- 4.8 **Operating System.** Motorola is not responsible for supporting, configuring, maintaining, or upgrading the operating system, including, but not limited to, backups, restores, fixes, and patches, or for providing assistance with problems caused by operating system installation, configuration, errors, maintenance or repair, or using incorrect versions of the operating system.
- 4.9 **Onsite Visits.** Onsite service visits to Customer's facility by Motorola are subject to additional charges, as set forth in Section 7.5.
- 4.10 **Printers.** Motorola is not responsible for supporting printers connected to the back of terminals/personal computers (commonly called pass-through printing) or network printers are not supported by Motorola.

Section 5: Obligations of Customer

- 5.1 **Software Connectivity.** Customer must maintain and provide, at no cost to Motorola, a CJIS-approved broadband internet connection to the server used with the Software, 24 hours per day, 7 days per week, to facilitate remote support utilities enabling Motorola support personnel to connect to and provide assistance with the server used with the Software. Third party connectivity tools, such as client VPN software, which must be installed on Motorola equipment, cannot be required by Customer.
- 5.2 **Customer Representative During Onsite Visits.** Customer's SAA or another authorized representative of Customer must be present when any onsite support is provided. Customer agrees that if such representative is not present when the Motorola representative arrives onsite, the Motorola representative shall notify an appropriate representative of Customer, if feasible, that there is no Customer IT representative present. If Customer's IT representative does not arrive within a reasonable time, no work will be performed and Customer will be charged for Motorola's expenses relating to the visit. If Motorola's on-site support person determines that changes to Customer's system (hardware or software) are required or advisable, it will inform Customer's representative. If such representative is not authorized to make or approve changes to Customer's system, as applicable, Customer will promptly make available such a person.
- 5.3 **English Language.** All communications between Customer and Motorola must be in the English language.
- 5.4 **SAA Assignment.** Customer is responsible for providing one or more qualified Motorola Application Administrators as described in Section 6 hereof. At least one authorized representative, identified to Motorola by Customer in writing with contact information, must be available at all times; however, after-hours availability is required only when and if Customer is requesting after-hours support from Motorola.
- 5.5 **Security.** Customer is responsible for providing all network and server security.
- 5.6 **Error Information.** Customer must provide Motorola with information sufficient for Motorola to duplicate the circumstances under which an Error in the Software became apparent.
- 5.7 **CJIS Compliance.** Customer is responsible for its own adherence to the FBI Criminal Justice Information Services (CJIS) Security Policy, the Health Insurance Portability and Accountability Act of 1996 (HIPAA) (to the extent applicable) and any other applicable security and privacy laws and regulations. Motorola will reasonably cooperate with Customer in connection therewith.

Section 6: SAA and Support Contact Requirements

- 6.1 **Certification.** Customer's designated SAA must be certified by Motorola within one year of the date of Customer's cutover to live operation of the Software ("Go-live"). The designated SAA must meet the following requirements in order to certify at the basic level:
- 6.1.1 Attend and participate in, and successfully pass the final written and practical examinations from the following courses within one hundred twenty (120) days of installation of the Software:
 - i. System Introduction – Inquiry,
 - ii. System Introduction – Data Entry & Modification,
 - iii. Basic System Administration, and
 - iv. General training applicable to the Software used by Customer.
 - 6.1.2 Pass the Basic SAA exam within one year after the agency's Go-live date.
- 6.2 **SAA Training Costs.** Customer will be responsible for the costs of such training, including any course fees, travel, and lodging expenses.
- 6.3 **SAA and Support Contact Information.** Contact information for Customer's SAA(s) and other authorized support contacts must be provided by Customer to Motorola's Technical Services department. Any changes to Customer's SAA and support contacts names and contact information must be promptly provided to Motorola's support department.
- 6.4 **Qualifications.** Each designated SAA and Customer support contact must be qualified to address, or have other support resources to address, without the aid of Motorola, all problems relating to hardware, software, or operating system not directly associated with the Software.

Section 7: Fees and Charges

- 7.1 **Support Fees.** During the Initial Support Term, support services are included as part of the initial purchase price paid by Customer. Thereafter, Customer shall pay Motorola the applicable support fees or Motorola support invoice, and any other charges or fees described herein. Motorola reserves the right to change its support fee, effective upon no less than 90 days written notice to Customer prior to the end of the current annual period.
- 7.2 **Support Fee Invoices.** Motorola shall invoice Customer for annual Support Fees at the beginning of each contract year. In the event that additional billable work is performed, all billable charges and expenses will be invoiced to Customer at the beginning of the month following the month in which those charges and expenses accrued or were incurred. Customer shall pay the invoiced amounts immediately upon receipt of such invoices. Any amount not paid within thirty (30) days after the invoice date shall bear interest at the rate of eighteen (18) percent per year or the highest rate allowed by applicable law, whichever is less.
- 7.3 **Equipment Fees.** Customer shall be responsible for and agrees to pay the fees and charges incurred for procuring, installing, and maintaining all equipment, telephone lines, modems, communications interfaces, networks, and other products necessary to operate the Software.
- 7.4 **After-Hours Charges.** Customer agrees to pay additional charges according to the Motorola Fee Schedule for all work required by Customer and performed outside of Coverage Hours. These charges are applicable for any work performed outside of the Coverage Hours, REGARDLESS OF THE CAUSE, even if the requested work was reported and/or initiated during normal Coverage Hours.
- 7.5 **Onsite Support** If Customer requests onsite support services, Customer shall reimburse Motorola for all labor, travel, and related expenses incurred by Motorola in providing such support services.

7.6 **Additional Fees.** Additional support fees may be required by Motorola if there is a significant increase in Customer's size with respect to use of the Software. An increase in size may arise either out of Customer's internal growth or out of a Host Agency/Shared Agency arrangement as described in Section 1 of Exhibit F, if applicable. Relevant factors include number of employees, number of dispatchers and/or number of jail beds. Payment of such additional Support Fees is due within thirty (30) days of the date of the invoice for such fees. Such fees will be prorated, based upon the date during the contract year the increase in Customer's size occurred. Additionally, Motorola may adjust support fees based on changes in (1) additional licenses or modules purchased by Customer, (2) Customer's hardware, (3) the Coverage Hours selected by Customer, or (4) Customer's violation of the restrictions set forth in Section 4.5 hereof.

7.6.1 **Inflation Adjustment.** At the end of the first year of the Agreement and each year thereafter, a CPI percentage change calculation shall be performed using the U.S. Department of Labor, Consumer Price Index, all Items, Unadjusted Urban Areas (CPI-U). Should the annual inflation rate increase greater than 3% during the previous year, Motorola shall have the right to increase all future maintenance prices by the CPI increase amount exceeding 3%. All items, not seasonally adjusted shall be used as the measure of CPI for this price adjustment. Measurement will take place once the annual average for the New Year has been posted by the Bureau of Labor Statistics. For purposes of illustration, if in year 5 the CPI reported an increase of 8%, Motorola may increase the Year 6 price by 5% (8%-3% base).

Section 8: Termination

8.1 **Automatic Termination.** This Support Agreement shall automatically terminate immediately upon termination of the Software License in Exhibit A for any reason.

8.2 **Termination by a Party.** Either party may terminate this Support Agreement as follows:

8.2.1 If either Motorola or Customer provides a written notice to the other party, at least 90 days prior to the end of the then-current Support Term, of its intent to terminate this Support Agreement at the end of such Support Term; or

8.2.2 Upon 30 days prior written notice, if the other party has materially breached any provision of this Support Agreement and the offending party has not cured such breach within the 30-day notice period.

8.3 **Final Invoicing upon Termination.** Following termination of this Support Agreement, Motorola shall immediately invoice Customer for all accrued fees, charges, and reimbursable expenses; and Customer shall pay the invoiced amount immediately upon receipt of such invoice.

Section 9: General

9.1 **Incorporation of Additional Terms.** The terms of Section 3.5 (Motorola Software); Section 3.6, (Non-Motorola Software); Section 10.9 (Disclaimer of Other Warranties); Section 12 (Disputes); Section 15 (Limitation of Liability); Section 16 (Confidentiality and Proprietary Rights); and all of the General provisions in Section 17 are hereby incorporated into this Agreement by reference.

Exhibit E

**SYSTEM ACCEPTANCE CERTIFICATE
Public Safety Applications**

Customer Name: _____

Project Name: _____

This System Acceptance Certificate memorializes the occurrence of System Acceptance. Motorola and Customer acknowledge that:

1. The Acceptance Tests set forth in the Acceptance Test Plan have been successfully completed.
2. The System is accepted.

Customer Representative:

Motorola Representative:

Signature: _____
Print Name: _____
Title: _____
Date: _____

Signature: _____
Print Name: _____
Title: _____
Date: _____

FINAL PROJECT ACCEPTANCE:

Motorola has provided and Customer has received all deliverables, and Motorola has performed all other work required for Final Project Acceptance.

Customer Representative:

Motorola Representative:

Signature: _____
Print Name: _____
Title: _____
Date: _____

Signature: _____
Print Name: _____
Title: _____
Date: _____

Exhibit F

H-GAC Contract No. RA05-18, as amended