

#160299

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda

DISTRICT # All

Resolution or Ordinance (Blue) Waiver of First Requested
 Recommendations of Boards, Commissions & Committees (Green)
 Other Business (Pink)

TO : PRESIDENT AND BOARD OF TRUSTEES

FROM: Scott R. Niehaus, Village Manager

DATE : June 28, 2016 **B of T :** July 21, 2016

SUBJECT: A Resolution Authorizing the Execution of a Letter of Intent to Participate in the DuPage Judicial Information System (DUJIS).

SUBMITTED BY: Raymond J. Byrne, Chief of Police

BACKGROUND/POLICY IMPLICATIONS: This resolution authorizes the Village President to sign a letter of intent to participate in the countywide CAD / RMS Dupage Judicial Information System (DuJIS). This is a comprehensive undertaking to provide a uniform dispatching and records management system to all law enforcement and fire agencies in the County. It will also allow for access to the much larger database by all participants.

Fiscal Impact/Funding Source: None.

Review (as necessary):

Finance Director _____ Date _____
Village Manager Scott Niehaus Date 6/30/16

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda distribution.



LOMBARD POLICE DEPARTMENT



Date: June 28, 2016

To: Scott R. Niehaus
Village Manager

From: Raymond J. Byrne
Chief of Police

**Re: DuPage County Justice Information System (DuJIS)
Letter of Intent**

Approximately three years ago, several criminal justice entities in DuPage County undertook an effort to explore the possibility of a countywide records management system. At the time, most police agencies used a variety of different software programs from several different vendors. Additionally, there was no easy, seamless way to share the information and data contained in the many systems. Although a huge undertaking, a countywide approach to records management was viewed as the most efficient way to approach any improvements. Accordingly, a concerted effort was begun to bring many entities together to explore a solution. This included the Dupage County Chiefs of Police Association, DuPage County, DuPage County State's Attorney's Office, the Emergency Telephone System Board (ETSB), and the DuPage County Sheriff amongst others.

After extensively reviewing the products of several vendors, the ETSB and the County are prepared to execute a contract with Intergraph for the purchase of a countywide computer aided dispatch (CAD) and records management system (RMS). This is estimated to be a \$12 million dollar project. The ETSB will pay for the CAD component and front the costs for the RMS component. Agencies participating in the RMS component will reimburse their costs on a per user basis per the attached spreadsheets. The more users participating in the program helps to reduce costs. As of right now, informal discussions seem to indicate only one municipality in Dupage County not participating. Of course, if other agencies were to drop out, per cost shares would go up. However, if agency costs were to increase by more than 10%, agencies that have agreed to participate will be notified and can re-evaluate participation. All of the cost estimates prepared by the ETSB are on the high side, so actual costs may prove to be lower.

In order to firm up participation, we have been asked to formalize our intent to participate in DuJIS. Attached to this correspondence is a resolution authorizing the Village President to sign a Letter of Intent to participate in the DuJIS initiative. The police and fire departments are in support of this initiative. DuJIS represents a rare opportunity to combine increased buying power with many users that will result in greater sharing of uniform data across the county. Additionally, a large portion of the costs will be paid for by the ETSB. The ETSB has also built in to the program maintenance and replacement

costs, so the initiative will have sustainability. DuJIS is a fully integrated system that will eliminate duplicative data entry. In watching this initiative gain momentum over the last three years, it appears to be well thought out and carefully researched to benefit everyone in emergency services. This appears to represent an excellent opportunity to improve on service delivery and information sharing. If you should have any questions, or would like additional information, please do not hesitate to contact me.

RESOLUTION

R _____

A RESOLUTION AUTHORIZING THE EXECUTION OF A LETTER OF INTENT TO PARTICIPATE IN THE DUPAGE JUDICIAL INFORMATION SYSTEM (DUJIS)

WHEREAS, the County of DuPage, Illinois in collaboration with its Emergency Telephone System Board (ETSB), is prepared to implement an integrated justice system known as DuJIS which will allow participating police and fire departments to exchange information with and between the County's court and correctional entities; and

WHEREAS, the County intends DuJIS will replace the ETSB's existing Computer Aided Dispatch (CAD) system; and

WHEREAS, the County intends DuJIS will replace the existing incident Report Management System (RMS) used throughout the County; and

WHEREAS, the Village of Lombard has reviewed materials prepared by the ETSB which detail DuJIS's estimated costs, organization, and functionality, and such documents are incorporated in this resolution as if fully set forth herein; and

WHEREAS, the Village of Lombard desires to participate in the DuJIS System.

NOW THEREFORE BE IT RESOLVED THAT the Village President shall be and hereby is directed to execute the attached Letter of Intent directed to the State's Attorney and the Chairman of the ETSB; and further

BE IT RESOLVED, that the Village Clerk shall transmit copies of this Resolution to the State's Attorney and the Chairman of the Emergency Telephone System Board forthwith; and further

BE IT RESOLVED, that the Village President is authorized to withdraw the Letter of Intent if the ETSB determines that the estimated cost to the Village of Lombard will increase by more than ten (10) percent beyond the projection supplied by the ETSB;

RESOLUTION R _____

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Adopted this _____ day of _____, 2016.

Ayes: _____

Nays: _____

Absent: _____

Approved this _____ day of _____, 2016.

Keith Giagnorio
Village President

ATTEST:

Sharon Kuderna
Village Clerk



VILLAGE OF LOMBARD

255 E. Wilson Ave.
Lombard, Illinois 60148-3926
(630) 620-5700 Fax (630) 620-8222
www.villageoflombard.org

July 21, 2016

Village President
Keith T. Giagnorio

Village Clerk
Sharon Kuderna

Trustees
Dan Whittington, Dist. 1
Michael A. Fugiel, Dist. 2
Reid Foltyniewicz, Dist. 3
Bill T. Johnston, Dist. 4
Robyn Pike, Dist. 5
William "Bill" Ware, Dist. 6

Village Manager
Scott R. Niehaus

"Our shared Vision for Lombard is a community of excellence exemplified by its government working together with residents and businesses to create a distinctive sense of spirit and an outstanding quality of life."

"The Mission of the Village of Lombard is to provide superior and responsive governmental services to the people of Lombard."

Hon. Robert B. Berlin
DuPage County State's Attorney
503 N. County Farm Road
Wheaton, Illinois 60187

Hon. Gary Grasso, Chairman
Emergency Telephone System Board (ETSB)
421 N. County Farm Road
Wheaton, Illinois 60187

Dear State's Attorney Berlin and Chairman Grasso:

This letter is to confirm the intention of the Village Board of the Village of Lombard to participate in the DuPage County Judicial Information System (DuJIS). I am advising you that the Village Board authorized me to execute the letter on its behalf in accordance with the resolution which I have attached. The Village Board makes this representation after its review of the following documents provided by the ETSB on July 21, 2016 and which were incorporated in the resolution:

- Letter of Intent
- Organizational Structure
- Financial Overview (to date)
- Agency Estimated Costs (to date)
- Report Management System (RMS) Staffing Overview
- Additional Costs Summary
- GIS Work Flow and Addressing Ordinance



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The Village Board understands and acknowledges that the ETSB will rely on this commitment in determining the final cost for the projections of the DuJIS Project and in determining whether to proceed with contract award. The Village Board understands and expects that the ETSB will notify it prior to contract award if the estimated cost to the Village of Lombard increases by more than ten (10) percent.

Sincerely,

Village Manager
Scott R. Niehaus

Keith T. Giagnorio
Village President
Village of Lombard

*"Our shared **Vision** for Lombard is a community of excellence exemplified by its government working together with residents and businesses to create a distinctive sense of spirit and an outstanding quality of life."*

Enclosure

*"The **Mission** of the Village of Lombard is to provide superior and responsive governmental services to the people of Lombard."*



DUPAGE COUNTY

GOVERNMENT



TO: DuPage Justice Information System Participants (DuJIS)

FROM: States Attorney Robert Berlin and Gary Grasso
DuJIS Chairman DuPage ETSB Chairman

DATE: May 27, 2016

SUBJECT: DuPage Justice Information System Letter of Intent and Next Steps

Thank you for your interest in participating in the DuPage Integrated Justice Information System (DuJIS) project. The purpose of this memorandum is to provide an overview of the next steps and to seek participation from DuPage municipal and fire protection district agencies, in the form of a Letter of Intent, in order to finalize the contract with Intergraph, the vendor to which the Emergency Telephone System Board (ETSB) is preparing to award the contract for this project.

In order for the ETSB to properly price the contract, it requests that you present the enclosed "Letter of Intent" to your governing board for its approval. Please include the actual handouts as shown in the sample as part of your resolution. We have enclosed included a five-year cost projection to assist you in your decision.

The Law Enforcement Report Management System (LE RMS) cost projection includes the portion of the capital investment your agency will be responsible for as well as for its share of the ongoing maintenance, staffing (four IT professionals for LE RMS), and equipment replacement costs based on the number of users your agency would have in the system today. We have calculated this based on a cost-per-user basis. We have included an equipment replacement contribution so that the LE RMS system can be self-sustaining and allow for available funding for the upgrade or replacement of law enforcement report writing software in the future. DuPage ETSB NetRMS participants may already be familiar with equipment replacement cost preparation from your cost sharing experiences with that system. While this is not a new approach for the ETSB, it was not part of the cost projections that the manager for the initial stages of the project, Mr. David Usery, shared with you last Fall. Because we believe it is important to set aside funds for the eventual upgrade or replacement of the system in the years ahead, we have revised those projections to account for equipment replacement.

The DuJIS project is a very complex project with many interfaces to various technologies. To that end, the ETSB will only permit cost-sharing for common expenses. If an agency requires additional interfaces with the RMS or CAD to their unique software applications, it will need to obtain them through Intergraph the cost of which will be the responsibility of the impacted agency as included in the contract. Neither the ETSB nor the County will be responsible for the costs of interfaces to agency-specific software. Agency specific interfaces will be configured after the core systems are deployed, approximately 24 months from date of contract. Itemized cost projections per agency are included with this document. This information will allow participants with agency specific interfaces the opportunity to decide whether or not to move to one of the core shared applications versus paying for a specific interface.

We have made every effort to determine the five-year cost for this system including an equipment replacement contribution.

We ask that you present the Letter of Intent as is to your agency's corporate authorities, and upon its approval, execute the letter on your letterhead and return it to DuPage ETSB at 421 County Farm Road, Wheaton, IL 60187 by June 25, 2016. If some agencies elect not to participate and that reduction changes the costs to any agency by more than ten percent (10%), we will notify each agency that has executed the letter of intent of this change in costs and to allow it the opportunity to reassess its intention to participate.

The ETSB presently anticipates letting the contract before the end of the second quarter, 2016. The next ETSB Committee of the Whole Meeting is Wednesday, June 1 at 8:30am in the County Board Room at 421 County Farm Road, Wheaton. This is a two hour time block the ETSB intends to convene this additional Committee of the Whole for the exclusive purpose of reviewing the details of the contract before its final approval before the end of June. The ETSB will provide notice for those interested in attending.

Following the approval of the contract, the ETSB will request the County Board enter into intergovernmental agreements (IGAs) on the ETSB's behalf with each of the various Public Safety Answering Points (PSAPs) whose members will participate in DuJIS. The IGAs will outline the organization of the system and the respective duties of the ETSB and each PSAP. The IGAs will require each PSAP pass its obligations through to its participating member agencies. Each PSAP will be responsible for collecting an annual per capita assessment for DuJIS from its member agencies and for paying those assessments to the County and to the ETSB.

We are providing the following attachments to assist Agencies in making their decision regarding participation in the DuJIS Project:

- Letter of Intent and Resolution language with requested return attachments
- Steering Committee Structure
- DuPage Customer Pricing Overview (to date)
- Agency Cost Projections Summary (to date)
- Law Enforcement Report Management System (LE RMS) Staffing Overview
- Additional Costs Summary
- GIS Work Flow

Letter of Intent:

As we explained previously, the ETSB has requested that each prospective DuJIS participant present a letter of intent to its corporate authorities. The ETSB will use each agency's commitment to determine the total number of participants in the system as well as final pricing. After your agency has completed its due diligence and approved the letter of intent's execution, please return it to DuJIS Project, c/o DuPage ETSB 421 County Farm Road, Wheaton, IL 60187. If the number of participants changes the cost per agency by an increase of more than ten percent (10%), agencies that have indicated participation will be notified. Once a sufficient number of agencies approve the Letter of Intent, the State's Attorney, in collaboration with the attorneys for each of the participating PSAPs, will develop a standardized IGA to implement the system. As noted previously, we anticipate the PSAPs will serve as "contractual conduit" to help facilitate project implementation and to help manage the flow of responsibilities between the agencies, the ETSB, and the County in much the same way they did during the implementation and eventual operation of the radio project.

We ask that you present the resolution authorizing the execution of the letter of Intent to your board or council at your earliest opportunity and include the backup materials we are providing as attachments to the resolution.

Organizational Structure:

Upon project commencement, the County will retain a Report Management System (RMS) Manager through its Human Resources Department for LE RMS. While the County's Director of Information Technology and the ETSB's Executive Director will jointly make the final selection, a small panel representing various LE RMS user groups will participate in the selection process and screen the applicants.

Though initially an ETSB position, the RMS Manager will transition to the County's IT Department beginning with FY2017 when the project is under contract and intergovernmental agreements have been executed with participants. These instruments will obligate the funds necessary for the County to proceed with increasing its headcount for this project and completing the staffing transfer.

The ETSB will formalize the existing staff work groups which have provided valuable guidance in the vendor selection process into standing ETSB committees and subcommittees. Once established, these bodies will proceed through the existing Policy Advisory Committee (PAC), which the ETSB will restructure to allow for this expanded role. These work groups will also identify, draft and recommend policy to the ETS Board through the PAC for DuJIS for, but not limited to, standardization of data bases and mapping/addressing.

Representatives of the County of DuPage, the State's Attorney, the Sheriff, the Clerk of the Circuit Court, the DuPage Mayors and Managers Conference, the DuPage County Chiefs of Police, the DuPage County Fire Chiefs Association, the ETSB, and the City of Naperville have and will continue to collaborate on a consensus-based model to facilitate project implementation. While the ultimate authority for project management will be coordinated by the County's IT Department (LE RMS) and the ETSB (CAD), the members of this collaborative will ensure that the entities or elected officials they represent are fully informed about project goals, development, and the implementation timeline. In this way, as opposed to the creation of a formalized and rigid governance structure, each entity or elected official retains their autonomy and must independently exercise their respective functions related to project implementation. As of the Spring of 2016, State's Attorney Berlin serves as the coordinator of this loose collaborative, sometimes referred to as "governance" or a "steering committee."

Financial Overview:

We have provided the Intergraph financial cost sheet for your review. This document contains the costs to date for the system and four years of maintenance. The estimated total cost for the Intergraph contract is approximately \$12M. The coding on this sheet represents CAD (ETSB cost), RMS (Agency cost) and COM (cost attributed to both CAD and RMS which are split between these two systems). These codes were utilized to determine the agency share for reimbursement.

The ETSB will advance the initial financing for the entire project. The Agency Estimated Costs which are shown to the right of the pricing information on the spreadsheet, show the reimbursement required by Agencies to ETSB. When you met with Mr. David Usery, he provided you with cost estimates for LE RMS based upon common interfaces. These projections did not include costs for interfaces necessary to allow RMS to communicate with any additional systems your agency may have elected to utilize (such as Lexis/Nexis, Livescan, Beast, etc.), maintenance over the life of the contract, personnel or equipment replacement. For this reason, the numbers you are seeing now are somewhat larger than those you reviewed in the Fall.

Agency Estimated Costs:

This attachment details the estimated costs each agency can expect to pay for system access. It is similar in format to the current NetRMS annual billing where the RMS costs are determined per user. Please be aware that the new system will assign each user a *unique* sign on and will not support collective access to the system for a records or investigations department. For this reason, it is critical that you verify the number of users your agency will have on the system.

When you met with Mr. Usery in the Fall, he provided you with cost estimates for LE RMS acquisition based entirely on the costs of project acquisition. As was the case with hardware replacement, subsequent discussions led to the recognition that existing County and ETSB staff could not satisfy the staffing requirements Intergraph proposed were necessary to properly and effectively maintain a modern LE RMS. After a thorough review of the proposed requirements, technical experts from the County's IT Department, the ETSB, user groups, and Intergraph reached a consensus recommendation that requires the County to increase its existing staff by four (4) full time equivalent positions ("FTEs"). Based on the County's Human Resources' current salary matrix for the relevant job descriptions, the staff increase will represent an annual estimated cost of \$425,000, including employee benefits.

As is the case with the RMS Manager, all initial staff will be hired through the ETSB's existing budget and under its headcount allocation. At the start of FY18 (December 1, 2018 for DuPage County), staff positions dedicated to RMS administration will transition from the ETSB to County IT.

This form also includes costs for participants that have agency specific interfaces. There is an overall cost sheet and subsequent worksheets which provide greater detail as to how these costs were calculated. It should be noted that the results are based on information provided by participants. You should check your agency specific categories with internal staff to ensure it is correct.

RMS Staffing Overview:

This worksheet will provide additional detail for the staffing positions based on Intergraph recommendations and DuPage County Human Resources' job descriptions and salary matrix.

Additional Costs Summary:

We have attempted to account for any additional costs that may be incurred by participants. To date, these include CPU/Mobile hardware that does not meet the specifications required for this system, replacement of the SONET network to a new network to support 911 systems, wireless technology for mobile terminals and fire station alerting. The attachment provided will contain more detailed information.

GIS Work Flow and Addressing Ordinance:

Mapping is a critical function of the new CAD system which will require standardization. Participants are encouraged to have an addressing ordinance to facilitate standardization. There is also a flow chart to outline the process for address changes.



**DuPage Digital Justice Information System
Project Work Team**

Legal Counsel: Rick Veenstra

Governance Advisory Committee:

Bob Berlin, Chairman	DuPage States Attorney
Mark Baloga	DMMC
Robert Marshall	Naperville Police
Andy Bonomo	DuPage Fire Chiefs
Tom Cuculich	DuPage County
Don Carlsen	County Information Officer
Dewey Hartman	DuPage Circuit Clerk
Bill Hayden	DuPage Chiefs of Police
Jim Kruse	DuPage Sheriff's Office
Paul Rafac	County Finance Officer
Linda Zerwin	DuPage ETSB
TBD	Probation

Project Manager: Deltawrx, LLC – Report to ETSB/Linda Zerwin

Finance/Legal Team:

Paul Rafac, Lead	County Finance
Don Carlsen	County IT
Bill Hayden	DuPage Police Chiefs / Village of Addison grant
Jim Kruse	DPSO
Jim Jackson	DuPage Fire Chief Association
Rick Veenstra	SAO
Linda Zerwin	ETSB
Rebecca Cussans	County Procurement

Tech Team:

Matt Baarman, Lead	DU-COMM
Scott Klein	DU-COMM
David Jordan	DPSO
Wendy Wagner	County IT
Eric Sherpan	County IT
Jerry Furmanski	ETSB
Jason Arres	Naperville
Jason Snow	Naperville
Mike Sampey	ACDC

GIS Team

Tom Ricker, Lead	County GIS
Mike DiGiannantonio	ETSB
Mike Chastain	DU-COMM
Jason Snow	Naperville

Law Enforcement RMS Team:

Law Enforcement Executive Team

Dave Anderson	Lisle PD, LE
Tom Kammerer	Naperville PD, LE
Greg Vesta	Wood Dale, LE
Sworn LE Executive	DuPage Sheriff's Office, LE

User Group Team

Patti Taves, Lead	Glen Ellyn PD
Mike Tierney	Addison PD
Tracy Adams	Downers Grove PD
Mike Novak	Hanover Park PD
Jan Barbeau	Wheaton PD
Diane Schlake	Naperville PD
Mike DiGiannantonio	ETSB
Tom Brown	DPSO

CAD Team:

Jennifer Rizzo, Lead	Downers Grove PD
Heather Lippe	Downers Grove PD
Delores Temes	ACDC
Brandon Hurd	ACDC
Ron Gross	DU-COMM
Jenny Bostick	DPSO
David Jordan	DPSO
Kalah Considine	Naperville
Jerry Furmanski	ETSB
Mike DiGiannantonio	ETSB
ETSB Deputy Director	ETSB

Fire Team:

Dan Anderson	Roselle FD
John Sullivan	Addison FPD
Andy Bonomo	York Center FPD
Steve Riley	Westmont FD
Eric Kramer	Addison FPD
Amy Scheller	Naperville FD
Jim Halik	Westmont FD

CAD/Mobile/Web/RMS/FBR		Partno	Quantity	Unit	Unit Price	Total Price	US\$
PRODUCTION ENVIRONMENT							
Production Environment Host Servers							
Dell PowerEdge R610 - Two 22-Core Processors, 32GB RAM, 4x16TB EnterprisePlus v1.5 QD1, Dual Internal HD Cables for OS, DVD-ROM Combo Drive, Quad Fan 900 RPM, 480A, Dual Redundant Power Supplies, 5 year Pro-Pack ProSupport and Mission Critical Package (4-hour T24 24x7x365 support)	Production Environment Host Servers	COM	4	\$	30,120	\$	120,480
Microsoft Windows Server 2012 R2 Standard	Production Environment (Base)	COM	5	\$	5,815	\$	29,075
CAD Database Server #1							
Microsoft SQL Server 2012 ENT Edition R107146E - 2 core pack (7.0-Q-0000)	CAD Database Server #1	COM	5	\$	7,900	\$	39,500
3-Year/24x7 High Availability (3P000119A)	Includes CAD-system transactions. Includes ASE-ALL	CAD	1	\$	73,470	\$	73,470
CAD Database Server #2							
Microsoft SQL Server 2012 ENT Edition R107146E - 2 core pack	CAD Database Server #2	COM	5	\$	7,900	\$	39,500
Microsoft Visual Studio Professional 2012		COM	1	\$	580	\$	580
CAD Archive / Reports / Web Server							
Microsoft SQL Server 2012 ENT Edition R107146E - 2 core pack (7.0-Q-0000)	CAD Archive / Reports / Web Server	COM	5	\$	7,900	\$	39,500
3-Year/24x7 No Cost License (3P00009C)	Facilitate backup of the CAD database in this server	CAD	1		Included at no additional cost		
CAD Web Server							
1 Year/24x7 - 200 users		CAD	1	\$	171,000	\$	171,000
1 Year/24x7 - 21 concurrent users (3P0044E)		CAD	1	\$	111,000	\$	111,000
Business Intelligence Direct Server							
Microsoft SQL Server 2012 ENT Edition R107146E - 2 core pack (7.0-Q-0000)	Business Intelligence Direct Web/RMS Database Server	COM	5	\$	7,900	\$	39,500
Interface / Communications Load Balanced Servers #1-3							
ASE-ALL (Included with 3 Year/24x7)	Automatic Number Identification, Automatic Location Identification	CAD	1		Included at no additional cost		
Mobile Check Interface		CAD	1		Included at no additional cost		
ProQA Interface (Included with 3 Year/24x7)		CAD	1		Included at no additional cost		
Information (3P0000A)		CAD	1	\$	24,480	\$	24,480
Custom Services for Interfaces to State and LEAD/MSDC Message Switch (3P000000-0)	Allows query to external interface	CAD	1	\$	20,000	\$	20,000
Custom Services for Interfaces to ILLIAR (3P000000-0)		CAD	1	\$	14,440	\$	14,440
Custom Services for Interfaces to DMV Image Support (3P000000-0)		CAD	1	\$	21,660	\$	21,660
Custom Services for Interfaces to FROG/RUN/Facsimile (3P000000-0)		CAD	1	\$	7,120	\$	7,120
Custom Services for Interfaces to Michigan Question to State Message Switch (CQR, CQR, Standby)		CAD	1	\$	20,000	\$	20,000
Placed and POED and to support some providers (3P000000-0)	Assumes one Legacy RMS System Database	CAD	1	\$	20,000	\$	20,000
Custom Services for Interfaces to Offshore/Track System (3P000000-0)		CAD	1	\$	14,440	\$	14,440
Interface Transactions for Mobile Response (3P000000-0)		CAD	1	\$	7,120	\$	7,120
Interface to State Question (3P000000-0)		CAD	1	\$	20,660	\$	20,660
Interface for WebRMS NL (3P000000-0)		CAD	1	\$	Included at no additional cost		
Edge/ProQA Runtime Engine (3P000000-0)		CAD	1	\$	20,000	\$	20,000
CAD Edge/ProQA Custom Interface for Alerts and Flags (implementation support) (3P000000-0)		CAD	1	\$	14,440	\$	14,440
CAD Edge/ProQA Custom Interface for Call Tracking/Queueing Support (3P000000-0)		CAD	1	\$	4,150	\$	4,150
Page (3P000000-0)		CAD	1	\$	22,360	\$	22,360
Telephone Device for Intel - Express (3P000000-0)		CAD	1	\$	11,130	\$	11,130
ProQA-CAD/MS (3P000000-0)	Facilities ProQA	COM	1	\$	11,130	\$	11,130
ProQA-MS (3P000000-0)	State Alerting System	CAD	1	\$	11,130	\$	11,130
Interface to State/MS (3P000000-0)		CAD	1	\$	5,565	\$	5,565
State/MS Interface (3P000000-0)		CAD	1	\$	20,660	\$	20,660
ETRM22.0k for Frontend - Per additional endpoint/line/entry database (3P000000-0)	Per additional endpoint/line/entry database (assumes ASE-ALL on the same physical and logical system database has its own CAD Manager from PROQA/MS)	MSD	20	\$	1,844	\$	37,254
Custom Services for Interfaces to FROG/RUN/Facsimile - Per additional agency database (3P000000-0)		MSD	20	\$	1,844	\$	37,254
State/MS Interface - Per additional ProQA connection (3P000000-0)	Per additional ProQA connection	CAD	4	\$	16,210	\$	64,840
Interface / Communications Load Balanced Redundant Servers #1-3 (See Factory)							
ASE-ALL (Included with 3 Year/24x7) ASE-ALL		CAD	1		Included at no additional cost		
Mobile Check Interface (3P000000-0)		CAD	1		Included at no additional cost		
ProQA Interface (Included with 3 Year/24x7) ProQA		CAD	1		Included at no additional cost		
Information - Redundant License (3P000000-0)		CAD	1	\$	17,140	\$	17,140
Information for WebRMS NL - Redundant License (3P000000-0)		CAD	1	\$	Included at no additional cost		
Edge/ProQA Runtime Engine - Redundant License (3P000000-0)		CAD	1	\$	14,000	\$	14,000
Page - Redundant License (3P000000-0)		CAD	1	\$	15,982	\$	15,982
Telephone Device for Intel - Express - Redundant License (3P000000-0)		CAD	1	\$	7,791	\$	7,791
Standard and Custom Interfaces - Text, Texting, Redundant and Backup Copies of proposed interfaces are available for all Interface Servers, however, implementation is subject to the customer's ability to provide connectivity to the applicable system			1				
Mobile Data Server #1							
1 Mobile Data Terminal (3P000000-0)		CAD	1	\$	48,972	\$	48,972
1 Tracker (3P00011)		CAD	1	\$	27,823	\$	27,823
Mobile Data Server #1 (Load Balanced)							
1 Mobile Data Terminal (3P000000-0)		CAD	1	\$	48,972	\$	48,972
1 Tracker (3P00011)		CAD	1	\$	27,823	\$	27,823
Mobile Data Server #2							
1 Mobile Data Terminal (3P000000-0)		CAD	1	\$	48,972	\$	48,972
1 Tracker (3P00011)		CAD	1	\$	27,823	\$	27,823
Integrating Mobile Response Service (201.740 Users) Bundle (3P000000-0)		CAD	1	\$	40,000	\$	40,000
WebRMS Database Server #1							
Microsoft SQL Server 2012 ENT Edition R107146E - 2 core pack (7.0-Q-0000)	WebRMS Database Server #1	COM	5	\$	7,900	\$	39,500
WebRMS Database Server #2							
Microsoft SQL Server 2012 ENT Edition R107146E - 2 core pack (7.0-Q-0000)	WebRMS Database Server #2	COM	5	\$	7,900	\$	39,500
WebRMS Application Clustered Server #1 thru #4							
WebRMS Server License (3A000000-0)	WebRMS Development Server License to be installed on applicable WebRMS Production Application Servers	PRMS	1	\$	87,000	\$	87,000
Apache Tomcat 5.5 (3P000000-0)		COM	1		Included at no additional cost		
Custom Reports for S/MS		COM	1		Included at no additional cost		
WebRMS Application Clustered Redundant Servers #1-3							
WebRMS Server License - Redundant License (3P000000-0)		PRMS	1	\$	60,000	\$	60,000
Edge/ProQA Runtime Engine (3P000000-0)		PRMS	1	\$	20,000	\$	20,000
Integrating WebRMS Connect for Edge/ProQA (3P000000-0)		PRMS	1		Included at no additional cost		
RMS Edge/ProQA Customization for NEXT Interface (MS - 3P000000-0)	As Directed	PRMS	1	\$	27,220	\$	27,220
RMS Edge/ProQA Customization for APS Visual Pages 2.000 (MS - 3P000000-0)	1 day Support	PRMS	1	\$	23,011	\$	23,011

RMS EdgeFrontier Customization for Metadata Offloader Interface (RMS) (EP98MDCUST-0)	NA-Directional (Sharefile's Office)	FRMS	1	\$	31,368	\$	31,368	\$	4,322
RMS EdgeFrontier Customization for LiveScan Interface (RMS) (EP98MDCUST-1)	NA-Directional	FRMS	1	\$	15,554	\$	15,554	\$	5,111
RMS EdgeFrontier Customization for LiveScan Interface (RMS) (EP98MDCUST-1-1)	NA-Directional	FRMS	4	\$	15,554	\$	62,216	\$	12,443
RMS EdgeFrontier Customization for Offloader Watch Interface (RMS) (EP98MDCUST-1-6)	1-way Support (Sharefile's Office)	FRMS	1	\$	20,333	\$	20,333	\$	4,666
RMS EdgeFrontier Customization for State v Attorney's Office (SAR) Interface (RMS) (EP98MDCUST-7)	1-way Support	FRMS	1	\$	20,164	\$	20,164	\$	5,833
RMS EdgeFrontier Customization for DeFrag Core System (DACS) Interface (RMS) (EP98MDCUST-8)	NA-Directional	FRMS	1	\$	93,324	\$	93,324	\$	18,661
Case Case Profiling Management Interface (RMS) (EP98MDCUST-11)	Vendor View	FRMS	1	\$	7,777	\$	7,777	\$	1,233
TRM Search Subsystem (RMS) (EP98MDCUST-12)		FRMS	1	\$	4,666	\$	4,666	\$	533
RMS to iThenticate for LSA/DR/MS/CS/Quanta (EP98MDCUST-14)		FRMS	1	\$	7,777	\$	7,777	\$	1,233
RMS to iThenticate for RCL/AR/Quanta (EP98MDCUST-17)		FRMS	1	\$	7,777	\$	7,777	\$	1,233
RMS EdgeFrontier Customization for SMART Interface (RMS) - For Each additional code table configuration (EP98MDCUST-20)	Per each additional code table configuration. Assumption: the data loaded to and from all SMART systems is the same.	ADD	24	\$	7,775	\$	181,800		
RMS EdgeFrontier Customization for LiveScan Interface (RMS) - For Each Additional Protocol Format (EP98MDCUST-21)	Per each additional Protocol Format. Assumption: as impact on connectivity as schema and loading speed and link for files. Assume that all LiveScan vendors will push data to Edgegraph web server and push the data to Edgegraph webserver XML format.	ADD	27	\$	7,777	\$	209,979		
WebRMS Interface Redundant Load Balanced Servers #1-2									
EdgeFrontier Runtime Engine - Redundant License (EP98MDCUST-22)		FRMS	1	\$	14,000	\$	14,000	\$	1,260
Edgegraph WebRMS Content for EdgeFrontier - TRT (EP98MDCUST-23)		FRMS	1				Included at no additional cost		
FBR for WebRMS Application Servers #1 and #2									
WebRMS Web Server (2M0002)	Just for WebRMS Environment Server License to be loaded on applicable FBR Production Application Servers	FRMS	1	\$	29,000	\$	29,000	\$	6,372
Microsoft SQL Server 2012 R2 Express (Developer)		COM	1				Included at no additional cost		
FBR for WebRMS Redundant Server #3									
WebRMS Web Server - Redundant License		FRMS	1	\$	29,000	\$	29,000	\$	4,884
Microsoft SQL Server 2012 R2 Express (Developer)		COM	1				Included at no additional cost		
vCenter Server(Production Environment)									
Microsoft SQL Server 2012 R2 Express (Developer)		COM	1				Included at no additional cost		
VMware vCenter Server Standard for vSphere 5-1 (v. 3) - 1 instance - 1 instance includes 3 years support		COM	1	\$	12,620	\$	12,620		
VMware Support and Subscription Technical Support	Production Environment (Three)	COM	1	\$	12,620	\$	12,620		
TEST ENVIRONMENT									
CAD Database / Interface / Communications Test Server									
Microsoft SQL Server 2012 ENT Edition R2(NTIME) - 2 user pack	CAD Database / Interface / Communications Test Server	COM	4	\$	7,980	\$	31,920	\$	5,376
AM-ALL (Included with 1 Year warranty) (AM-ALL)		CAD	1				Included at no additional cost		
Master Check Interface (MCI/FP)		CAD	1				Included at no additional cost		
ProQA Interface (Included with 1 Dependent) (PQA)		CAD	1				Included at no additional cost		
Executive High Availability - Test License		CAD	1				Included at no additional cost		
1 User Viewer - 1 concurrent users - Test License		CAD	1				Included at no additional cost		
1 User Dispatcher - 5 concurrent users - Test License		CAD	1				Included at no additional cost		
1 Informer - Test License (EP98MDCUST-125004-051)		CAD	1				Included at no additional cost		
EdgeFrontier Runtime Engine - Test License (EP98MDCUST-125004-051)		CAD	1				Included at no additional cost		
EdgeFrontier Developer Engine (EP98MDCUST-125004-051)		CAD	1	\$	15,000	\$	15,000	\$	1,500
1 Mobile Data Terminal - Test License (EP98MDCUST-125004-051)		CAD	1				Included at no additional cost		
1 Timeline - Test License (EP98MDCUST-125004-051)		CAD	1				Included at no additional cost		
Standard and Custom Interfaces - Test, Training, Redundant and Backup Copies of proposed interfaces are available for all Interface Servers, however, implementation is subject to the customer's ability to provide connections to the applicable system.			1						
WebRMS Database / Application / Interface / FBR Test Server									
Microsoft SQL Server 2012 ENT Edition R2(NTIME) - 2 user pack (75Q-00001)	WebRMS Database - Application - Interface - FBR Test Server	COM	4	\$	7,980	\$	31,920	\$	5,376
WebRMS Web Server - Test License		FRMS	1				Included at no additional cost		
WebRMS Server License - Test License		FRMS	1				Included at no additional cost		
Apache Tomcat 6 (Free Download)		COM	1				Included at no additional cost		
Crystal Reports for PeopleSoft		COM	1				Included at no additional cost		
Standard and Custom Interfaces - Test, Training, Redundant and Backup Copies of proposed interfaces are available for all Interface Servers, however, implementation is subject to the customer's ability to provide connections to the applicable system.			1						
EdgeFrontier Runtime Engine - Test License (EP98MDCUST-125004-051)		FRMS	1				Included at no additional cost		
Edgegraph WebRMS Content for EdgeFrontier - TRT (EP98MDCUST-125004-051)		FRMS	1				Included at no additional cost		
DISASTER RECOVERY (BACKUP) ENVIRONMENT									
Backup Environment Best Server									
Dell PowerEdge R530 - Two 22-Core Processors, 24GB RAM, vSphere EnterprisePlus v5.1 (3Y), Dual Internal HD Cables for OR, DVD-ROM Combo Drive, Quad Port 10G NIC, HBA, Dual Redundant Power Supplies, 5 year Pro-Pack ProSupport and Onsite Critical Package (4-hours 7x24 on-site support)	Disaster Recovery Environment (Three)	COM	3	\$	33,750	\$	98,250		
Dell PowerEdge R530 - Two 22-Core Processors, 24GB RAM, vSphere EnterprisePlus v5.1 (3Y), Dual Internal HD Cables for OR, DVD-ROM Combo Drive, Quad Port 10G NIC, HBA, Dual Redundant Power Supplies, 5 year Pro-Pack ProSupport and Onsite Critical Package (4-hours 7x24 on-site support)	Disaster Recovery Environment (Three)	ADD	1	\$	33,750	\$	33,750		
Microsoft Windows Server 2012 R2 Datacenter	Disaster Recovery Environment (Three)	COM	6	\$	3,816	\$	22,896		
CAD Database Load Balanced Disaster Recovery Servers #1-3 (cold standby)									
Microsoft SQL Server 2012 ENT Edition R2(NTIME) - 2 user pack (75Q-00001)	CAD Database Disaster Recovery Server #1 (cold standby)	COM	6	\$	7,980	\$	47,880	\$	8,064
Executive High Availability - Backup License		CAD	1				Included at no additional cost		
CAD Database Load Balanced Redundant Disaster Recovery Servers #1-3 (cold standby)									
Microsoft SQL Server 2012 ENT Edition R2(NTIME) - 2 user pack (75Q-00001)	CAD Database Disaster Recovery Server #2 (cold standby)	COM	6	\$	7,980	\$	47,880	\$	8,064
Microsoft Visual Studio Professional 2012		COM	1	\$	180	\$	180	\$	138
CAD Archiving / Reports / Web Disaster Recovery Server									
Microsoft SQL Server 2012 ENT Edition R2(NTIME) - 2 user pack (75Q-00001)	CAD Archive / Reports / Web Disaster Recovery Server	COM	6	\$	7,980	\$	47,880	\$	8,064
1 User Viewer - 10 concurrent users - Backup License (EP98MDCUST-125004-051)		CAD	1				Included at no additional cost		
1 User Dispatcher - 20 concurrent users - Backup License (EP98MDCUST-125004-051)		CAD	1				Included at no additional cost		
Business Intelligence Direct Disaster Recovery Server									
BI-Source for CAD - Backup License (RFR)		CAD	1				Included at no additional cost		
BI-Direct for WebRMS - Backup License (RFR)		FRMS	1				Included at no additional cost		
CAD Interface / Communications Disaster Recovery Server #1 (cold standby)									
AM-ALL (Included with 1 Year warranty) (AM-ALL)		CAD	1				Included at no additional cost		
Master Check Interface (MCI/FP)		CAD	1				Included at no additional cost		
ProQA Interface (Included with 1 Dependent) (PQA)		CAD	1				Included at no additional cost		
1 Informer - Backup License (EP98MDCUST-125004-051)		CAD	1				Included at no additional cost		
EdgeFrontier Runtime Engine - Backup License (EP98MDCUST-125004-051)		CAD	1				Included at no additional cost		
1 Page - Backup License (EP98MDCUST-125004-051)		CAD	1				Included at no additional cost		
1 Telephone Device for Dual - Option - Backup License (EP98MDCUST-125004-051)		CAD	1				Included at no additional cost		
Standard and Custom Interfaces - Test, Training, Redundant and Backup Copies of proposed interfaces are available for all Interface Servers, however, implementation is subject to the customer's ability to provide connections to the applicable system.			1						
CAD Interface / Communications Disaster Recovery Server #2 (cold standby)									

ADP-All (Included with Licenses) (ADD-ALL)		CAD	1		Included at no additional cost		
Master Clock Interface (20Y17)		CAD	1		Included at no additional cost		
PDMA Interface (Included with Licenses) (PDM)		CAD	1		Included at no additional cost		
Uniform - Backup License (PSP-516 US - 3YRS-500K)		CAD	1		Included at no additional cost		
EdgePrinter Runtime Engine - Backup License (EP-504-10-K)		CAD	1		Included at no additional cost		
Page - Backup License (PSP-100-K)		CAD	1		Included at no additional cost		
Telephone Device for Def. - Backup License (PSP-1100-K)		CAD	1		Included at no additional cost		
Standard and Custom Interfaces - Test, Training, Redundant and Backup Copies of proposed interfaces are available for all Interface Servers, however, implementation is subject to the customer's ability to provide connectivity to the applicable system.			1				
Mobile Data Redundant Server #1							
Mobile Data Terminal - Redundant License (PSP009817)		CAD	1	\$	34,280	\$	34,280
Tracker - Redundant License (PSP011810)		CAD	1	\$	15,478	\$	15,478
Mobile Data Redundant Server #2 (Load Balanced)							
Mobile Data Terminal - Redundant License (PSP009817)		CAD	1	\$	34,280	\$	34,280
Tracker - Redundant License (PSP011810)		CAD	1	\$	15,478	\$	15,478
Mobile Data Redundant Server #3 (Load Balanced)							
Mobile Data Terminal - Redundant License (PSP009817)		CAD	1	\$	34,280	\$	34,280
Tracker - Redundant License (PSP011810)		CAD	1	\$	15,478	\$	15,478
WebRMS Database Disaster Recovery Server #1							
Microsoft SQL Server 2012 R2 Edition R2 (MS - 2 core pack (152-00001))	WebRMS Database Disaster Recovery Server	COM	1	\$	7,000	\$	7,000
WebRMS Interface Load Balanced Disaster Recovery Server #1-3							
EdgePrinter Runtime Engine - Backup License (PSP-504-10-K)		PRM	1		Included at no additional cost		
Integrgraph WebRMS Connect for EdgePrinter - ROK (PSP-204100-K)		PRM	1		Included at no additional cost		
WebRMS Interface Load Balanced Disaster Recovery Server #1-3							
EdgePrinter Runtime Engine - Backup License (PSP-504-10-K)		PRM	1		Included at no additional cost		
Integrgraph WebRMS Connect for EdgePrinter - ROK (PSP-204100-K)		PRM	1		Included at no additional cost		
WebRMS Application Report Disaster Recovery Server #1 thru #4							
WebRMS Server License - Backup License (RM001100-K)		PRM	1		Included at no additional cost		
Apache Tomcat 6 (Free Download)		COM	1		Included at no additional cost		
Cyrillic Reports for EdgePrinter		COM	1		Included at no additional cost		
WebRMS Application Report Disaster Recovery Redundant Server (RS)							
WebRMS Server License - Backup License (RM001100-K)		PRM	1		Included at no additional cost		
FR for WebRMS Disaster Recovery Server #1 and #2							
WebRMS FRK Server - Backup License (RSM002000-K)		PRM	1		Included at no additional cost		
Microsoft SQL Server 2012 R2 Express (Download)		COM	1		Included at no additional cost		
FR for WebRMS Disaster Recovery Redundant Server (RS)							
WebRMS FRK Server - Backup License (RSM002000-K)		PRM	1		Included at no additional cost		
vCenter Server (Disaster Recovery Environment)							
Microsoft SQL Server 2012 R2 Express (Download)		COM	1		Included at no additional cost		
VMware vCenter Server Standard for Hypervisor 5.5 (v. 5) - license - 1 instance (includes 1 year post-shipment Support and Subscription Technical Support)	Disaster Recovery Environment (Data)	COM	1	\$	12,620	\$	12,620
CLIENT ENVIRONMENT							
ICAD Dispatcher Workstations							
1 Dispatcher (PSP0002)	Dispatcher software. Provides scheduling and dispatching functionality.	CAD	1	\$	18,300	\$	18,300
ICAD Administrator / Map Maintenance Workstations							
1 Dispatcher - Test License (PSP000219T)		CAD	1		Included at no additional cost		
1 Map Editor for Archer CC (PSP1194)		CAD	1	\$	4,007	\$	4,007
Map Administration Utility (PSP0002)		CAD	1	\$	18,800	\$	18,800
1 Incident Analyst CC v3/Intelligence Advantage CC (RM000100-K)		CAD	1	\$	9,818	\$	9,818
Mobile Data Computers							
Mobile for Public Safety - Consumer User License (PSP0001)		CAD	175	\$	1,113	\$	193,875
Integrgraph Mobile Browser Client - 30 (30887416) (PSP1204N)		CAD	1	\$	3,000	\$	3,000
WebRMS FRK Client CC (RM01120)		PRM	150	\$	1,500	\$	225,000
WebRMS Workstations							
WebRMS Consumer User License (RM00010)		PRM	700	\$	3,000	\$	2,100,000
Other Hardware and Software							
Dell 420 42U Rack with Doors and Side Panels, 16 Amp, 420-380 Volt, PDU (c/y 4), 10 3.5" bays with Tweaked Keyboard and 17 LCD, PowerEdge T141 - 80 Pet Keyboard Video-Mouse Analog Switch, USB Service Interface Port, 3 years maintenance	Production Environment	COM	1	\$	6,565	\$	6,565
Dell 420 42U Rack with Doors and Side Panels, 16 Amp, 420-380 Volt, PDU (c/y 4), 10 3.5" bays with Tweaked Keyboard and 17 LCD, PowerEdge T141 - 80 Pet Keyboard Video-Mouse Analog Switch, USB Service Interface Port, 3 years maintenance	Disaster Recovery (Backup) Environment	COM	1	\$	6,565	\$	6,565
EMC VNX 560 (SAS) (7) 200GB Fast Cache SSD drives (40) 200GB SAS Two VP drives (12) 1.2TB 15K SAS drives Dual Controllers with (6) 600W power per controller Redundant Filter channel coolants with 30 parts licensed per month 3 years maintenance	Production Environment	COM	1	\$	117,820	\$	117,820
EMC VNX 560 (SAS) (7) 200GB Fast Cache SSD drives (40) 200GB SAS Two VP drives (12) 1.2TB 15K SAS drives Dual Controllers with (6) 600W power per controller Redundant Filter channel coolants with 30 parts licensed per month 3 years maintenance	Disaster Recovery (Backup) Environment	COM	1	\$	117,820	\$	117,820
Professional Services							
Project Management Services		COM	1	\$	719,048	\$	719,048
Project Management Services (related to additional agency interface development and implementation)		ADD	1	\$	303,070	\$	303,070
CAD Implementation Services		CAD	1	\$	329,841	\$	329,841
ERP Implementation Services		PRM	1	\$	301,949	\$	301,949
CAD Interface Implementation Services		CAD	1	\$	207,791	\$	207,791
CAD and WMS Operational Interface Coding Services		ADD	1	\$	81,096	\$	81,096
DE - Direct Impl Services (CAD)		CAD	1	\$	9,240	\$	9,240
DE - Direct Impl Services (WebRMS)		PRM	1	\$	5,000	\$	5,000
CAD Data Conversion Analysis Services		CAD	1	\$	19,890	\$	19,890
ERP Data Conversion Analysis Services		PRM	1	\$	20,420	\$	20,420
CAD Load/Store Tests		CAD	1	\$	1,315	\$	1,315
CAD Support for Ability to Import Raw Cards		CAD	1	\$	4,945	\$	4,945
Mobile Response Implementation Services		CAD	1	\$	15,180	\$	15,180
Test		COM	1	\$	172,900	\$	172,900
Training Services							
ICAD Deployment Training and Configuration (PPT100)		CAD	1	\$	11,514	\$	11,514
ICAD Essentials for City Users (PPT1001)		CAD	1	\$	11,514	\$	11,514
ICAD Assessment (PPT1006)		CAD	1	\$	9,999	\$	9,999
ICAD Essentials for Trainers (PPT1011)		CAD	2	\$	11,514	\$	23,028
ICAD Overview - User/Dispatcher for Trainers (PPT1014)		CAD	1	\$	8,884	\$	8,884
ICAD System Administration & Maintenance Essentials (PPT1017)		CAD	1	\$	11,514	\$	11,514
Map Fundamentals Workshop for ICAD Systems (PPT1020)		CAD	1	\$	8,884	\$	8,884
Map Basics for ICAD Systems (PPT1001)		CAD	1	\$	11,514	\$	11,514
Map Maintenance for ICAD Systems (PPT1003)		CAD	1	\$	9,999	\$	9,999
Map Roll Consulting for ICAD Systems (PPT1004)		CAD	1	\$	11,514	\$	11,514
MAP Assessment (PPT1005)		CAD	2	\$	11,514	\$	23,028

MPI Workflow and Configuration Workshop I (EPST242)	CAD	1	\$	21,028	\$	46,055	
MPI Workflow and Configuration Workshop II (EPST243)	CAD	1	\$	21,028	\$	21,028	
MPI Workflow and Configuration Workshop III (EPST244)	CAD	1	\$	21,028	\$	21,028	
MPI for Trainers (EPST245)	CAD	4	\$	6,989	\$	27,956	
Threat Intel Configuration and Administration (EPST600)	CAD	1	\$	21,028	\$	11,114	
Threat Intel User Training (EPST602)	CAD	1	\$	3,684	\$	6,486	
SIEM for CAD - System Administrator Training (EPST604)	CAD	1	\$	3,684	\$	5,434	
SIEM for CAD - User Training (EPST606)	Other training conducted for same work as Sys Admin Training for SI	CAD	1	4,540	\$	4,540	
SIEM for WABMS - User Training (EPST608)	Other training conducted for same work as Sys Admin Training for SI	PRMS	1	3,404	\$	5,434	
SIEM for WABMS - System Administrator Training (EPST610)	Other training conducted for same work as Sys Admin Training for SI	PRMS	1	4,540	\$	4,540	
WABMS System Overview & Configuration Training (EPST251)	PRMS	1	\$	9,999	\$	9,999	
TRK for WABMS System IT Administrative Training (EPST252)	PRMS	1	\$	9,999	\$	9,999	
TRK System Overview and Configuration Training (EPST253)	PRMS	1	\$	9,999	\$	9,999	
WABMS System Administrator Training Course (EPST254)	PRMS	1	\$	9,999	\$	9,999	
WABMS User Training (EPST255)	PRMS	1	\$	11,114	\$	46,056	
TRK for WABMS User Training (EPST256)	PRMS	1	\$	9,999	\$	39,998	
WABMS Reports and Dashboards (EPST257)	PRMS	1	\$	9,999	\$	9,999	
EdgeProtekt Developer Training	COM	1	\$	20,000	\$	20,000	
Shipping, Installation, Binds, System, Insurance, Warranty							
Shipping and Insurance	COM	1	\$	6,914	\$	6,914	
System Administration for SI	COM	1	\$	500	\$	500	100
Business Intelligence software systems during implementation period	COM	1	\$	7,588	\$	7,588	
Hardware Shipping & Installation Services	COM	1	\$	63,438	\$	63,438	
Hardware Shipping & Installation Services	ASIS	1	\$	14,987	\$	14,987	
TOTAL SYSTEM BASE PRICE:							
Sub-Total Exclusive of Discount, Extended Warrants, Maintenance, Options & Taxes						\$ 30,246,874	\$ 1,951,460
<i>Two Year System Discount</i>						<i>\$ 3,629,397</i>	
Sub-Total Exclusive of Extended Warrants, Maintenance, Options & Taxes						\$ 4,646,477	\$ 1,951,460
First Year Integrate Maintenance (Extended Software Warranty)						\$ 1,201,491	
Second Year Integrate Maintenance (Extended Software Warranty)						\$ 1,087,796	
Third Year Integrate Maintenance (Extended Software Warranty)						\$ 96,908	
Grand Total Exclusive of Taxes						\$ 7,886,216	
Second Year 3rd Party Software Maintenance after warranty	COM	1	\$	164,994	\$		
Third Year 3rd Party Software Maintenance after warranty	COM	1	\$	1,136,968	\$		
Maintenance Year 1 - Upgrade Program (First Upgrade - Inclusive 1 of 3)	CAD	1	\$	188,000	\$		
Third Year 3rd Party Software Maintenance	COM	1	\$	1,102,004	\$		
Third Year Software Maintenance	COM	1	\$	1,171,818	\$		
Hardware Setup & Installation Services for Hardware Refresh during maintenance	COM	1	\$	34,596	\$		
Maintenance Year 1 - Upgrade Program (First Upgrade - Inclusive 1 of 3)	CAD	1	\$	188,000	\$		
Fourth Year 3rd Party Software Maintenance	COM	1	\$	1,017,714	\$		
Fourth Year Software Maintenance	COM	1	\$	1,201,497	\$		
Maintenance Year 4 - Upgrade Program (First Upgrade - Inclusive 1 of 3)	CAD	1	\$	188,000	\$		
COM Year 3rd Party Software Maintenance	COM	1	\$	121,488	\$		
COM Year Software Maintenance	COM	1	\$	1,293,078	\$		
Total for Additional Four Years' Maintenance after Extended Warranty						\$ 5,681,246	
Other Components & Licenses							
CAD Sub-System	CAD	1	\$	4,289,028	\$		719,776
Police RMS Sub-System	PRMS	1	\$	2,991,716	\$		319,328
Additional Agency Costs	ASIS	1	\$	1,003,298	\$		12,443
Custom Items	COM	1	\$	2,043,912	\$		29,558
System Discount	DIS	1	\$	(3,606,955)	\$		(187,720)
Total Price for Complete System						\$ 8,646,479	\$ 1,343,737
Options							
Support management services are not included and implementation services are not included. Third party product prices are added for only when Integrate can provide a valid quote when options items are selected.							
Optional (Not a part of the price)							
CAD Fit & Gap	CAD	1	\$	95,911	\$	96,975	
CAD Requirements Analysis, Design	CAD	1	\$	147,350	\$	127,150	
WABMS Fit & Gap Analysis	PRMS	1	\$	35,744	\$	31,754	
WABMS Requirements Analysis, Design	PRMS	1	\$	41,368	\$	31,158	
CAD Resident Systems Analyst (Year 1)	CAD	1	\$	245,174	\$	245,174	
RMS Resident Systems Analyst (Year 1)	PRMS	1	\$	245,174	\$	245,174	
Optional (Not a part of Standard Products and Services)							
1150MCA Online (EPST48-2)	Free Programs Provided	CAD	1	11,330	\$	11,180	2,806
1150MCA to RMS (EPST49-1)	ASIS	1	\$	11,330	\$	11,180	2,806
1150MCA to RMS (EPST49-2)	Integratd	CAD	1	11,330	\$	11,180	2,806
1150MCA Online (EPST48)	Full Provided	CAD	1	11,330	\$	11,180	2,806
1150MCA for RMS - For additional enterprise-wide desktop (EPSCADU3T-1)	ASIS	1	\$	1,444	\$	1,444	
Optional (Not a part of Standard Products and Services)							
CAD EdgeProtekt Custom Interface for Police Alerts/Police Alerts Using data transfer from CAD to NubMS (EPSCADU3T-1)	CAD	1	\$	14,444	\$	14,444	2,889
RMS EdgeProtekt Customization for DACRA interface (RMS) (EPSCADU3T-2)	1-way Import	PRMS	1	25,011	\$	25,011	4,666
RMS EdgeProtekt Customization for Tractor - Visual Database Interface (RMS) (EPSCADU3T-3)	1-way Import	PRMS	1	23,011	\$	23,011	4,666
RMS EdgeProtekt Customization for Cop/Logs Interface (EPSCADU3T-10)	1-way Import	PRMS	1	23,011	\$	23,011	4,666
RMS EdgeProtekt Customization for Lexis-Nexis Interface (RMS) (EPSCADU3T-18)	1-way export Import from multiple agency databases. Assures that Lexis-Nexis vendor will push data to Integrate with service and push the data to Integrate preferred XML format	PRMS	1	58,323	\$	58,323	11,666
RMS EdgeProtekt Customization for APPREX interface (RMS) (EPSCADU3T-20)	1-way export Import from multiple agency databases. Assures that APPREX vendor will push data to Integrate with service and push the data to Integrate preferred XML format	PRMS	1	58,323	\$	58,323	11,666
RMS Online interface (RMS) (EPSCADU3T-12)							
RMS EdgeProtekt Customization for Import Interface for Person Information from Lexis/Online (EPSCADU3T-11)	1-way Import	PRMS	1	23,011	\$	23,011	4,666
Custom Section for Database Query Interface for Lexis/Online (EPSCADU3T-EPSCADU3T-10)	Query Interface	CAD	1	43,032	\$	43,032	8,606
RMS Customization for Illinois State Specific OCR Reports (EPSCADU3T-11-1)	OCR Federal Standard would be all read as the COFS Item of the OCR utility	PRMS	1	82,216	\$	82,216	16,443
RMS EdgeProtekt Customization for SI-DM admission support (EPSCADU3T-9)	1-way Export	PRMS	1	68,883	\$	68,883	7,777
CAD Interface to NRE (Under View) (EPSCADU3T)	Consulting resources to assist third party with installing CAD Visual View	CAD	1	1,444	\$	1,444	
ECOT Interface (RMS) (EPSCADU3T-15)		PRMS	1	62,526	\$	62,526	12,443
CAD EdgeProtekt Custom Interface to Security Information Systems (SIS) Alarm System (EPSCADU3T-1)		CAD	1	14,444	\$	14,444	2,889
CAD EdgeProtekt Custom Interface to Security Information Systems (SIS) Alarm System - For additional agency database instance	For additional agency database instance	ASIS	3	7,792	\$	23,775	4,675
Optional (Not a part of the price)							
ANSI A12 (Included with 1150MCA) (ANSI-A12)							
Master Clock Interface (CONTS)							
ProQA Interface (Included with 1150MCA) (PROQA)							
1 Executive High Availability - Training License	CAD	1	\$	16,720	\$	16,720	16,800
1 NetWorker - 3 commercial users - Training License	CAD	1	\$	3,563	\$	3,563	2,368
1 NetWorker - 3 commercial users - Training License	CAD	1	\$	13,912	\$	13,912	1,739

EdgeFrontier Business Engine - Training License (EP50642-TBN)		CAD	1	\$	10,000	\$	10,000	\$	4,800
2D/3D - Training License (EP50643-TBN)		CAD	1	\$	10,000	\$	10,000	\$	4,800
2D/3D Data Terminal - Training License (EP50644-TBN)		CAD	1	\$	24,400	\$	24,400	\$	10,120
2D/3D - Training License (EP50645-TBN)		CAD	1	\$	15,913	\$	15,913	\$	7,542
WebRMS Server License - Training License		PERM	1	\$	45,500	\$	45,500	\$	20,550
WebRMS TSK Server - Training License		PERM	1	\$	14,500	\$	14,500	\$	6,921
Apache License (Open Download)		COM	1				Included at no additional cost		
Crystal Reports for Crystal		COM	1				Included at no additional cost		
EdgeFrontier Business Engine - Training License (EP50642-TBN)		PERM	1	\$	10,000	\$	10,000	\$	4,800
Intergraph WebRMS Content for Legal Training - (BN 10752001) (BN)		PERM	1				Included at no additional cost		
Standard and Custom Interfaces - Test, Training, Enhancement and Backup Copies of proposed interfaces are available for all Interface Server, however, implementation is subject to the customer's ability to provide connectivity to the applicable system.			1						
Intergraph IQE - Server 2002 ENT Edition (LINTIME) - 2 user pack (TLQ-40001)	WebRMS Database / Application / Interface / TSK Training Server	COM	4	\$	5,000	\$	20,000	\$	9,376
Intergraph IQE - Server 2002 ENT Edition (LINTIME) - 2 user pack	CAD Database / Interface / Communications Training Server	COM	4	\$	5,000	\$	20,000	\$	9,376
Intergraph Intergraph Mobile Substation									
Intergraph Mobile Response Client - 800 3444 CALA (EP42040)		CAD	1	\$	22,500	\$	22,500	\$	1,125
Intergraph Mobile Response Client - 800 3444 CALA (EP42040)		CAD	1	\$	205,230	\$	205,230	\$	10,116
Intergraph Mobile Response Client - 800 Smartphone CALA (EP512015)		CAD	1	\$	15,000	\$	15,000	\$	7,425
Intergraph Mobile Response Client - 800 Smartphone CALA (EP512015)		CAD	1	\$	27,500	\$	27,500	\$	13,425
Intergraph Training									
LEAD Essentials for Users (TTT) (EP427804)		CAD	1	\$	11,514	\$	11,514	\$	5,585
LEAD Trainer Consulting (TTT) (EP42810)	Custom Training Documents	CAD	1	\$	19,000	\$	19,000	\$	9,245
LEAD Trainer Consulting (TTT) (EP42810)	Building Training Prep	CAD	1	\$	11,514	\$	11,514	\$	5,585
WebRMS Customized Training (EP428000) - See Month Reference		PERM	1	\$	9,000	\$	9,000	\$	4,350
Total Price for All Options							\$ 1,808,580		241,926

Notes:

1. An overall system discount has been provided for this opportunity. This discount is applicable only to Intergraph Products and Services. Third-party content is not discounted. Changes in scope of the final contract may change the discount amount. Also, any credits given for late items as part of a Change Order will include a reduction for the late provided amount of the overall system discount. Items received after contract signing will result in a contract credit for future Intergraph software and services being established, not a contract reduction. This discount is based on the components of Intergraph's standard Terms and Conditions.
2. Unless otherwise noted, project management services, implementation services and software maintenance ARE NOT included in option pricing. Intergraph services are valid for 6 months and Intergraph product pricing is valid for one year after contract signing. Pricing for optional third party products and services are valid for 60 days from the date on this pricing proposal. Intergraph can provide a fixed quote when optional items are selected.
3. Standard and Custom Interfaces - Test, Training, Enhancement and Backup Copies of proposed interfaces are available for all Interface Server, however, implementation is subject to the customer's ability to provide connectivity to the applicable system.
4. Intergraph has based its WebRMS license offering upon the following assumptions: The number of users indicated as requiring RMS access (2,000) is the total number of users. The Company would have no more than 1/3 of its total number of users logged on to RMS workstations at any one time for purposes including, but not limited to, resource management, reporting, and online analysis. The quantity and price of select user licenses will be adjusted to reflect actual usage at time of contract negotiation.
5. Sales tax is not included in this quote. Final sales tax billiard will reflect the applicable tax rates of those of state as required by law.
6. EdgeFrontier Developer License can be installed on up to two separate servers for use in the development of CAD and RMS interfaces. The Developer Instance of the license is usually installed on the Test Interface Server.



DuPage Digital Justice Information System RMS Staffing Overview

This document describes the recommended staffing for RMS based on Intergraph recommendations and DuPage County Human Resource job descriptions and salary matrix.

It is anticipated that these positions will be hired near the mid-range of the matrix. This could be adjusted up if the candidate has substantial experience in the Intergraph product.

Position	Salary Grade	Salary Range		
		Low	Mid	High
RMS Manager	315	\$71,821	\$95,760	\$119,700
Data Base Administrator	314	\$62,305	\$83,075	\$103,843
Report Writing Specialists (2)	312	\$48,137	\$64,184	\$80,228

The dollars included in the Agency Estimated Costs is:

Position	Salary Grade	Salary Range		
		Salary	Benefit (40%)	Total
RMS Manager	315	\$100,000	\$40,000	\$140,000
Data Base Administrator	314	\$80,000	\$32,000	\$112,000
Report Writing Specialists (2)	312	\$60,000	\$24,000	\$84,000

The salary calculations included in the Agency Cost Estimate include forty percent (40%) for benefits. In addition a two percent (2%) COLA has been added to each year of the program. Although not guaranteed, this COLA is consistent with DuPage County past practice and is only included to allow you budget appropriately.

It is important to remember that these are estimates based on known practices and information. It is possible that these costs could be lower.

RMS Manager:

The employee in this class is responsible for implementing, planning, managing and directing the DuPage County Justice Information System Law Enforcement Records Management System ("Records Management System") Employee manages the appropriate relationships, budget, projects and staffs within the department. Work requires the ability to exercise a high degree of technical expertise and competency in order to effectively research, recommends and implement a records management system that successfully meets the needs of all Elected Officials, Municipal Governments, County Departments, and Quasi-Governmental Organizations. Administrative direction is received from the Chief Information Officer. Management direction is provided to subordinate manager/supervisors.

As project manager for this system, this position will be responsible for overseeing all on-site project related activities and for assisting the Intergraph Project Manager in developing and managing implementation schedules and coordinating activities and personnel.

Data Base Manager:

The use of the system administration tools within the applications is included in training. However, this position should be filled by resources fully trained in database management and system maintenance. This position reports to the RMS Manager.

Report Writing Specialists:

Ability and background to create custom reports based on defined content provided by administrative and supervisory personnel. Report Writing Specialists should be familiar with the database structure. Knowledge of SQL would be a definite advantage. This position reports to the RMS Manager.



DuPage Digital Justice Information System Additional Cost Worksheet

As stated in the cover letter, DuPage ETSB will be providing the CAD system including the mobile software/interface and the initial funding (with a reimbursement schedule) for RMS and interfaces ("Friends of CAD") not specific to the delivery of 911 services. The following additional costs have also been identified:

CPU/Mobile Hardware:

In order to operate properly with the new CAD system. Hardware that does not meet the specifications below will not be allowed on the system. Hardware should have the following specifications:

Mobile Computers:

Windows 7 Pro, 64 bit I3 or greater processor
4GB RAM
80 GB HD
1,024x768 resolution
Centronics port for printing (if appropriate)
Network connection (if to be docked on the network)
Touch Screen Preferred.

WebRMS Workstations (desk tops) or CPUs:

Windows 7 Pro, 64 bit

DuPage ETSB will do an RFP for hardware to facilitate a purchasing contract for equipment. Each agency will be responsible to fund any replacement hardware for mobile or desk top computers. The goal would be to receive all of the equipment so that tech personnel can load and configure the hardware properly prior to deployment/implementation. The letter of intent will have a handout that asks for the number of devices you would be replacing in order to provide a range for the RFP. This RFP will be let as soon as data is collected.

Network:

The Technology Team for this project is working on a RFP to replace the SONET. CAD and Friends of CAD as well as Customer Premise Equipment (CPE-the 911 call handling devices) will run on this network. DuPage ETSB will pay for the connections between the PSAPs (with the exception of Naperville). Connectivity in the network for RMS and any other interfaced systems will be the responsibility of user agency. The RFP was let and returned May 31, 2016. The RFP will ask for several connectivity options. User agencies will have the opportunity to select their preferred network connection. This information is provided to user participants to assist with overall costs. It is an option and participant users may do their own connection but it will have to be approved by ETSB before it can connect into the system or a PSAP. This approval is only to ensure network system capacity and stability.

Wireless Network for Mobile Terminals:

DuPage ETSB will continue to fund the cost of the wireless interface. This RFP will be for air cards (or wireless activation assuming mobiles have internal wireless capability). While user agencies may currently have their own contracts for this service, the hope is that a county-wide contract may reduce the cost to the user agencies.

Fire Station Alerting:

DuPage ETSB is working with the Fire work group and will let an RFP to determine the feasibility of an updated, interoperable fire station alerting system.



DuPage Digital Justice Information System Address Point File Workflow Description

The new CAD system will be X/Y coordinate driven. For this reason the GIS map will be a critical piece of the core data base. This document will describe the workflow steps for updating the countywide address point file that will be used by E911 and other taxing organizations within DuPage County.

Municipal and County Input:

To create the new GIS map, agency participants that have address point data in either ESRI Geodatabase or ESRI shapefile should submit these files via etsb911@ducomm.org. This would also be the time to update any boundaries, police beats/zones, fire beats/zones. If you do not have this data, please submit a Trakit ticket, indicating this so that the GIS team can work with you to ensure your information is ready for the new system.

Once the system is implemented, each agency participant will be submitting their address point file updates through a web based GIS application. The users will be able to add their address updates through a map interface. Update and edit tools will be provided within the application. A workflow map is provided.

Address Update & Approval to E911:

Once the updated address points are complete an email and or other form of notification will be sent to ETSB GIS staff. At this step, the tentative point address will be reviewed and cross referenced by the MSAG data. If the address does not meet the standard needed for E911, the ETSB GIS staff will work with the respective municipality to correct and workout any issues that have arisen in the data review.

If the address does not meet the business rules established by the Tech Committee based on software capability, a respective municipal entity or the County may be asked to make a requested correction due to a discrepancy in the addressing. It is important that participants work with the GIS Team prior to annexations to avoid unnecessary delays in the annexation process or 911 mapping entry for an address within our service area.

When an address or corrected address is complete, another review will take place by ETSB GIS staff. Once the address is reviewed, approved and posted, this address point data will be uploaded to the Intergraph CAD system and also be available to others for their various address mapping needs.

Various Types of Data:

There is a county-wide address point file. We have completed all the unincorporated areas within DuPage County and we are currently obtaining address point data from all of the County's incorporated municipal governments. To date, 16 out of the 32 municipal entities address data here in DuPage County and are currently appending them to the county wide address point file. Once we have the county address point file appended and completed with all of the address data, we will be able to share this data back to those entities that did not have a GIS format.

Recommendation:

One of the greatest challenges to any GIS map and CAD software is the alpha numeric address (i.e. 21W241). Going forward we would recommend that participants adopt ordinances to eliminate this type of addressing.