VILLAGE OF DOWNERS GROVE
Report for the Village Council Meeting
7/5/2016

SUBJECT:	SUBMITTED BY:
Resolution to Execute a Letter of Intent to Participate in the DuPage Justice Information System	Kurt Bluder Chief

SYNOPSIS

A Resolution has been prepared authorizing execution of a Letter of Intent to participate in the County-wide Computer Aided Dispatch and Records Management System (CAD/RMS) known as DuJIS (DuPage County Justice Information System).

Participation in the DuJIS project will:

- Reduce average annual costs by about $65,000; and
- Improve service levels by reducing redundant data entry and allowing all participating entities to share information

STRATEGIC PLAN ALIGNMENT

The goals for 2015-17 include *Exception Municipal Services*. *Identify & Execute a Major Consolidation* is a Top Priority Action Item.

FISCAL IMPACT

Participation in DuJIS will reduce the average annual cost of the CAD/RMS over the next five years from approximately $185,000 to about $120,000.

RECOMMENDATION

Approval on the July 12, 2016 Active Agenda

BACKGROUND

The Village currently owns and operates its own CAD/RMS. This system of hardware and software assists in providing emergency call information to first responders, completing emergency incident reports and managing archived information and reports.

The Village system is past its useful life and is scheduled for replacement as soon as possible. The system is not fully integrated in that it requires the entry of the same data at multiple points. Further, the Village system is not able to communicate with DuPage County or other police and fire departments. The average annual cost of maintaining the current Village CAD/RMS over the next five years, including replacement, is about $185,000.

DuPage County and DuPage County Emergency Telephone Safety Board (ETSB) are working together to purchase and implement a County-wide integrated CAD/RMS known as DuJIS. The ETSB will own, operate and maintain the system. Further, the ETSB will pay for all costs of the first two components of the system (CAD and In-Vehicle Mobile Data & Mapping). Each participating entity will be required to reimburse the ETSB for its pro-rata share of the costs of the Field Reporting and RMS components of the system. The average annual cost to the Village of participating in the DuJIS system is estimated to be about $120,000. The actual cost will be determined later this year. The cost includes all hardware, software, system maintenance and support and contributions to an equipment replacement fund.

CAD/RMS consists of four components:

Computer Aided Dispatch - When a dispatcher receives a 9-1-1 call, the name, address, and nature of the call is entered into the CAD system. The information is transmitted from CAD directly to the first responders' in-vehicle computers.

In-Vehicle Mobile Data & Mapping - First responders receive information about the call on their in-vehicle computers, including maps of the response area. Responding staff members use this system to send and receive information to each other and the dispatch center. This system is also used to access federal and State law enforcement databases.

Field Reporting - This system allows police officers to complete incident reports in their vehicles. Completed reports are automatically sent to the Records Management System.

Records Management System - This system stores all Police and Fire Departments reports and the information entered into the CAD system. It is used to retrieve historical data, respond to resident requests for information and conduct analyses.

Benefits of the new system include:

Improved Service Level - The DuJIS will be fully integrated, eliminating the need to enter the same data at multiple points. Further, the system will allow all participating police and fire departments to share information.

Reduced Costs - The average annual cost of participating in DuJIS over the next five years is about $120,000, approximately $65,000 per year less than maintaining the Village-owned system.

Participation requires the following:

Resolution Approving a Letter of Intent - The County and ETSB are requiring each participating entity to submit a Council-approved Letter of Intent to participate. The Letters of Intent are required to be submitted as soon as possible. The County and ETSB will use the Letters of Intent to finalize the contract with the CAD/RMS vendor, including final pricing. The County and ETSB anticipate finalizing the contract in August, 2016.

Executing an Intergovernmental Agreement with the County - Upon the County's execution of the contract with the CAD/RMS vendor, the County will require each participating entity to execute

an IGA which will include the final terms and conditions of using the system. The County anticipates that the IGA's will be ready for execution in the fall of 2016.

The DuJIS implementation schedule calls for design and installation from September 2016 through September 2018 with implementation from October 2018 through the end of 2019.

Because the Village will be receiving dispatching services from DU-COMM beginning in summer 2017, the Village will experience a two-step transition process. DU-COMM uses a different CAD and In-Vehicle Mobile Data & Mapping system than the Village. From the time DU-COMM begins providing services until the implementation of the DuJIS system, the Village will use its Field Reporting and Records Management System in conjunction with DU-COMM's system.

ATTACHMENTS

Resolution
Letter of Intent

RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING THE EXECUTION OF
A LETTER OF INTENT TO PARTICIPATE IN THE
DU PAGE COUNTY JUSTICE INFORMATION SYSTEM (DUJIS)**

BE IT RESOLVED by the Village Council of the Village of Downers Grove, DuPage County, Illinois, as follows:

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 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 (LE RMS) used throughout the County; and

WHEREAS, the Village Council of the Village of Downers Grove 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 Council of the Village of Downers Grove desires to participate in the DuJIS System;

NOW THEREFORE BE IT RESOLVED THAT the Mayor, Martin Tully, 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

SECTION 1.   That the Village Clerk shall transmit copies of this Resolution to the State's Attorney and the Chairman of the ETSB forthwith; and further

SECTION 2.   That the Mayor is authorized to withdraw the Letter of Intent if the ETSB determines that the estimated cost to the Village of Downers Grove will increase by more than ten percent (10%) beyond the projection supplied by the ETSB.

SECTION 3.   That all resolutions or parts of resolutions in conflict with the provisions of this Resolution are hereby repealed.

SECTION 4.   That this Resolution shall be in full force and effect from and after its passage as provided by law.

_____
Mayor

Passed:
Attest:_____
Village Clerk

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July 5, 2016

Hon. Robert B. Berlin   Hon. Gary Grasso, Chairman
DuPage County State's Attorney   Emergency Telephone System Board (ETSB)
503 N. County Farm Rd.   421 County Farm Rd.
Wheaton, Illinois 60187   Wheaton, Illinois 60187

Dear State's Attorney Berlin and Chairman Grasso:

This letter is to confirm the intention of the Village Council of the Village of Downers Grove to participate in the DuPage County Justice Information System (DuJIS). I am advising you that the Village Council authorized me to execute this letter on its behalf in accordance with the resolution which I have attached. The Village Council makes this representation after its review of the following documents provided by the ETSB on June 2, 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 (LE RMS) Staffing Overview
- Additional Costs Summary
- GIS Work Flow and Addressing Ordinance

The Village Council 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 Council understands and expects that the ETSB will notify it prior to contract award if the estimated cost to the Village of Downers Grove increases by more than ten percent (10%).

Sincerely,

Martin T. Tully
Mayor

VILLAGE OF DOWNERS GROVE

Enclosure

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.

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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.

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Organizational Structure:
Upon project commencement, the County will retain a Report Management System (RMS) Manager though it's 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.

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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.

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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

Item Description By Functional Use	Purpose	Cate-gory	Qty	US$ Unit Price	US$ Total Price	US$ Software Maint.
PRODUCTION ENVIRONMENT						
Production Environment Host Servers						
Dell PowerEdge R630 – Two 22-Core Processors; 384GB RAM; vSphere EnterprisePlus v6.x (Q2); Dual Internal SD Cards for OS; DVD-ROM Combo Drive; Quad Port 1GB NIC; HBA; Dual Redundant Power Supplies; 6 year Pre-Paid ProSupport and Mission Critical Package (4-hours 7x24 on-site support)	Production Environment Host Servers	COM	6	$ 33,750	$ 202,500	
Microsoft Windows Server 2012 R2 Datacenter	Production Environment (Base)	COM	6	$ 5,816	$ 34,896	
CAD Database Server #1						
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack (7LQ-00001)	CAD Database Server #1	COM	6	$ 7,900	$ 47,400	$ 8,064
I/Executive High Availability (IPS0001HA)	Monitors CAD system transactions. Includes ANI/ALI	CAD	1	$ 73,459	$ 73,459	$ 16,800
CAD Database Server #2						
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack	CAD Database Server #2	COM	6	$ 7,900	$ 47,400	$ 8,064
Microsoft Visual Studio Professional 2012		COM	1	$ 580	$ 580	$ 139
CAD Archive / Reports / Web Server						
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack (7LQ-00001)	CAD Archive / Reports / Web Server	COM	6	$ 7,900	$ 47,400	$ 8,064
I/Backup - No Cost License (IPS0035NC)	Facilitates backup of the CAD database to this tertiary server	CAD	1	Included at no additional cost		
CAD Web Server						
I/NetViewer - 200 users		CAD	1	$ 171,959	$ 171,959	$ 35,544
I/NetDispatcher - 25 concurrent users (IPS0045f)		CAD	1	$ 111,300	$ 111,300	$ 23,004
Business Intelligence Direct Server						
BIDirect for inPURSUIT WebRMS (includes 20 CC User Licenses) (SBND3090L)		PRMS	1	$ 24,000	$ 24,000	$ 5,904
SAP BusObj Intl Plat for Direct - 20 CC - Comp (IPS21183C)		PRMS	1	$ 11,400	$ 11,400	$ 2,820
Business Intelligence Direct for CAD Bundle - 10 NUL (SBND3081L)		CAD	1	$ 18,000	$ 18,000	$ 4,296
SAP BusObj Intl Plat for Direct - 10 NUL - Comp (IPS21006C)		CAD	1	$ 8,700	$ 8,700	$ 2,052
Business Intelligence Direct WebRMS Database Server						
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack (7LQ-00001)	Business Intelligence Direct WebRMS Database Server	COM	6	$ 7,900	$ 47,400	$ 8,064
Interface / Communications Load Balanced Servers #1-3						
ANI-ALI (Included with I/Executive)	Automatic Number Identification/Automatic Location Identification	CAD	1	Included at no additional cost		
Master Clock Interface		CAD	1	Included at no additional cost		
ProQA Interface (Included with I/Dispatcher)		CAD	1	Included at no additional cost		
I/Informer (IPS0004)		CAD	1	$ 24,486	$ 24,486	$ 5,064
Custom Services for I/Informer to State and LEADS/NCIC Message Switch (IPSCADCUST-IPS0004-A)	Allows query to external interfaces	CAD	1	$ 28,888	$ 28,888	$ 5,778
Custom Services for I/Informer to ICLEAR (IPSCADCUST-IPS0004-B)		CAD	1	$ 14,444	$ 14,444	$ 2,889
Custom Services for I/Informer to DMV Image Support (IPSCADCUST-IPS0004-C)		CAD	1	$ 21,666	$ 21,666	$ 4,333
Custom Services for I/Informer to FIREHOUSE FireRMS (IPSCADCUST-IPS0004-E)		CAD	1	$ 7,222	$ 7,222	$ 1,444
Custom Services for additional I/Informer Queries to State Message Switch (CQH, CQR, Handicap Placard, and FOID and to support name soundex) (IPSCADCUST-IPS0004-F)	Assumes one Legacy RMS System Database	CAD	1	$ 28,888	$ 28,888	$ 5,778
Custom Services for I/Informer to OffenderWatch System (IPSCADCUST-IPS0004-G)		CAD	1	$ 14,444	$ 14,444	$ 2,889
Informer Transactions for Mobile Responder (IPSCADCUST-7)		CAD	1	$ 7,222	$ 7,222	$ 1,444
I/Informer Nested Queries (IPSCADCUST-22)		CAD	1	$ 26,664	$ 26,664	$ 5,333
I/Informer for WebRMS NL (IPS0004WR)		CAD	1	Included at no additional cost		
EdgeFrontier Runtime Engine (IPS3042)		CAD	1	$ 20,000	$ 20,000	$ 4,800
CAD EdgeFrontier Custom Interface for Alerts and Flags requirements support (IPSCADCUST-3)		CAD	1	$ 14,444	$ 14,444	$ 2,889
CAD EdgeFrontier Custom Interface for Call Stacking/Queuing Support (IPSCADCUST-4)		CAD	1	$ 4,333	$ 4,333	$ 867
I/Page (IPS0012)		CAD	1	$ 22,260	$ 22,260	$ 4,596
I/Telephone Device for Deaf - Zetron (IPS0018)		CAD	1	$ 11,130	$ 11,130	$ 2,304
I/FRMS-CADlink (IPS0048-1)	FireHouse FireRMS	PRMS	1	$ 11,130	$ 11,130	$ 2,304
I/Fire Station Alerting (IPS0052)	Station Alerting System	CAD	1	$ 11,130	$ 11,130	$ 2,304
I/Deccan LiveMUM Interface (IPS0065)		CAD	1	$ 5,565	$ 5,565	$ 1,332
Smart 911 Interface (IPSCADCUST-6)		CAD	1	$ 21,666	$ 21,666	$ 4,333
I/FRMSLink for Firehouse - Per additional endpoint/third-party database (IPSCADCUST-9)	Per additional endpoint/third-party database Assumption: All are on the same protocol and each agency database has its own CAD Monitor from FIREHOUSE.	ADD	26	$ 1,444	$ 37,554	
Custom Services for I/Informer to FIREHOUSE FireRMS - Per additional agency/database (IPSCADCUST-11)		ADD	26	$ 1,444	$ 37,554	
Smart 911 Interface - Per additional PSAP/Connection (IPSCADCUST-10)	Per additional PSAP/Connection	CAD	4	$ 16,250	$ 64,998	$ 13,000
Interface / Communications Load Balanced Redundant Servers #1-3 (hot failover)						
ANI-ALI (Included with I/Executive) (ANI-ALI)		CAD	1	Included at no additional cost		
Master Clock Interface (XNTP)		CAD	1	Included at no additional cost		
ProQA Interface (Included with I/Dispatcher) (PQA)		CAD	1	Included at no additional cost		
I/Informer - Redundant License (IPSCADCUST-IPS0004RDT)		CAD	1	$ 17,140	$ 17,140	$ 3,540
I/Informer for WebRMS NL - Redundant License (IPS0004WRRDT)		CAD	1	Included at no additional cost		
EdgeFrontier Runtime Engine - Redundant License (IPS3042-RDT)		CAD	1	$ 14,000	$ 14,000	$ 3,360
I/Page - Redundant License (IPS0012RDT)		CAD	1	$ 15,582	$ 15,582	$ 3,216
I/Telephone Device for Deaf - Zetron - Redundant License (IPS0018RDT)		CAD	1	$ 7,791	$ 7,791	$ 1,608
Standard and Custom Interfaces – Test, Training, Redundant and Backup Copies of proposed interfaces are available for all Interface Server, however, implementation is subject to the customer's ability to provide connection to the applicable system.			1			
Mobile Data Server #1						
I/Mobile Data Terminal (IPS0009)		CAD	1	$ 48,972	$ 48,972	$ 10,128
I/Tracker (IPS0015)		CAD	1	$ 27,825	$ 27,825	$ 5,724
Mobile Data Server #2 (Load Balanced)						
I/Mobile Data Terminal (IPS0009)		CAD	1	$ 48,972	$ 48,972	$ 10,128
I/Tracker (IPS0015)		CAD	1	$ 27,825	$ 27,825	$ 5,724
Mobile Data Server #3						
I/Mobile Data Terminal (IPS0009)		CAD	1	$ 48,972	$ 48,972	$ 10,128
I/Tracker (IPS0015)		CAD	1	$ 27,825	$ 27,825	$ 5,724
Intergraph Mobile Responder Server (251-750 Users) Bundle (SBND3207L)		CAD	1	$ 40,000	$ 40,000	$ 9,144
WebRMS Database Server #1						
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack (7LQ-00001)	WebRMS Database Server #1	COM	6	$ 7,900	$ 47,400	$ 8,064
WebRMS Database Server #2						
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack (7LQ-00001)	WebRMS Database Server #2	COM	6	$ 7,900	$ 47,400	$ 8,064
WebRMS Application Clustered Server #1 thru #4						
WebRMS Server License (RMS0016)	WebRMS Environment Server License to be installed on applicable WebRMS Production Application Servers	PRMS	1	$ 87,000	$ 87,000	$ 20,820
Apache Tomcat 6 (Free Download)		COM	5	Included at no additional cost		
Crystal Reports for Eclipse		COM	5	Included at no additional cost		
WebRMS Application Clustered Redundant Server (#5)						
WebRMS Server License - Redundant License (RMS0016RDT)		PRMS	1	$ 60,900	$ 60,900	$ 14,580
WebRMS Interface Load Balanced Servers #1-3						
EdgeFrontier Runtime Engine (IPS3042)		PRMS	1	$ 20,000	$ 20,000	$ 4,800
Intergraph WebRMS Connect for EdgeFrontier (IPS2043)		PRMS	1	Included at no additional cost		
RMS EdgeFrontier Customization for BEAST Interface (RMS) (IPSRMSCUST)	Bi-Directional	PRMS	1	$ 27,220	$ 27,220	$ 5,444
RMS EdgeFrontier Customization for APS Virtual Partner 2 interface (RMS) (IPSRMSCUST-1)	1-way Import	PRMS	1	$ 23,331	$ 23,331	$ 4,666

Description	Notes	Type	Qty	Unit	Extended	Maint
RMS EdgeFrontier Customization for Motorola Offendertrak interface (RMS) (IPSRMSCUST-4)	Bi-Directional (Sheriff's Office)	PRMS	1	$ 31,108	$ 31,108	$ 6,222
RMS EdgeFrontier Customization for LiveScan interface (RMS) (IPSRMSCUST-5)	Bi-Directional	PRMS	1	$ 15,554	$ 15,554	$ 3,111
RMS EdgeFrontier Customization for LiveScan interface (RMS) (IPSRMSCUST-5-1)	Bi-Directional	ADD	4	$ 15,554	$ 62,216	$ 12,443
RMS EdgeFrontier Customization for OffenderWatch Interface (RMS) (IPSRMSCUST-6)	1-way Export (Sheriff's Office)	PRMS	1	$ 23,331	$ 23,331	$ 4,666
RMS EdgeFrontier Customization for State's Attorney's Office (SOP) interface (RMS) (IPSRMSCUST-7)	1-way Export	PRMS	1	$ 29,164	$ 29,164	$ 5,833
RMS EdgeFrontier Customization for DuPage Court System (DUCS) interface (RMS) (IPSRMSCUST-8)	Bi-Directional	PRMS	1	$ 93,324	$ 93,324	$ 18,665
Capita Case Probation Management interface (RMS) (IPSRMSCUST-13)	Vendor View	PRMS	1	$ 7,777	$ 7,777	$ 1,555
FBI/NIBRS Submission (RMS) (IPSRMSCUST-14)		PRMS	1	$ 4,666	$ 4,666	$ 933
RMS to I/Informer for LEADS/NCIC Queries (IPSRMSCUST-16)		PRMS	1	$ 7,777	$ 7,777	$ 1,555
RMS to I/Informer for ICLEAR Queries (IPSRMSCUST-17)		PRMS	1	$ 7,777	$ 7,777	$ 1,555
RMS EdgeFrontier Customization for BEAST Interface (RMS) - for Each additional code table configuration (IPSRMSCUST-20)	Per each additional code table configuration Assumption: the data format to and from all BEAST systems is the same.	ADD	24	$ 7,575	$ 181,800	
RMS EdgeFrontier Customization for LiveScan Interface (RMS) - for Each Additional Protocol/Format. (IPSRMSCUST-21)	Per each additional Protocol/Format. Assume an import to create/update an arrest and booking record and link the two. Assume that all Livescan vendors will push data to Intergraph web service and push the data in Intergraph preferred XML format.	ADD	27	$ 7,777	$ 209,979	
WebRMS Interface Redundant Load Balanced Servers #1-3						
EdgeFrontier Runtime Engine - Redundant License (IPS3042-RDt)		PRMS	1	$ 14,000	$ 14,000	$ 3,360
Intergraph WebRMS Connect for EdgeFrontier - RDT (IPS2043RDT)		PRMS	1	Included at no additional cost		
FBR for WebRMS Application Servers #1 and #2						
WebRMS FBR Server (RMS0028)	FBR for WebRMS Environment Server License to be installed on applicable FBR Production Application Servers	PRMS	1	$ 29,000	$ 29,000	$ 6,972
Microsoft SQL Server 2012 R2 Express (Download)		COM	2	Included at no additional cost		
FBR for WebRMS Redundant Server (#3)						
WebRMS FBR Server - Redundant License		PRMS	1	$ 20,300	$ 20,300	$ 4,884
Microsoft SQL Server 2012 R2 Express (Download)		COM	1	Included at no additional cost		
vCenter Server(Production Environment)						
Microsoft SQL Server 2012 R2 Express (Download)		COM	1	Included at no additional cost		
VMware vCenter Server Standard for vSphere 5 - (v. 5) - license - 1 instance (includes 5 years prepaid VMware Support and Subscription Technical Support	Production Environment (Base)	COM	1	$ 12,620	$ 12,620	
TEST ENVIRONMENT						
CAD Database / Interface / Communications Test Server						
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack	CAD Database / Interface / Communications Test Server	COM	4	$ 7,900	$ 31,600	$ 5,376
ANI-ALI (Included with I/Executive) (ANI-ALI)		CAD	1	Included at no additional cost		
Master Clock Interface (XNTP)		CAD	1	Included at no additional cost		
ProQA Interface (Included with I/Dispatcher) (PQA)		CAD	1	Included at no additional cost		
I/Executive High Availability - Test License		CAD	1	Included at no additional cost		
I/NetViewer - 5 concurrent users - Test License		CAD	1	Included at no additional cost		
I/NetDispatcher - 5 concurrent users - Test License		CAD	1	Included at no additional cost		
I/Informer - Test License (IPSCADCUST-IPS0004TST)		CAD	1	Included at no additional cost		
EdgeFrontier Runtime Engine - Test License (IPS3042-TST)		CAD	1	Included at no additional cost		
EdgeFrontier Developer Engine (IPS3042DEV)		CAD	1	$ 15,000	$ 15,000	$ 3,600
I/Mobile Data Terminal - Test License (IPS0009TST)		CAD	1	Included at no additional cost		
I/Tracker - Test License (IPS0015TST)		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 Server, however, implementation is subject to the customer's ability to provide connection to the applicable system.			1			
WebRMS Database / Application / Interface / FBR Test Server						
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack (7LQ-00001)	WebRMS Database / Application / Interface / FBR Test Server	COM	4	$ 7,900	$ 31,600	$ 5,376
WebRMS FBR Server - Test License		PRMS	1	Included at no additional cost		
WebRMS Server License - Test License		PRMS	1	Included at no additional cost		
Apache Tomcat 6 (Free Download)		COM	1	Included at no additional cost		
Crystal Reports for Eclipse		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 Server, however, implementation is subject to the customer's ability to provide connection to the applicable system.			1			
EdgeFrontier Runtime Engine - Test License (IPS3042-TST)		PRMS	1	Included at no additional cost		
Intergraph WebRMS Connect for EdgeFrontier - TST (IPS2043TST)		PRMS	1	Included at no additional cost		
DISASTER RECOVERY (BACKUP) ENVIRONMENT						
Backup Environment Host Servers						
Dell PowerEdge R630 – Two 22-Core Processors; 384GB RAM; vSphere EnterprisePlus v6.x (Q2); Dual Internal SD Cards for OS; DVD-ROM Combo Drive; Quad Port 1GB NIC; HBA; Dual Redundant Power Supplies; 6 year Pre-Paid ProSupport and Mission Critical Package (4-hours 7x24 on-site support)	Disaster Recovery Environment (Base)	COM	5	$ 33,750	$ 168,750	
Dell PowerEdge R630 – Two 22-Core Processors; 384GB RAM; vSphere EnterprisePlus v6.x (Q2); Dual Internal SD Cards for OS; DVD-ROM Combo Drive; Quad Port 1GB NIC; HBA; Dual Redundant Power Supplies; 6 year Pre-Paid ProSupport and Mission Critical Package (4-hours 7x24 on-site support)	Disaster Recovery Environment (Base)	ADD	1	$ 33,750	$ 33,750	
Microsoft Windows Server 2012 R2 Datacenter	Disaster Recovery Environment (Base)	COM	6	$ 5,816	$ 34,896	
CAD Database Load Balanced Disaster Recovery Servers #1-3 (cold standby)						
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack (7LQ-00001)	CAD Database Disaster Recovery Server #1 (cold standby)	COM	6	$ 7,900	$ 47,400	$ 8,064
I/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 RUNTIME - 2 core pack (7LQ-00001)	CAD Database Disaster Recovery Server #2 (cold standby)	COM	6	$ 7,900	$ 47,400	$ 8,064
Microsoft Visual Studio Professional 2012		COM	1	$ 580	$ 580	$ 139
CAD Archive / Reports / Web Disaster Recovery Server						
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack (7LQ-00001)	CAD Archive / Reports / Web Disaster Recovery Server	COM	6	$ 7,900	$ 47,400	$ 8,064
I/NetViewer - 100 concurrent users - Backup License (IPS0042CBCK)		CAD	1	Included at no additional cost		
I/NetDispatcher - 25 concurrent users - Backup License (IPS0045FBCK)		CAD	1	Included at no additional cost		
Business Intelligence Direct Disaster Recovery Server						
BI-Direct for CAD - Backup License (SPR)		CAD	1	Included at no additional cost		
BI--Direct for WebRMS - Backup License (SPR)		PRMS	1	Included at no additional cost		
CAD Interface / Communications Disaster Recovery Server #1 (cold standby)						
ANI-ALI (Included with I/Executive) (ANI-ALI)		CAD	1	Included at no additional cost		
Master Clock Interface (XNTP)		CAD	1	Included at no additional cost		
ProQA Interface (Included with I/Dispatcher) (PQA)		CAD	1	Included at no additional cost		
I/Informer - Backup License (IPSCADCUST-IPS0004BCK)		CAD	1	Included at no additional cost		
EdgeFrontier Runtime Engine - Backup License (IPS3042-BCK)		CAD	1	Included at no additional cost		
I/Page - Backup License (IPS0012BCK)		CAD	1	Included at no additional cost		
I/Telephone Device for Deaf - Zetron - Backup License (IPS0018BCK)		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 Server, however, implementation is subject to the customer's ability to provide connection to the applicable system.			1			
CAD Interface / Communications Disaster Recovery Server #2 (cold standby)						

Description	Notes	Type	Qty	Unit	Extended	Other
ANI-ALI (Included with I/Executive) (ANI-ALI)		CAD	1	Included at no additional cost		
Master Clock Interface (XNTP)		CAD	1	Included at no additional cost		
ProQA Interface (Included with I/Dispatcher) (PQA)		CAD	1	Included at no additional cost		
I/Informer - Backup License (IPSCADCUST-IPS0004BCK)		CAD	1	Included at no additional cost		
EdgeFrontier Runtime Engine - Backup License (IPS3042-BCK)		CAD	1	Included at no additional cost		
I/Page - Backup License (IPS0012BCK)		CAD	1	Included at no additional cost		
I/Telephone Device for Deaf - Zetron - Backup License (IPS0018BCK)		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 Server, however, implementation is subject to the customer's ability to provide connection to the applicable system.			1			
Mobile Data Redundant Server #1						
I/Mobile Data Terminal - Redundant License (IPS0009RDT)		CAD	1	$ 34,280	$ 34,280	$ 7,092
I/Tracker - Redundant License (IPS0015RDT)		CAD	1	$ 19,478	$ 19,478	$ 4,032
Mobile Data Redundant Server #2 (Load Balanced)						
I/Mobile Data Terminal - Redundant License (IPS0009RDT)		CAD	1	$ 34,280	$ 34,280	$ 7,092
I/Tracker - Redundant License (IPS0015RDT)		CAD	1	$ 19,478	$ 19,478	$ 4,032
Mobile Data Redundant Server #3 (Load Balanced)						
I/Mobile Data Terminal - Redundant License (IPS0009RDT)		CAD	1	$ 34,280	$ 34,280	$ 7,092
I/Tracker - Redundant License (IPS0015RDT)		CAD	1	$ 19,478	$ 19,478	$ 4,032
WebRMS Database Disaster Recovery Server #1						
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack (7LQ-00001)	WebRMS Database Disaster Recovery Server	COM	6	$ 7,900	$ 47,400	$ 8,064
WebRMS Interface Load Balanced Disaster Recovery Servers #1-3						
EdgeFrontier Runtime Engine - Backup License (IPS3042-BCK)		PRMS	1	Included at no additional cost		
Intergraph WebRMS Connect for EdgeFrontier - BCK (IPS2043BCK)		PRMS	1	Included at no additional cost		
WebRMS Interface Load Balanced Disaster Recovery Server #1-3						
EdgeFrontier Runtime Engine - Backup License (IPS3042-BCK)		PRMS	1	Included at no additional cost		
Intergraph WebRMS Connect for EdgeFrontier - BCK (IPS2043BCK)		PRMS	1	Included at no additional cost		
WebRMS Application/Report Disaster Recovery Server #1 thru #4						
WebRMS Server License - Backup License (RMS0016BCK)		PRMS	1	Included at no additional cost		
Apache Tomcat 6 (Free Download)		COM	5	Included at no additional cost		
Crystal Reports for Eclipse		COM	5	Included at no additional cost		
WebRMS Application/Report Disaster Recovery Redundant Server (#5)						
WebRMS Server License - Backup License (RMS0016BCK)		PRMS	1	Included at no additional cost		
FBR for WebRMS Disaster Recovery Server #1 and #2						
WebRMS FBR Server - Backup License (RMS0028BCK)		PRMS	1	Included at no additional cost		
Microsoft SQL Server 2012 R2 Express (Download)		COM	4	Included at no additional cost		
FBR for WebRMS Disaster Recovery Redundant Server (#3)						
WebRMS FBR Server - Backup License (RMS0028BCK)		PRMS	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 vSphere 5 - (v. 5) - license - 1 instance (includes 5 years prepaid VMware Support and Subscription Technical Support	Disaster Recovery Environment (Base)	COM	1	$ 12,620	$ 12,620	
CLIENT ENVIRONMENT						
I/CAD Dispatcher Workstations						
I/Dispatcher (IPS0002)	Dispatcher software. Provides calltaking and dispatching functionality.	CAD	60	$ 18,365	$ 1,101,900	$ 227,520
I/CAD Administrator / Map Maintenance Workstations						
I/Dispatcher - Test License (IPS0002TST)		CAD	1	Included at no additional cost		
I/Map Editor for ArcGIS CC (IPS1184)		CAD	1	$ 4,007	$ 4,007	$ 936
Map Administration Utility (IPS0082)		CAD	1	$ 10,500	$ 10,500	$ 2,292
I/Incident Analyst CC w/GeoMedia Advantage CC (SBND6106L)		CAD	1	$ 9,816	$ 9,816	$ 2,100
Mobile Data Computers						
Mobile for Public Safety - Concurrent User License (IPS0080)		CAD	875	$ 1,113	$ 973,875	$ 231,000
Intergraph Mobile Responder Client - 10 Tablet CALs (IPS3204A)		CAD	1	$ 3,000	$ 3,000	$ 684
WebRMS FBR Client CC (RMS1129)		PRMS	350	$ 1,590	$ 556,500	$ 134,400
WebRMS Workstations						
WebRMS Concurrent User License (RMS0017)		PRMS	700	$ 1,600	$ 1,120,000	$ 268,800
Other Hardware and Software						
Dell 4220 42U Rack with Doors and Side Panels; 16 Amp, 120-240 Volt, PDU (qty 4); 1U KM Console with Touchpad Keyboard and 17 LCD; PowerEdge 2161 - 16 Port Keyboard/Video/Mouse Analog Switch; USB Server Interface Pod; 5 years maintenance	Production Environment	COM	1	$ 6,565	$ 6,565	
Dell 4220 42U Rack with Doors and Side Panels; 16 Amp, 120-240 Volt, PDU (qty 4); 1U KM Console with Touchpad Keyboard and 17 LCD; PowerEdge 2161 - 16 Port Keyboard/Video/Mouse Analog Switch; USB Server Interface Pod; 5 years maintenance	Disaster Recovery (Backup) Environment	COM	1	$ 6,565	$ 6,565	
EMC VNX 5600 (SAN) (7) 200GB Fast Cache SSD drives (42) 200GB SSD Fast VP drives (32) 1.2TB 10K SAS drives Dual Controllers with (6) fiber ports per controller Redundant Fiber channel switches with 16 ports licensed per switch 5 years maintenance	Production Environment	COM	1	$ 117,829	$ 117,829	
EMC VNX 5600 (SAN) (7) 200GB Fast Cache SSD drives (42) 200GB SSD Fast VP drives (32) 1.2TB 10K SAS drives Dual Controllers with (6) fiber ports per controller Redundant Fiber channel switches with 16 ports licensed per switch 5 years maintenance	Disaster Recovery (Backup) Environment	COM	1	$ 117,829	$ 117,829	
Professional Services						
Project Management Services		COM	1	$ 519,688	$ 519,688	
Project Management Services (related to additional agency interface development and implementation)		ADD	1	$ 353,670	$ 353,670	
CAD Implementation Services		CAD	1	$ 329,941	$ 329,941	
RMS Implementation Services		PRMS	1	$ 501,949	$ 501,949	
CAD Interfaces Implementation Services		CAD	1	$ 257,791	$ 257,791	
CAD and RMS Replicated Interface Cutover Services		ADD	1	$ 81,696	$ 81,696	
BI - Direct Imp Services (CAD)		CAD	1	$ 9,240	$ 9,240	
BI - Direct Imp Services (WebRMS)		PRMS	1	$ 6,060	$ 6,060	
CAD Data Conversion Analysis Services		CAD	1	$ 19,089	$ 19,089	
RMS Data Conversion Analysis Services		PRMS	1	$ 22,422	$ 22,422	
CAD Load/Stress Tests		CAD	1	$ 1,515	$ 1,515	
CAD Support for Ability to Import Run Cards		CAD	1	$ 4,545	$ 4,545	
Mobile Responder Implementation Services		CAD	1	$ 15,150	$ 15,150	
Travel		COM	1	$ 172,104	$ 172,104	
Training Services						
I/CAD Deployment Planning and Configuration (IPST1003)		CAD	1	$ 11,514	$ 11,514	
I/CAD Essentials for Core Team (IPST2001)		CAD	1	$ 11,514	$ 11,514	
I/CAD Reassessment (IPST2006)		CAD	1	$ 9,999	$ 9,999	
I/CAD Essentials for Trainers (IPST2011)		CAD	4	$ 11,514	$ 46,056	
I/NetViewer - I/NetDispatcher for Trainers (IPST2404)		CAD	1	$ 8,484	$ 8,484	
I/CAD System Administration & Maintenance Essentials (IPST9003)		CAD	1	$ 11,514	$ 11,514	
Map Fundamentals Workshop for I/CAD Systems (IPST1002)		CAD	1	$ 8,484	$ 8,484	
Map Basics for I/CAD Systems (IPST8001)		CAD	1	$ 11,514	$ 11,514	
Map Maintenance for I/CAD Systems (IPST8003)		CAD	1	$ 9,999	$ 9,999	
Map Roll Consulting for I/CAD Systems (IPST8004)		CAD	1	$ 11,514	$ 11,514	
MPS Reassessment (IPST2007)		CAD	2	$ 11,514	$ 23,028	

Description	Note	Cat	Qty	Unit Price	Extended Price	Maint
MPS Workflow and Configuration Workshop I (IPST2502)		CAD	2	$ 23,028	$ 46,056	
MPS Workflow and Configuration Workshop II (IPST2502)		CAD	2	$ 11,514	$ 23,028	
MPS Workflow and Configuration Workshop III (IPST2502)		CAD	2	$ 11,514	$ 23,028	
MPS for Trainers (IPST2503)		CAD	4	$ 6,969	$ 27,876	
I/Incident Analyst Configuration and Administration (IPST6001)		CAD	1	$ 11,514	$ 11,514	
I/Incident Analyst User Training (IPST6002)		CAD	1	$ 8,484	$ 8,484	
BI Direct for CAD - System Administrator Training (IPST7008)		CAD	1	$ 5,454	$ 5,454	
BI Direct for CAD - User Training (IPST7009)	User training conducted the same week as Sys Admin Training for BI	CAD	1	$ 4,545	$ 4,545	
BI Direct for WebRMS- User Training (IPST3300)		PRMS	1	$ 5,454	$ 5,454	
BI Direct for WebRMS- System Administrator Training (IPST3301)	User training conducted the same week as Sys Admin Training for BI	PRMS	1	$ 4,545	$ 4,545	
WebRMS System Overview & Configuration Training (IPST3501)		PRMS	1	$ 9,999	$ 9,999	
FBR for WebRMS System IT Administrative Training (IPST4010)		PRMS	1	$ 9,999	$ 9,999	
FBR System Overview and Configuration Training (IPST4011)		PRMS	1	$ 9,999	$ 9,999	
WebRMS System Administrative Training Course (IPST3502)		PRMS	1	$ 9,999	$ 9,999	
WebRMS Train-The-Trainer Training (IPST3503)		PRMS	4	$ 11,514	$ 46,056	
FBR for WebRMS Train-The-Trainer Training (IPST4012)		PRMS	4	$ 9,999	$ 39,996	
WebRMS Reports and Deployment (IPST3504)		PRMS	1	$ 9,999	$ 9,999	
EdgeFrontier Developer Training		COM	1	$ 20,050	$ 20,050	
Shipping, Installation, Bonds, Escrow, Insurance, Warranty						
Shipping and Insurance		COM	1	$ 6,914	$ 6,914	
Escrow Administration fee per year		COM	1	$ 500	$ 500	$ 500
Business Intelligence software warranty during implementation period		COM	1	$ 7,788	$ 7,788	
Hardware Staging & Installation Services		COM	1	$ 63,438	$ 63,438	
Hardware Staging & Installation Services		ADD	1	$ 14,987	$ 14,987	
TOTAL SYSTEM BASE PRICE:						
Sub-Total Exclusive of Discount, Extended Warranty, Maintenance, Options & Taxes					$ 10,246,874	$ 1,351,463
One Time System Discount	for initial purchase only	DIS	1		$ (3,606,395)	
Sub-Total Exclusive of Extended Warranty, Maintenance, Options & Taxes					$ 6,640,479	$ 1,351,463
First Year Intergraph Maintenance (Extended Software Warranty)			1		$ 1,251,505	
Discount on First Year Intergraph Maintenance		DISM	1		$ (187,726)	
First Year Third Party Maintenance (Extended Software Warranty)			1		$ 99,958	
Grand Total Exclusive of Taxes	Tax Exemption assumed				$ 7,804,216	
Second Year 3rd Party Software Maintenance after warranty		COM	1		$ 104,956	
Second Year Intergraph Software Maintenance after warranty		COM	1		$ 1,116,968	
Maintenance Year 2 - Upgrade Program (First Upgrade - Installment 1 of 3)		CAD	1		$ 100,000	
Third Year 3rd Party Software Maintenance		COM	1		$ 110,204	
Third Year Software Maintenance		COM	1		$ 1,172,816	
Hardware Stage & Installation Services for Hardware Refresh during maintenance		COM	1		$ 34,596	
Maintenance Year 3 - Upgrade Program (First Upgrade - Installment 2 of 3)		CAD	1		$ 100,000	
Fourth Year 3rd Party Software Maintenance		COM	1		$ 115,714	
Fourth Year Software Maintenance		COM	1		$ 1,231,457	
Maintenance Year 4 - Upgrade Program (First Upgrade - Installment 3 of 3)		CAD	1		$ 100,000	
Fifth Year 3rd Party Software Maintenance		COM	1		$ 121,500	
Fifth Year Software Maintenance		COM	1		$ 1,293,030	
Total for Additional Four Years' Maintenance after Extended Warranty					$ 5,601,241	
Price Summary by Category:						
CAD Sub-System		CAD	1		$ 4,288,020	$ 719,736
Police RMS Sub-System		PRMS	1		$ 2,901,736	$ 519,326
Additional Agency Costs		ADD	1		$ 1,013,206	$ 12,443
Common Items	(PM Services,Escrow, Shipping, Third Party, etc.)	COM	1		$ 2,043,912	$ 99,958
System Discounts		DIS	1		$ (3,606,395)	$ (187,726)
Total Price for Complete System					$ 6,640,479	$ 1,163,737
Options:						
(Project management services are not included and implementation services are estimated. Third party product prices are valid for only 90 days. Intergraph can provide a fixed quote when optional items are selected.)						
Optional Intergraph Services:						
CAD Fit & Gap		CAD	1	$ 98,071	$ 98,071	
CAD Requirements Analysis, Design		CAD	1	$ 147,359	$ 147,359	
WebRMS Fit & Gap Analysis		PRMS	1	$ 35,754	$ 35,754	
WebRMS Requirements Analysis, Design		PRMS	1	$ 61,358	$ 61,358	
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 Intergraph Standard Products and Interfaces:						
I/FRMS-CADlink (IPS0048-2)	Fire Programs FireRMS	CAD	1	$ 11,130	$ 11,130	$ 2,304
I/CADLink to RMS (IPS0051-1)	ICLEAR	CAD	1	$ 11,130	$ 11,130	$ 2,304
I/CADLink to RMS (IPS0051)	ImageTrend	CAD	1	$ 11,130	$ 11,130	$ 2,304
I/FRMS-CADlink (IPS0048)	Zoll FireRMS	CAD	1	$ 11,130	$ 11,130	$ 2,304
I/FRMSLink for Zoll - Per additional endpoint/third-party database (IPSCADCUST-12)		ADD	1	$ 1,444	$ 1,444	
Optional Intergrah Developed Interfaces:						
CAD EdgeFrontier Custom Interface for False Alarms/False Alarm Billing data transfer from CAD to WebRMS (IPSCADCUST-5)		CAD	1	$ 14,444	$ 14,444	$ 2,889
RMS EdgeFrontier Customization for DACRA interface (RMS) (IPSRMSCUST-2)	1-way Import	PRMS	1	$ 23,331	$ 23,331	$ 4,666
RMS EdgeFrontier Customization for Trimble – Visual Statement interface (RMS) (IPSRMSCUST-3)	1-way Import	PRMS	1	$ 23,331	$ 23,331	$ 4,666
RMS EdgeFrontier Customization for CopLogic Interface (IPSRMSCUST-10)	1-way Import	PRMS	1	$ 23,331	$ 23,331	$ 4,666
RMS EdgeFrontier Customization for Lexis-Nexis Interface (RMS) (IPSRMSCUST-18)	1-way accident Import from multiple agency/databases. Assume that Lexis-Nexis vendor will push data to Intergraph web service and push the data in Intergraph preferred XML format.	PRMS	1	$ 58,328	$ 58,328	$ 11,666
RMS EdgeFrontier Customization for APPRISS interface (RMS) (IPSRMSCUST-19)	1-way accident import from multiple agency/databases. Assume that APPRISS vendor will push data to Intergraph web service and push the data in Intergraph preferred XML format.	PRMS	1	$ 58,328	$ 58,328	$ 11,666
RAIDS Online interface (RMS) (IPSRMSCUST-12)		PRMS	1	$ 3,889	$ 3,889	$ 778
RMS EdgeFrontier Customization for Import Interface for Pawn Information from LeadsOnline (IPSRMSCUST-11)	1-way Import	PRMS	1	$ 23,331	$ 23,331	$ 4,666
Custom Services for I/Informer Query Interface for LeadsOnline (IPSCADCUST-IPS0004-D)	Query Interface	CAD	1	$ 43,332	$ 43,332	$ 8,666
RMS Customization for Illinois State Specific UCR Reports (IPSRMSCUST-11-1)	UCR Federal Standard would be delivered as the COTS form of the UCR utility	PRMS	1	$ 62,216	$ 62,216	$ 12,443
RMS EdgeFrontier Customization for N-Dex submission support (IPSRMSCUST-9)	1-way Export	PRMS	1	$ 38,885	$ 38,885	$ 7,777
CAD Interface to NICE (Vendor View) (IPSCADCUST)	Consulting services to assist third party with accessing CAD Vendor View	CAD	1	$ 1,444	$ 1,444	
IDOT Interface (RMS) (IPSRMSCUST-15)		PRMS	1	$ 62,216	$ 62,216	$ 12,443
CAD EdgeFrontier Custom Interface to Security Information Systems (SIS) Alarm System (IPSCADCUST-1)		CAD	1	$ 14,444	$ 14,444	$ 2,889
CAD EdgeFrontier Custom Interface to Security Information Systems (SIS) Alarm System - Per additional agency/database instance (IPSCADCUST-8)	Per additional agency/databae instance	ADD	3	$ 7,792	$ 23,375	$ 4,675
Optional CAD/WebRMS Training Environment:						
ANI-ALI (Included with I/Executive) (ANI-ALI)		CAD	1	Included at no additional cost		
Master Clock Interface (XNTP)		CAD	1	Included at no additional cost		
ProQA Interface (Included with I/Dispatcher) (PQA)		CAD	1	Included at no additional cost		
I/Executive High Availability - Training License		CAD	1	$ 36,729	$ 36,729	$ 16,800
I/NetViewer - 5 concurrent users - Training License		CAD	1	$ 5,565	$ 5,565	$ 2,304
I/NetDispatcher - 5 concurrent users - Training License		CAD	1	$ 13,913	$ 13,913	$ 5,724

Description	Notes	Type	Qty	Unit Price	Extended Price	Discounted Price
EdgeFrontier Runtime Engine - Training License (IPS3042-TRN)		CAD	1	$ 10,000	$ 10,000	$ 4,800
I/Informer - Training License (IPSCADCUST-IPS0004TRN)		CAD	1	$ 12,243	$ 12,243	$ 5,064
I/Mobile Data Terminal - Training License (IPS0009TRN)		CAD	1	$ 24,486	$ 24,486	$ 10,128
I/Tracker - Training License (IPS0015TRN)		CAD	1	$ 13,913	$ 13,913	$ 5,724
WebRMS Server License - Training License		PRMS	1	$ 43,500	$ 43,500	$ 20,820
WebRMS FBR Server - Training License		PRMS	1	$ 14,500	$ 14,500	$ 6,972
Apache Tomcat 6 (Free Download)		COM	1	Included at no additional cost		
Crystal Reports for Eclipse		COM	1	Included at no additional cost		
EdgeFrontier Runtime Engine - Training License (IPS3042-TRN)		PRMS	1	$ 10,000	$ 10,000	$ 4,800
Intergraph WebRMS Connect for EdgeFrontier - TRN (IPS2043TRN)		PRMS	1	Included at no additional cost		
Standard and Custom Interfaces – Test, Training, Redundant and Backup Copies of proposed interfaces are available for all Interface Server, however, implementation is subject to the customer's ability to provide connection to the applicable system.			1			
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack (7LQ-00001)	WebRMS Database / Application / Interface / FBR Training Server	COM	4	$ 7,900	$ 31,600	$ 5,376
Microsoft SQL Server 2012 ENT Edition RUNTIME - 2 core pack	CAD Database / Interface / Communications Training Server	COM	4	$ 7,900	$ 31,600	$ 5,376
Optional Intergraph Mobile Solutions:						
Intergraph Mobile Responder Client - 100 Tablet CALs (IPS3204B)		CAD	1	$ 22,500	$ 22,500	$ 5,160
Intergraph Mobile Responder Client - 500 Tablet CALs (IPS3204D)		CAD	1	$ 101,250	$ 101,250	$ 23,160
Intergraph Mobile Responder Client - 100 Smartphone CALs (IPS3205B)		CAD	1	$ 15,000	$ 15,000	$ 3,432
Intergraph Mobile Responder Client - 500 Smartphone CALs (IPS3205D)		CAD	1	$ 67,500	$ 67,500	$ 15,444
Optional Training:						
I/CAD Essentials for Users (TTU) (IPST2004)		CAD	1	$ 11,514	$ 11,514	
I/CAD Trainer Consulting (TTT) (IPST2010)	Custom Training Documents	CAD	1	$ 19,089	$ 19,089	
I/CAD Trainer Consulting (TTT) (IPST2010)	Refresher Training Prep	CAD	1	$ 11,514	$ 11,514	
WebRMS Customized Training (IPST4000) - Six Mnth Refresher		PRMS	1	$ 9,090	$ 9,090	
Total Price for All Options					**$ 1,858,585**	**$ 244,856**

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 to scope of the final contract may change the discount amount. Also, any credits given for line items as part of a Change Order will include a reduction for the line prorated amount of the one-time system discount. Items removed 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 acceptance 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 90 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, Redundant and Backup Copies of proposed interfaces are available for all Interface Server, however, implementation is subject to the customer's ability to provide connection 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 County 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 records management, reporting, and crime analysis. The quantity and price of client 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 billed will reflect the applicable tax rates at time of sale 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.

Estimated Fiscal Years		FY16	FY17	FY18	FY18	FY19	FY20	FY21	FY22	FY23					
AGENCY COST SUMMARY June 1 2016	ESTIMATED PROJECT TOTAL	FY16 NetRMS	FY17 NetRMS	FY18 NetRMS	New RMS Capital	New RMS Yr1	Yr 2	Yr3	Yr4	Yr5	Agency Specific Interfaces	Fiber Network Cost	# Users	% Total	Total Equipment Replacement Contribution
Cost Per User		$ 138.24	$ 50.46	$ 57.33	$ 1,118.43	$ 707.91	$ 718.25	$ 733.12	$ 748.61	$ 764.75					$ 3,000,000.00
ADDISON POLICE	$ 601,713.45	$ 14,930.40	$ 5,449.61	$ 6,192.05	$ 120,790.03	$ 76,453.97	$ 77,570.86	$ 79,176.96	$ 80,849.94	$ 82,592.87	$ 19,643	$ 38,064	108	5.33	$ 160,000.00
BARTLETT POLICE	$ 42,354.76	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,291	$ 38,064			$ -
BENSENVILLE POLICE	$ 329,710.10	$ 7,465.20	$ 2,724.80	$ 3,096.02	$ 60,395.01	$ 38,226.99	$ 38,785.43	$ 39,588.48	$ 40,424.97	$ 41,296.44	$ 19,643	$ 38,064	54	2.67	$ 80,000.00
BLOOMINGDALE POLICE	$ 118,151.95	$ 1,658.93	$ 605.51	$ 688.01	$ 13,421.11	$ 8,494.89	$ 8,618.98	$ 8,797.44	$ 8,983.33	$ 9,176.99	$ 19,643	$ 38,064	12	0.59	$ 17,777.78
BURR RIDGE POLICE	$ 217,818.91	$ -	$ -	$ -	$ 39,144.92	$ 24,776.75	$ 25,138.70	$ 25,659.20	$ 26,201.37	$ 26,766.21	$ 12,068	$ 38,064	35	1.73	$ 51,851.85
CAROL STREAM POLICE	$ 475,785.97	$ 11,474.29	$ 4,188.12	$ 4,758.70	$ 92,829.37	$ 58,756.29	$ 59,614.64	$ 60,848.96	$ 62,134.68	$ 63,474.15	$ 19,643	$ 38,064	83	4.10	$ 122,962.96
CLARENDON HILLS POLICE	$ 121,997.68	$ -	$ -	$ -	$ 16,776.39	$ 10,618.61	$ 10,773.73	$ 10,996.80	$ 11,229.16	$ 11,471.23	$ 12,068	$ 38,064	15	0.74	$ 22,222.22
COLLEGE OF DU PAGE POLICE	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -				$ -
DARIEN POLICE	$ 279,339.11	$ 6,082.76	$ 2,220.21	$ 2,522.69	$ 49,210.75	$ 31,147.92	$ 31,602.94	$ 32,257.28	$ 32,938.87	$ 33,648.95	$ 19,643	$ 38,064	44	2.17	$ 65,185.19
DOWNERS GROVE POLICE	$ 527,230.78	$ -	$ -	$ -	$ 109,605.76	$ 69,374.90	$ 70,388.37	$ 71,845.76	$ 73,363.84	$ 74,945.38	$ 19,643	$ 38,064	98	4.84	$ 145,185.19
DU PAGE FOREST PRESERVE POLICE	$ 146,868.87	$ 4,009.09	$ 1,463.32	$ 1,662.68	$ 32,434.36	$ 20,529.31	$ 20,829.21	$ 21,260.48	$ 21,709.71	$ 22,177.72	$ -	$ 793	29	1.43	$ 42,962.96
DU PAGE SHERIFF OFFICE	$ 1,589,584.57	$ 38,846.69	$ 14,179.07	$ 16,110.79	$ 314,277.75	$ 198,921.91	$ 201,827.89	$ 206,006.72	$ 210,359.57	$ 214,894.41	$ 136,096	$ 38,064	281	13.88	$ 416,296.30
DU PAGE STATES ATTORNEY	$ 73,439.30	$ 414.73	$ 151.38	$ 172.00	$ 3,355.28	$ 2,123.72	$ 2,154.75	$ 2,199.36	$ 2,245.83	$ 2,294.25	$ 58,328		3	0.15	$ 4,444.44
DU PAGE CIRCUIT CLERK	$ 186,648.00										$ 186,648				
DU PAGE COUNTY PROBATION	$ 15,554.00										$ 15,554				
ELMHURST POLICE	$ 551,342.46	$ 13,547.96	$ 4,945.01	$ 5,618.71	$ 109,605.76	$ 69,374.90	$ 70,388.37	$ 71,845.76	$ 73,363.84	$ 74,945.38	$ 19,643	$ 38,064	98	4.84	$ 145,185.19
GLEN ELLYN POLICE	$ 354,895.60	$ 8,156.42	$ 2,977.10	$ 3,382.69	$ 65,987.14	$ 41,766.52	$ 42,376.67	$ 43,254.08	$ 44,168.02	$ 45,120.18	$ 19,643	$ 38,064	59	2.91	$ 87,407.41
GLENDALE HEIGHTS POLICE	$ 455,637.58	$ 10,921.31	$ 3,986.29	$ 4,529.37	$ 88,355.67	$ 55,924.67	$ 56,741.65	$ 57,916.48	$ 59,140.24	$ 60,415.16	$ 19,643	$ 38,064	79	3.90	$ 117,037.04
HANOVER PARK POLICE	$ 538,528.36	$ 13,409.71	$ 4,894.55	$ 5,561.37	$ 108,487.34	$ 68,666.99	$ 69,670.13	$ 71,112.64	$ 72,615.23	$ 74,180.63	$ 11,866	$ 38,064	97	4.79	$ 143,703.70
HINSDALE POLICE	$ 234,005.22	$ 4,838.56	$ 1,766.08	$ 2,006.68	$ 39,144.92	$ 24,776.75	$ 25,138.70	$ 25,659.20	$ 26,201.37	$ 26,766.21	$ 19,643	$ 38,064	35	1.73	$ 51,851.85
ITASCA POLICE	$ 223,931.02	$ 4,562.07	$ 1,665.16	$ 1,892.01	$ 36,908.06	$ 23,360.94	$ 23,702.21	$ 24,192.96	$ 24,704.15	$ 25,236.71	$ 19,643	$ 38,064	33	1.63	$ 48,888.89
LISLE POLICE	$ 314,598.81	$ 7,050.47	$ 2,573.43	$ 2,924.02	$ 57,039.73	$ 36,103.27	$ 36,630.68	$ 37,389.12	$ 38,179.14	$ 39,002.19	$ 19,643	$ 38,064	51	2.52	$ 75,555.56
LOMBARD POLICE	$ 77,855.15	$ 552.98	$ 201.84	$ 229.34	$ 4,473.70	$ 2,831.63	$ 2,872.99	$ 2,932.48	$ 2,994.44	$ 3,059.00	$ 19,643	$ 38,064	4	0.20	$ 5,925.93
NAPERVILLE POLICE	$ 1,042,145.96	$ -	$ -	$ -	$ 240,461.63	$ 152,200.04	$ 154,423.47	$ 157,620.80	$ 160,951.27	$ 164,420.99	$ 12,068		215	10.62	$ 318,518.52
OAK BROOK POLICE	$ 349,858.50	$ 8,018.18	$ 2,926.64	$ 3,325.36	$ 64,868.72	$ 41,058.62	$ 41,658.43	$ 42,520.96	$ 43,419.41	$ 44,355.43	$ 19,643	$ 38,064	58	2.86	$ 85,925.93
OAKBROOK TERRACE POLICE	$ 213,856.83	$ 4,285.58	$ 1,564.24	$ 1,777.35	$ 34,671.21	$ 21,945.12	$ 22,265.71	$ 22,726.72	$ 23,206.93	$ 23,707.21	$ 19,643	$ 38,064	31	1.53	$ 45,925.93
ROSELLE POLICE	$ 279,339.11	$ 6,082.76	$ 2,220.21	$ 2,522.69	$ 49,210.75	$ 31,147.92	$ 31,602.94	$ 32,257.28	$ 32,938.87	$ 33,648.95	$ 19,643	$ 38,064	44	2.17	$ 65,185.19
VILLA PARK POLICE	$ 349,858.50	$ 8,018.18	$ 2,926.64	$ 3,325.36	$ 64,868.72	$ 41,058.62	$ 41,658.43	$ 42,520.96	$ 43,419.41	$ 44,355.43	$ 19,643	$ 38,064	58	2.86	$ 85,925.93
WARRENVILLE POLICE	$ 244,079.42	$ 5,115.04	$ 1,867.00	$ 2,121.35	$ 41,381.77	$ 26,192.56	$ 26,575.20	$ 27,125.44	$ 27,698.59	$ 28,295.71	$ 19,643	$ 38,064	37	1.83	$ 54,814.81
WEST CHICAGO POLICE	$ 334,506.50	$ 8,018.18	$ 2,926.64	$ 3,325.36	$ 64,868.72	$ 41,058.62	$ 41,658.43	$ 42,520.96	$ 43,419.41	$ 44,355.43	$ 4,291	$ 38,064	58	2.86	$ 85,925.93
WESTMONT POLICE	$ 313,640.14	$ -	$ -	$ -	$ 61,513.44	$ 38,934.89	$ 39,503.68	$ 40,321.60	$ 41,173.58	$ 42,061.18	$ 12,068	$ 38,064	55	2.72	$ 81,481.48
WHEATON POLICE	$ 521,119.86	$ 12,718.49	$ 4,642.26	$ 5,274.71	$ 102,895.21	$ 65,127.46	$ 66,078.88	$ 67,447.04	$ 68,872.17	$ 70,356.89	$ 19,643	$ 38,064	92	4.54	$ 136,296.30
WILLOWBROOK POLICE	$ 184,281.48	$ -	$ -	$ -	$ 31,315.93	$ 19,821.40	$ 20,110.96	$ 20,527.36	$ 20,961.10	$ 21,412.97	$ 12,068	$ 38,064	28	1.38	$ 41,481.48
WINFIELD POLICE	$ 145,836.64	$ 2,626.64	$ 958.73	$ 1,089.34	$ 21,250.10	$ 13,450.24	$ 13,646.73	$ 13,929.28	$ 14,223.60	$ 14,530.23	$ 12,068	$ 38,064	19	0.94	$ 28,148.15
WOOD DALE POLICE	$ 304,524.61	$ 6,773.98	$ 2,472.51	$ 2,809.35	$ 54,802.88	$ 34,687.45	$ 35,194.19	$ 35,922.88	$ 36,681.92	$ 37,472.69	$ 19,643	$ 38,064	49	2.42	$ 72,592.59
WOODRIDGE POLICE	$ 375,043.99	$ 8,709.40	$ 3,178.94	$ 3,612.03	$ 70,460.85	$ 44,598.15	$ 45,249.67	$ 46,186.56	$ 47,162.47	$ 48,179.17	$ 19,643	$ 38,064	63	3.11	$ 93,333.33
Total	$ 12,135,083.16	$ 218,288.00	$ 79,675.28	$ 90,530.00	$ 2,264,813.00	$ 1,433,512.00	$ 1,454,453.64	$ 1,484,567.98	$ 1,515,936.42	$ 1,548,616.32	$ 901,977.52	$ 1,142,713.00	2025	100.00	

FIRE AGENCY	Total										Agency Specific Interfaces	Fiber Network Cost	# Users	% Total	Total Equipment Replacement Contribution
ADDISON FPD	$ 117,080.00										$ 2,888.00	$ 114,192.00			
BARTLETT FPD	$ 117,080.00										$ 2,888.00	$ 114,192.00			
BLOOMINGDALE FPD	$ 117,080.00										$ 2,888.00	$ 114,192.00			
BENSENVILLE FPD	$ 76,128.00										$ -	$ 76,128.00			
CAROLSTREAM FPD	$ 117,080.00										$ 2,888.00	$ 114,192.00			
CLARENDON HILLS FPD	$ 40,952.00										$ 2,888.00	$ 38,064.00			
DARIEN-WOODRIDGE FPD	$ 40,952.00										$ 2,888.00	$ 38,064.00			
DOWNERS GROVE FD	$ 155,144.00										$ 2,888.00	$ 152,256.00			
ELMHURST FD	$ 79,016.00										$ 2,888.00	$ 76,128.00			
GLENN ELLYN VFC	$ 79,016.00										$ 2,888.00	$ 76,128.00			
GLENSIDE FPD	$ 40,952.00										$ 2,888.00	$ 38,064.00			
HANOVER PARK FD	$ 79,016.00										$ 2,888.00	$ 76,128.00			
HINSDALE FD	$ 40,952.00										$ 2,888.00	$ 38,064.00			
ITASCA FPD	$ 40,952.00										$ 2,888.00	$ 38,064.00			
LISLE-WOODRDIGE FPD	$ 193,208.00										$ 2,888.00	$ 190,320.00			
LOMBARD FD	$ 79,016.00										$ 2,888.00	$ 76,128.00			
NAPERVILLE FD	$ 2,888.00										$ 2,888.00				
OAK BROOK FD	$ 79,016.00										$ 2,888.00	$ 76,128.00			
OAKBROOK TERRACE FPD	$ 38,064.00										$ -	$ 38,064.00			
PLEASANTVIEW FPD	$ 79,016.00										$ 2,888.00	$ 76,128.00			
ROSELLE FD	$ 40,952.00										$ 2,888.00	$ 38,064.00			
TRI-STATE FPD	$ 79,016.00										$ 2,888.00	$ 76,128.00			
VILLA PARK FD											$ 2,888.00	$ 76,128.00			
WARRENVILLE FPD	$ 79,016.00										$ 2,888.00	$ 76,128.00			
WEST CHICAGO FD	$ 155,144.00										$ 2,888.00	$ 152,256.00			
WESTMONT FD	$ 79,016.00										$ 2,888.00	$ 76,128.00			
WHEATON FD	$ 117,080.00										$ 2,888.00	$ 114,192.00			
WINFIELD FPD	$ 76,128.00										$ -	$ 76,128.00			
WOODDALE FPD	$ 79,016.00										$ 2,888.00	$ 76,128.00			
YORK CENTER FPD	$ 40,952.00										$ 2,888.00	$ 38,064.00			

FIRE AGENCY	Total	FY16 NetRMS	FY17 NetRMS	FY18 NetRMS	New RMS Capital	New RMS Yr1	Yr 2	Yr3	Yr4	Yr5	Agency Specific Interfaces	Fiber Network Cost	# Users	% Total	Total Equipment Replacement Contribution
ACDC	$ -										$ -				
DOWNERS GROVE PSAP	$ 37,819.00										$ 37,819				
DUCOMM	$ 37,819.00										$ 37,819				
DSO PSAP	$ -														
NAPERVILLE PSAP	$ 362,760.00											$ 362,760			
	$ -														
ETSB	$ -														

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.