



# CAD Grant Application



## Background Information

### PSAP INFORMATION:

PSAP Name: **Joint Application Salt Lake City 911 (SLC911) and Salt Lake Valley Emergency Communications Center (VECC) Salt Lake County Integrated Public Safety CAD Technology Initiative**

Date of Application: **15 June 2016**

PSAP Contact Person:	<b>SLC911, Scott Freitag</b>	<b>VECC, John Inch Morgan</b>
Email:	<a href="mailto:Scott.Freitag@slcgov.com">Scott.Freitag@slcgov.com</a>	<a href="mailto:jmorgan@vecc9-1-1.com">jmorgan@vecc9-1-1.com</a>
Phone:	801-779-4167	801-840-4001
Fax:	801-779-3038	801-840-4040
Address:	475 So. 300 E	5360 S Ridge Village Drive
City:	Salt Lake City, Utah	West Valley City, Utah
ZIP:	84114	84118

**1.0 Total amount of this request:** \$6,570,158, to be drawn down over three years.

### 2.0 Describe the Component(s) of this Application:

On March 6, 2015, Salt Lake City 911 and the Salt Lake Valley Emergency Communications Center jointly issued a Request for Proposal (RFP) for an Integrated Public Safety Technology Solution. The intent of the RFP was to identify a single Computer Aided Dispatching platform to be used by the Primary PSAPs and dispatch centers within Salt Lake County. The RFP required the responding vendors to include an integrated solution for a multi-jurisdictional; multiagency which would assist the PSAP, Dispatch centers, and police and fire agencies to better work together is assisting 911 callers. While the core of the system is the CAD, the agencies within Salt Lake County will also be acquiring an integrated, Web-based Records Management system, a Mobile Data System for Access to CAD Data, an Operational Field-based Reporting System, and associated system interfaces used by the public service agencies within Salt Lake County. It is acknowledged that some of the components listed above are not eligible for Restricted Account CAD grant funding according the administrative guidelines. These components are funded by non Restricted Account funds and contributions.



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Component	Description	Cost	PSAP Match	Match Percent of Total
Software:	Computer Aided Dispatch Platform (CAD) Software Includes One Year Extended Warranty	\$5,811,800	\$1,213,517	20.88%
Equipment:	Hardware and Operating System Software	\$1,764,038	\$123,483	7.00%
Professional Services:	Implementation Project Manager	\$330,000	\$0	n/a
Other:	S&H, Escrow	\$1,320	\$0	n/a
	<b>Total:</b>	<b>\$7,580,886</b>	n/a	n/a
	<b>Applicable Grant Match:</b>		<b>\$1,337,000</b>	<b>100.00%</b>
	<b>Total Amount Of This Grant Application:</b>		<b>\$6, 570,158</b>	

**3.0 Please include all applicable quotes or estimates germane to this request.**

3.1 Please see Price Sheet for all Components (Exhibit A).

**4.0 Note that based on the information included in this application you may be required to provide additional justification.**

4.1 Acknowledged



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## Proposed Project and Rationale

### 5.0 List the goals and objectives of this grant application:

- 5.1 In acquiring an integrated public safety technology solution, the PSAPs and public safety agencies within Salt Lake County have committed to the following guiding principles and activities:
  - 5.1.1 Competitively acquire and implement a single Police/Fire/EMS CAD platform.
  - 5.1.2 Procure integrated police and fire records management systems (RMS).
  - 5.1.3 Acquire integrated public safety technologies that are stable, contemporary, and sustainable (for at least a decade), affording:
    - 5.1.3.1 SLC 911/VECC management with the information to measure organizational efficiency and effectiveness, and increase accountability.
    - 5.1.3.2 Information sharing amongst the participating agencies and compatibility with CAD systems throughout the state.
    - 5.1.3.3 Enhanced capacities for fire and emergency medical recommends and deployment of closest unit, move-up and mutual assistance.
    - 5.1.3.4 Increased effectiveness of SLC 911/VECC staff to perform their jobs given increasing technological demands and call volumes.
    - 5.1.3.5 Higher levels of coordinated crime prevention and reduction strategies and measures.
    - 5.1.3.6 Development of new intelligence/series based approaches to policing.
    - 5.1.3.7 Exceptional system reliability and performance.
    - 5.1.3.8 FBI CJIS Security Policy compliance.
    - 5.1.3.9 An open, flexible, reliable technology base for the future.



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## 6.0 Describe the proposed project time line:

Release RFP to Vendors .....	March 6, 2015
Vendor Inquiries Due (11:00am).....	March 13, 2015
Non-Mandatory Pre-Proposal Conference (11:00am).....	March 18, 2015
Proposal Submission Deadline (4:30pm).....	May 1, 2015
Identification of Semi-Finalists.....	May 1, 2015
Demonstrations.....	May and June, 2015
Due Diligence Investigation.....	July and August 2015
Peer to Peer and Site Visits.....	September-December 2015
Interlocal Agreements and Contract Negotiations.....	September 2015-June 2016
Anticipated Contract Award.....	August 2016

## 7.0 Describe how the project fulfills the purposes of the Computer Aided Dispatch fund as outlined in 63H-7a-303:

- 7.1. Title 63H-7a-303(2) describes the legislative intent of creating the CAD restricted account: *“The money in this restricted account shall be used exclusively for the following statewide public purposes: (a) enhancing public safety as provided in this chapter; and (b) creating a shared computer aided dispatch system including (i) an interoperable computer aided dispatch platform that will be selected, shared, or hosted on a statewide or regional basis; (ii) an interoperable computer aided dispatch platform selected by a county of the first class when; (A) authorized through an interlocal agreement between the county’s two primary public safety answering pints; and (B) the county’s computer aided dispatch platform is capable of interfacing with the platform described in Subsection (2)(b)(i); ...*
- 7.2. The requested grant funding is to assist the PSAPs in Salt Lake County in the acquisition of a single CAD system for the public safety agencies that server twenty communities within the Salt Lake Valley. This project not only fully complies and fulfils the purpose of the State CAD Restricted Account; it is an essential project to



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ensure that the right people, with the right equipment, respond to the right location in the least amount of time.

- 7.3. Salt Lake City 911 and VECC serve 1.1 million people as the two primary PSAPs answering all 911 and the majority of non-emergency calls for law enforcement, fire and emergency medical services in these communities:

- 7.2.1. Salt Lake City 911 serving:

- 7.2.1.1. Salt Lake City Police Department
- 7.2.1.2. Sandy City Police Department
- 7.2.1.3. Salt Lake City Fire Department
- 7.2.1.4. Sandy City Fire Department

- 7.2.2. Salt Lake Valley Emergency Communications Center (VECC) serving:

- 7.2.2.1. Town of Alta Marshall
- 7.2.2.2. The City of Cottonwood Heights Police Department
- 7.2.2.3. Draper City Police Department
- 7.2.2.4. Murray City Police Department
- 7.2.2.5. South Jordan City Police Department
- 7.2.2.6. South Salt Lake City Police Department
- 7.2.2.7. Unified Police Department serving:
  - 7.2.2.7.1. Copperton Township
  - 7.2.2.7.2. Granite Township
  - 7.2.2.7.3. Herriman City
  - 7.2.2.7.4. The City of Holladay
  - 7.2.2.7.5. Kearns Township
  - 7.2.2.7.6. Magna Township
  - 7.2.2.7.7. Midvale City
  - 7.2.2.7.8. The City of Millcreek
  - 7.2.2.7.9. Riverton City
  - 7.2.2.7.10. The City of Taylorsville
- 7.2.2.8. West Jordan City Police Department
- 7.2.2.9. West Valley City Police Department
- 7.2.2.10. The City of Bluffdale Fire Department
- 7.2.2.11. Murray City Fire Department
- 7.2.2.12. South Jordan City Fire Department
- 7.2.2.13. Unified Fire Authority serving:
  - 7.2.2.13.1. The Town of Alta
  - 7.2.2.13.2. Copperton Township



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- 7.2.2.13.3. The City of Cottonwood Heights
- 7.2.2.13.4. Draper City
- 7.2.2.13.5. Granite Township
- 7.2.2.13.6. Herriman City
- 7.2.2.13.7. The City of Holladay
- 7.2.2.13.8. Kearns Township
- 7.2.2.13.9. Magna Township
- 7.2.2.13.10. Midvale City
- 7.2.2.13.11. City of Millcreek
- 7.2.2.13.12. The City of Riverton
- 7.2.2.13.13. The City of Taylorsville
- 7.2.2.14. West Jordan City Fire Department
- 7.2.2.15. West Valley City Fire Department
- 7.3. Consistent with UCA 63H-7a-303, the two primary PSAPs in Salt Lake County, have been working together to determine the practical and financial feasibility of acquiring and installing a single Computer Aided Dispatch (CAD) system for the Public Safety Answering Points (PSAPs) in Salt Lake County and the Law Enforcement, Fire and Emergency Medical Service agencies for which the two PSAPs answer 911 calls and dispatch services.
- 7.4. As required by UCA 63H-7a-303, City 911 and VECC entered into an Interlocal Agreement which detailed the process required for the two PSAPs and public safety agency operating within Salt Lake County to procure and implement a common CAD platform and other public safety software which would be interoperable with a single CAD platform that is or maybe selected, maintained, shared or hosted on a statewide or regional basis.
- 7.5. The parties to the interlocal agreement has been engaged in a process spanning more than eighteen months of research, discussions and review of top level CAD vendors whose proposals address the complexities of a CAD, RMS and mobile data needs of the eighteen local government entities providing police, fire and emergency medical services within the Salt Lake valley.
- 7.6. The parties have now identified the optimal public safety technology solution for Salt Lake County as provided in UCA 63H-7a-303 for counties of the first class, and is now poised to award a contract to the vendor.



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**8.0 Please note that based on the information included in this grant application you may be required to provide additional justification.**

Acknowledged



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## Terms and Conditions

By signing the application below, the PSAP agrees to the following terms and conditions:

1. The PSAP agrees to comply with all:
  - a. requirements in Title 63H, Chapter 7a, Part 3; and Title 69, Chapter 2 of the Utah Code;
  - b. applicable rules and policies regarding the expenditure of grant funds; and
  - c. State of Utah purchasing and procurement requirements.
2. The PSAP assumes all responsibility for implementation of the above-described project, including the procurement of goods and services.
3. Upon request, the PSAP agrees to report to the Utah Communications Authority regarding the status of the project.
4. If the PSAP has not submitted an invoice for reimbursement of project costs, along with supporting documentation, to the Utah Communications Authority within one year from the date the grant was awarded, the grant may be terminated and all funds will be de-obligated.
5. The PSAP agrees that the grant shall only be used for the purposes specified herein. Any equipment acquired with money from the grant and not used for the purpose identified herein shall within 30 days of its non-compliant use revert back to the Utah Communications Authority with no encumbrance thereupon by the PSAP, save the local share actually contributed by the PSAP.
6. Where the PSAP and its partnering agencies maintain digital mapping (GIS) data resources depicting streets and their address ranges, address point, and common place points, this GIS data will be stored and maintained in a manner that is compatible with statewide standards stewarded by AGRC. The PSAP agrees to work with AGRC to ensure that these GIS data resources are kept current for regional and statewide applications including: address locators, route/milepost locators, place/name locators and base map services. The PSAP shall refer any questions or issues regarding the use of GIS, GPS, and other mapping technologies to the AGRC.
7. Breaches of any of the terms or conditions of the Grant Application and Agreement may result in de-obligation of funds and/or imposition liquidated damages against the PSAP.



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- 8. The PSAP agrees to participate in the statewide 911 data management system (ECaTS) sponsored by the Utah Communications Authority.
- 9. The PSAP acknowledges that the Utah Communications Authority cannot contract for the payment of funds not yet appropriated by the Utah State Legislature. If funding to the 911 fund is reduced or not provided, the Utah Communications Authority may terminate this contract or proportionately reduce the amount obligated under the grant upon 30 days written notice. If funds are not appropriated or are reduced, the Utah Communications Authority will reimburse the PSAP for products delivered or services performed through the date of cancellation or reduction, and the Utah Communications Authority will not be liable for any future commitments, penalties, or liquidated damages.
- 10. In situations where a project is completed and there are unspent grant funds left over, those funds shall be automatically de-obligated within one year of the approval of the original grant.
- 11. In cases of extenuating circumstances, a PSAP may request, in writing, an extension to the de-obligation rule.
- 12. Where applicable, PSAPs shall provide evidence from the Bureau of Emergency Medical Services (BEMS) that they are a Designated Emergency Medical Dispatch Center.

Authorized PSAP Signature \_\_\_\_\_ Date: \_\_\_\_\_

Authorized PSAP Signature \_\_\_\_\_ Date: \_\_\_\_\_

### RECOMMENDATION FOR APPROVAL

**Program Manager, 911 Division:**

\_\_\_\_\_  
Eric N. Parry, ENP

Date \_\_\_\_\_



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## APPROVAL

By the signature below, the Utah Communications Authority hereby agrees to provide the funds described herein to the PSAP from Computer Aided Dispatch Restricted Account created in Section 63H-7a-303.

Utah Communications Authority Signature:

\_\_\_\_\_

Date \_\_\_\_\_

Tina Mathieu, Chair



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CAD/RMS/FireRMS/FBR			US\$	US\$	RMS	FBR	MDC
Item Description By Functional Use	Purpose	Qty	Unit Price	Total Price	Excluded	Excluded	Excluded
<b>CAD PRODUCTION ENVIRONMENT</b>							
<b>I/CAD Database Server #1</b>							
I/Executive High Availability (IPS0001HA)	Monitors CAD system transactions. Includes ANI/ALI	1	73,459	73,459			
<b>Archive Server</b>							
I/Backup - No Cost License (IPS0035NC)	Facilitates backup of the CAD database to this tertiary server	1	Included at no additional cost				
<b>Web Application Server</b>							
I/NetViewer - 50 concurrent users (IPS0042b)		1	55,650	55,650			
I/NetViewer - 100 concurrent users (IPS0042c)		1	100,170	100,170			
I/NetDispatcher - 25 concurrent users (IPS0045f)		1	111,300	111,300			
<b>Intergraph Communications Controller Server #1</b>							
Intergraph Communications Controller Server NL (IPS0081)		1	15,000	15,000			
EdgeFrontier Runtime Engine (IPS3042)		1	20,000	20,000			
<b>Intergraph Communications Controller Server #2 (Redundant)</b>							
Intergraph Communications Controller Server NL - RDT (IPS0081RDT)		1	10,500	10,500			
EdgeFrontier Runtime Engine - Redundant License (IPS3042-RDT)		1	14,000	14,000			



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Item Description By Functional Use	Purpose	Qty	Unit Price	Total Price	Excluded	Excluded	Excluded
<b>Business Intelligence (BI) Direct for CAD and WebRMS Server</b>							
BIDirect for inPURSUIT WebRMS (includes 20 CC User Licenses) (SBND3090L)		1	24,000	24,000	24,000		
Business Intelligence Direct for CAD Bundle - 10 NUL (SBND3081L)		1	18,000	18,000			
<b>Interface / Communications Server #1</b>							
ANI-ALI (Included with I/Executive)		1	Included at no additional cost				
Master Clock Interface		1	Included at no additional cost				
ProQA Interface (Included with I/Executive HA)		1	Included at no additional cost				
I/Informer (IPS0004)	Allows query to external interfaces	1	24,486	24,486			
Custom Services for I/Informer to UCJIS/NCIC (IPSCADCUST-IPS0004-A)		1	22,524	22,524			
Custom Services for I/Informer to FireHouse FMRS (IPSCADCUST-IPS0004-B)		1	7,508	7,508			
Custom Services for I/Informer to ACELA (IPSCADCUST-IPS0004-C)		1	22,524	22,524			
Custom Services for I/Informer to State Pawn Database (IPSCADCUST-IPS0004-G)		1	37,540	37,540			
I/Page (IPS0012)	SMTP	1	22,260	22,260			
I/Page (IPS0012-1)	TAP	1	22,260	22,260			
I/FRMS-CADlink (IPS0048-1)	To Zoll FRMS	1	11,130	11,130		11,130	
I/FRMS-CADlink (IPS0048-2)	To ImageTrend FRMS	1	11,130	11,130		11,130	
I/CADLink to RMS (IPS0051)	To Zoll Medical RMS	1	11,130	11,130	11,130		



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Item Description By Functional Use	Purpose	Qty	Unit Price	Total Price	Excluded	Excluded	Excluded
I/Fire Station Alerting (IPS0052)	Zetron	1	11,130	11,130			
EdgeFrontier Runtime Engine (IPS3042)		1	20,000	20,000			
EdgeFrontier Interface to WebEOC (IPSCADCUST-1)		1	15,016	15,016			
EdgeFrontier Interface for Phoenix Fire Station Alerting (IPSCADCUST-2)		1	8,771	8,771			
EdgeFrontier Interface to Gold Cross Ambulance CAD (IPSCADCUST-3)		1	22,524	22,524			
EdgeFrontier Interface to FATPOT (IPSCADCUST-6)		1	15,016	15,016			
EdgeFrontier Interface to Palantir (IPSCADCUST-8)		1	22,524	22,524			
CAD Custom Interface to Polaris - Utah BEMS (IPSCADCUST-9)		1	15,016	15,016			
Mobile Responder Informer Transactions (IPSCADCUST-12)		1	7,508	7,508			
Informer Nested Queries (IPSCADCUST-13)		1	22,524	22,524			
<b>Mobile Communications Server #1</b>							
I/Mobile Data Terminal (IPS0009)		1	48,972	48,972			48,972
Intergraph Mobile Responder Server (1-250 users) Bundle (SBND3206L)		1	20,000	20,000			20,000
I/Tracker (IPS0015)	TAIP and NMEA	2	27,825	55,650			55,650
<b>Mobile Communications Server #2</b>							
I/Mobile Data Terminal (IPS0009)		1	48,972	48,972			48,972
I/Tracker (IPS0015)	TAIP and NMEA	2	27,825	55,650			55,650
<b>Mobile Communications Server #3</b>							
I/Mobile Data Terminal (IPS0009)		1	48,972	48,972			48,972



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Item Description By Functional Use	Purpose	Qty	Unit Price	Total Price	Excluded	Excluded	Excluded
I/Tracker (IPS0015)	TAIP and NMEA	2	27,825	55,650			55,650
<b>vCenter Server</b>							
Microsoft SQL Server 2008 R2 Express (Download)		1	Included at no additional cost				
VMware vCenter Server Standard for vSphere 5 - ( v.6) - license - 1 instance		1	12,984	12,984			
<b>WebRMS PRODUCTION ENVIRONMENT</b>							
<b>WebRMS Application Server #1 (MS NLB)</b>							
WebRMS Server License (RMS0016)		1	87,000	87,000	87,000		
Apache Tomcat 6 (Free Download)		1	Included at no additional cost				
Crystal Reports for Eclipse		1	Included at no additional cost				
<b>WebRMS Application Server #2 (MS NLB)</b>							
WebRMS Server License - Load Balancing License (RMS0016LOB)		1	Included at no additional cost				
Apache Tomcat 6 (Free Download)		1	Included at no additional cost				
Crystal Reports for Eclipse		1	Included at no additional cost				
<b>WebRMS Application Server #3 (MS NLB)</b>							
WebRMS Server License - Load Balancing License (RMS0016LOB)		1	Included at no additional cost				
Apache Tomcat 6 (Free Download)		1	Included at no additional cost				
Crystal Reports for Eclipse		1	Included at no additional cost				
<b>WebRMS Interface Server #1</b>							
EdgeFrontier Runtime Engine (IPS3042)		1	20,000	20,000	4,800		
WebRMS Connect for EdgeFrontier (IPS2043)		1	35,000	35,000	35,000		



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Item Description By Functional Use	Purpose	Qty	Unit Price	Total Price	Excluded	Excluded	Excluded
WebRMS Connect for EdgeFrontier - Limited Use (IPS2043A)		1	Included at no additional cost				
WebRMS Queries to UCJIS/NCIC (IPSRMSCUST-1)		1	11,319	11,319	11,319		
EdgeFrontier Interface to LiveScan/AFIS (IPSRMSCUST-2)		1	24,255	24,255	24,255		
EdgeFrontier Interface for Citation Import (IPSRMSCUST-3)		1	30,319	30,319	30,319		
EdgeFrontier Interface to CopLogic (IPSRMSCUST-4)		1	24,255	24,255	24,255		
EdgeFrontier Interface to CORIS - Utah Court System (IPSRMSCUST-5)		1	24,255	24,255	24,255		
EdgeFrontier Interface to BAIR Analytics (IPSRMSCUST-6)		1	8,085	8,085	8,085		
EdgeFrontier Interface to DSI/ITI Offender Management System (OMS) (IPSRMSCUST-7)		1	40,425	40,425	40,425		
EdgeFrontier Interface to Public Engines (Crime Reports) (IPSRMSCUST-9)		1	24,255	24,255	24,255		
Custom FBR Accident Module and Import into WebRMS (IPSRMSCUST-10)		1	50,127	50,127		50,127	
Export of Accident Data from WebRMS to UT State (IPSRMSCUST-11)		1	50,127	50,127	50,127		
<b>WebRMS FBR Server #1 (MS NLB)</b>							
WebRMS FBR Server (RMS0028)		1	29,000	29,000	29,000		
<b>WebRMS FBR Server #2 (MS NLB)</b>							
WebRMS FBR Server - Load Balancing License (RMS0028LOB)		1	Included at no additional cost				
<b>WebRMS FBR Server #3 (MS NLB)</b>							
WebRMS FBR Server - Load Balancing License (RMS0028LOB)		1	Included at no additional cost				



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Item Description By Functional Use	Purpose	Qty	Unit Price	Total Price	Excluded	Excluded	Excluded
<b>SECONDARY ENVIRONMENT (SITE 2 - REDUNDANT)</b>							
<b>I/CAD Database Server #2</b>							
I/Executive High Availability - Backup License (IPS0001HABCK)		1	Included at no additional cost				
<b>Interface / Communications Server #2 (Redundant)</b>							
ANI-ALI (Included with I/Executive) (ANI-ALI)		1	Included at no additional cost				
Master Clock Interface (XNTP)		1	Included at no additional cost				
ProQA Interface (Included with I/Executive HA) (PQA)		1	Included at no additional cost				
I/Informer - Redundant License (IPSCADCUST-IPS0004RDT)		1	17,140	17,140			
I/Page - Redundant License (IPS0012RDT)		2	15,582	31,164			
I/FRMS-CADlink - Redundant License (IPS0048RDT-1)	To Zoll FRMS	1	7,791	7,791		7,791	
I/FRMS-CADlink - Redundant License (IPS0048RDT-2)	To ImageTrend FRMS	1	7,791	7,791		7,791	
I/CADLink NL - Redundant License (IPS0051RDT)	To Zoll Medical RMS	1	7,791	7,791	7,791		
I/Fire Station Alerting - Backup License (IPS0052BCK)		1	0	0			
EdgeFrontier Runtime Engine - Redundant License (IPS3042-RDT)		1	14,000	14,000			
Standard and Custom Interfaces – Test, Training, Redundant and Backup Copies are available for all proposed interfaces, however, implementation is subject to the customer’s ability to provide connection to the applicable system.		1					
<b>Mobile Communications Server #1 (Redundant)</b>							
I/Mobile Data Terminal - Redundant License (IPS0009RDT)		1	34,280	34,280			34,280



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Item Description By Functional Use	Purpose	Qty	Unit Price	Total Price	Excluded	Excluded	Excluded
I/Tracker - Redundant License (IPS0015RDT)		2	19,478	38,956			38,956
<b>Mobile Communications Server #2 (Redundant)</b>							
I/Mobile Data Terminal - Redundant License (IPS0009RDT)		1	34,280	34,280			34,280
I/Tracker - Redundant License (IPS0015RDT)		2	19,478	38,956			38,956
<b>Mobile Communications Server #3 (Redundant)</b>							
I/Mobile Data Terminal - Redundant License (IPS0009RDT)		1	34,280	34,280			34,280
I/Tracker - Redundant License (IPS0015RDT)		2	19,478	38,956			38,956
<b>Intergraph Communications Controller Server #1 (Redundant)</b>							
Intergraph Communications Controller Server NL - RDT (IPS0081RDT)		1	10,500	10,500			
EdgeFrontier Runtime Engine - Redundant License (IPS3042-RDT)		1	14,000	14,000			
<b>Intergraph Communications Controller Server #2 (Redundant)</b>							
Intergraph Communications Controller Server NL - RDT (IPS0081RDT)		1	10,500	10,500			
EdgeFrontier Runtime Engine - Redundant License (IPS3042-RDT)		1	14,000	14,000			
<b>WebRMS Application Server #4 (MS NLB)</b>							
WebRMS Server License - Redundant License (RMS0016RDT)		1	60,900	60,900	60900		
Apache Tomcat 6 (Free Download)		1	Included at no additional cost				
Crystal Reports for Eclipse		1	Included at no additional cost				



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Item Description By Functional Use	Purpose	Qty	Unit Price	Total Price	Excluded	Excluded	Excluded
<b>WebRMS Application Server #5 (MS NLB)</b>							
WebRMS Server License - Redundant License (RMS0016RDT)		1	60,900	60,900	60,900		
Apache Tomcat 6 (Free Download)		1	Included at no additional cost				
Crystal Reports for Eclipse		1	Included at no additional cost				
<b>WebRMS Interface Server #2 (Redundant)</b>							
EdgeFrontier Runtime Engine - Redundant License (IPS3042-RDT)		1	14,000	14,000	14,000		
WebRMS Connect for EdgeFrontier - RDT (IPS2043RDT)		1	24,500	24,500	24,500		
Standard and Custom Interfaces – Test, Training, Redundant and Backup Copies are available for all proposed interfaces, however, implementation is subject to the customer’s ability to provide connection to the applicable system.		1					
<b>WebRMS FBR Server #4 (MS NLB)</b>							
WebRMS FBR Server - Redundant License (RMS0028RDT)	Production Environment	1	20,300	20,300	20,300		
<b>vCenter Server</b>							
Microsoft SQL Server 2008 R2 Express (Download)		1	Included at no additional cost				
VMware vCenter Server Standard for vSphere 5 - ( v.6) - license - 1 instance		1	12,984	12,984			
<b>CAD TEST ENVIRONMENT</b>							
<b>I/CAD Interface / Communications Test Server</b>							
ANI-ALI (Included with I/Executive) (ANI-ALI)		1	Included at no additional cost				
Master Clock Interface (XNTP)		1	Included at no additional cost				
ProQA Interface (Included with I/Executive HA) (PQA)		1	Included at no additional cost				



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Item Description By Functional Use	Purpose	Qty	Unit Price		Total Price	Excluded	Excluded
I/Executive High Availability - Test License (IPS0001HATST)		1	Included at no additional cost				
I/NetViewer - 5 concurrent users - Test License (IPS0042TST)		1	Included at no additional cost				
I/NetDispatcher - 5 concurrent users - Test License (IPS0045TST)		1	Included at no additional cost				
I/Informer - Test License (IPSCADCUST-IPS0004TST)		1	Included at no additional cost				
I/Mobile Data Terminal - Test License (IPS0009TST)		1	Included at no additional cost				
I/Tracker - Test License (IPS0015TST)	TAIP and NMEA	2	Included at no additional cost				
EdgeFrontier Runtime Engine - Test License (IPS3042-TST)		1	Included at no additional cost				
EdgeFrontier Developer Engine (IPS3042DEV)		1	15,000	15,000			
Standard and Custom Interfaces – Test, Training, Redundant and Backup Copies are available for all proposed interfaces, however, implementation is subject to the customer’s ability to provide connection to the applicable system.		1					
<b>Intergraph Communications Controller Test Server</b>							
Intergraph Communications Controller Server NL - TST (IPS0081TST)		1	Included at no additional cost				
EdgeFrontier Runtime Engine - Test License (IPS3042-TST)		1	Included at no additional cost				
<b>WebRMS TEST ENVIRONMENT</b>							
<b>WebRMS Application/Interface/FBR Test Server</b>							
EdgeFrontier Runtime Engine - Test License (IPS3042-TST)		1	Included at no additional cost				
WebRMS Connect for EdgeFrontier - TST (IPS2043TST)		1	Included at no additional cost				
WebRMS Server License - Test License (RMS0016TST)		1	Included at no additional cost				



# CAD Grant Application



Item Description By Functional Use	Purpose	Qty	Unit Price		Total Price	Excluded	Excluded
WebRMS FBR Server - Test License (RMS0028TST)	WebRMS Test Environment	1	Included at no additional cost				
Apache Tomcat 6 (Free Download)		1	Included at no additional cost				
Crystal Reports for Eclipse		1	Included at no additional cost				
Standard and Custom Interfaces – Test, Training, Redundant and Backup Copies are available for all proposed interfaces, however, implementation is subject to the customer’s ability to provide connection to the applicable system.		1					
<b>CLIENT ENVIRONMENT</b>							
<b>I/Calltaker Workstations</b>							
I/Calltaker (IPS0003)		29	4,452	129,108			
Intergraph Communications Controller Client NL (IPS0081A)		50	1,000	50,000			
EdgeFrontier Runtime Engine Pack for up to 50 Clients (IPS3042H)		1	10,000	10,000			
<b>I/Dispatcher Workstations</b>							
I/Dispatcher (IPS0002)		111	18,365	2,038,515			
<b>I/Dispatcher Test Workstations</b>							
I/Dispatcher - Test License (IPS0002TST)		16	Included at no additional cost				
<b>I/Dispatcher Backup Workstations</b>							
I/Dispatcher - Backup License (IPS0002BCK)		15	Included at no additional cost				
<b>Map Maintenance Workstation</b>							
I/Dispatcher - Test License (IPS0002TST)		1	Included at no additional cost				
I/Map Editor for ArcGIS CC (IPS1184)		1	4,127	4,127			



# CAD Grant Application



Item Description By Functional Use	Purpose	Qty	Unit Price	Total Price	Excluded	Excluded	Excluded
Map Administration Utility (IPS0082)		1	10,500	10,500			
I/Incident Analyst CC w/GeoMedia Advantage CC (SBND6106L)		1	9,816	9,816			
<b>Mobile Data Computers</b>							
Mobile for Public Safety - Concurrent User License (IPS0080)		637	1,113	708,981			708,981
Intergraph Mobile Responder Client - 10 Tablet CALs (IPS3204A)		3	3,000	9,000			9,000
Intergraph Mobile Responder Client - 100 Smartphone CALs (IPS3205B)		1	15,000	15,000			15,000
WebRMS FBR Client CC (RMS1129)		667	1,590	1,060,530	1,060,530		
<b>WebRMS Workstations</b>							
WebRMS Concurrent User License (RMS0017)		667	1,600	1,067,200	1,067,200		
<b>Professional Services</b>							
Project Management Services		1	574,896	574,896			
CAD Implementation Services		1	335,728	335,728			
RMS Implementation Services		1	350,870	350,870	350,870		
BI Direct Implementation Services - RMS		1	7,955	7,955	7,955		
Mapping Implementation Services		1	30,098	30,098			
Consulting Services		1	18,855	18,855			
BI Direct Imp Services - CAD		1	7,955	7,955			
CAD Interfaces Implementation Services		1	368,601	368,601			
CAD Data Conversion Study		1	22,408	22,408			
RMS Data Conversion Study		1	26,386	26,386	26,386		



# CAD Grant Application



Item Description By Functional Use	Purpose	Qty	Unit Price	Total Price	Excluded	Excluded	Excluded
Mobile Responder Implementation Services		1	20,033	20,033			20,033
FBR Installation / Testing		1	77,644	77,644		77,644	
<b>Training Services</b>							
EdgeFrontier Developer Training		1	20,790	20,790			
I/CAD Essentials for Core Team (IPST2001)		1	11,970	11,970			
I/CAD Reassessment (IPST2006)		1	10,395	10,395			
I/CAD Essentials for Trainers (IPST2011)		1	11,970	11,970			
I/NetViewer - I/NetDispatcher for Trainers (IPST2404)		1	8,820	8,820			
I/CAD System Administration & Maintenance Essentials (IPST9003)		1	10,395	10,395			
Map Fundamentals Workshop for I/CAD Systems (IPST1002)		1	8,820	8,820			
Map Basics for I/CAD Systems (IPST8001)		1	11,970	11,970			
Map Maintenance for I/CAD Systems (IPST8003)		1	10,395	10,395			
Map Roll Consulting for I/CAD Systems (IPST8004)		1	11,970	11,970			
MPS Reassessment (IPST2007)		3	11,970	35,910			
MPS Workflow and Configuration Workshop 1 (IPST2502)		3	23,940	71,820			
MPS Workflow and Configuration Workshop 2 (IPST2502)		3	11,970	35,910			
MPS Workflow and Configuration Workshop 3 (IPST2502)		3	11,970	35,910			
MPS for Trainers (IPST2503)		3	7,245	21,735			
MPS Administration and Configuration (IPST3112)		1	10,395	10,395			
I/Incident Analyst Configuration and Administration (IPST6001)		1	10,395	10,395			



# CAD Grant Application



Item Description By Functional Use	Purpose	Qty	Unit Price	Total Price	Excluded	Excluded	Excluded
I/Incident Analyst User Training (IPST6002)		1	8,820	8,820			
BI Direct for CAD - System Administrator Training (IPST7008)		1	5,670	5,670			
BI Direct for CAD - User Training (IPST7009)		1	4,725	4,725			
BI Direct for WebRMS - System Administrator Training (IPST3300)		1	5,670	5,670	5,670		
BI Direct for WebRMS - End User Training (IPST3301)		1	4,725	4,725	4,725		
Intergraph Kickoff Meeting	RMS	1	4,095	4,095	4,095		
WebRMS System Overview & Configuration Training (IPST3501)		1	4,095	4,095	4,095		
WebRMS System IT Administrative Training Course (IPST3502)		1	4,095	4,095	4,095		
WebRMS Train-The-Trainer Training (IPST3503)		1	11,970	11,970	11,970		
WebRMS Reports and Deployment (IPST3504)		1	4,095	4,095	4,095		
FBR for WebRMS System IT administrative Training (IPST4011)		1	4,095	4,095		4,095	
FBR for WebRMS System Overview and Configuration Training (IPST4010)		1	4,095	4,095		4,095	
FBR for WebRMS Train-The-Trainer Training (IPST4012)		1	4,095	4,095		4,095	
Intergraph Customized Training (IPST4000) - Six Mth Refresher		1	9,450	9,450			
Intergraph Communications Controller System Administrative Training		1	7,245	7,245			
Intergraph Communications Controller End User Training		1	4,725	4,725			
<b>Shipping, Installation, Bonds, Escrow, Insurance, Warranty</b>							
Shipping and Insurance		1	375	375			
Escrow Administration fee per year		1	500	500			
Business Intelligence software warranty during implementation period		1	7,788	7,788			
<b>TOTAL SYSTEM BASE PRICE:</b>				<b>\$ 9,556,945</b>	<b>\$ 3,168,302</b>	<b>\$ 177,898</b>	<b>\$ 1,306,588</b>



# CAD Grant Application



## SLC911/VECC Consolidated CAD and Public Safety Technology Solution

Description	Purpose	Qty	Unit Price	Total Price
			<b>DL380</b>	
HP DL360 – Two 18-Core Processors; 256GB RDIMM RAM; vSphere EnterprisePlus v5, 2 Licenses; 1GB Internal SD Cards for OS; DVD-ROM Combo Drive; Quad Port 1GB NIC; Dual Power Supplies; Host Bus Adapter; 5 years of 24x7 Proactive Care	Production Environment	6	\$18,946.38	\$113,678.28
HP DL360 – Two 18-Core Processors; 256GB RDIMM RAM; vSphere EnterprisePlus v5, 2 Licenses; 1GB Internal SD Cards for OS; DVD-ROM Combo Drive; Quad Port 1GB NIC; Dual Power Supplies; Host Bus Adapter; 5 years of 24x7 Proactive Care	Production Environment for BI Premium	1	\$18,946.38	\$18,946.38
HP DL360 – Two 18-Core Processors; 256GB RDIMM RAM; vSphere EnterprisePlus v5, 2 Licenses; 1GB Internal SD Cards for OS; DVD-ROM Combo Drive; Quad Port 1GB NIC; Dual Power Supplies; Host Bus Adapter; 5 years of 24x7 Proactive Care	Secondary Environment	3	\$18,946.38	\$56,839.14
Dell 4220 42U Rack with Doors and Side Panels; 24 Amp PDU (qty 4); 1U KMM Console with Touchpad Keyboard and LCD; PowerEdge 2161 - 16 Port Keyboard/Video/Mouse Analog Switch; USB Server Interface Pod; 3 YR Business Hours (5X10) Next Business Day Parts Delivery; 2 YR Dell Hardware Limited Warranty Extended	Production Environment	1		\$0.00



# CAD Grant Application



Dell 4220 42U Rack with Doors and Side Panels; 24 Amp PDU (qty 4); 1U KMM Console with Touchpad Keyboard and LCD; PowerEdge 2161 - 16 Port Keyboard/Video/Mouse Analog Switch; USB Server Interface Pod; 3 YR Business Hours (5X10) Next Business Day Parts Delivery; 2 YR Dell Hardware Limited Warranty Extended	Secondary Environment	1		\$0.00
EMC VNX 5400 28.4TB 57,000 IOPs (5) 200 GB Fast Cache Drives (34) 200GB Fast VP drives (21) 900GB 10k Drives (21) 1.2 10k Drives	Production Environment	1		\$166,350.80
EMC VNX 5200 16TB 28,000 IOPs (5) 200 GB Fast Cache Drives (25) 200GB Fast VP drives (7) 900GB 10k Drives (11) 1.2 10k Drives	Secondary Environment	1		\$119,531.03
Hardware Load Balancers; Barracude 540; Barracuda Energize Updates virus definitions update - 1 year; Barracuda Instant Replacement extended service agreement - 1 year - shipment	Production Environment	2		\$16,879.40
Hardware Load Balancers; Barracude 540; Barracuda Energize Updates virus definitions update - 1 year; Barracuda Instant Replacement extended service agreement - 1 year - shipment	Secondary Environment	2		\$16,879.40
<b>System Hardware</b>				\$509,104.43
<b>Operating System Software Total (Microsoft)</b>				\$1,322,764.48



# CAD Grant Application



Total Hardware and System Software	\$1,831,868.91	
Discount	\$67,830.91	
Negotiated Discount Price	\$1,764,038.00	

## Exhibit No. Two

### Attachment A – Eligible CAD Functional Elements

(i) Hardware: Servers and other hardware are eligible for full reimbursement when the equipment is required to support the core CAD functionality. New CAD requires hardware and third part operating software that will also supports associated functions such as Records Management Systems is eligible for reimbursement at the apportioned rate of documented use the apportioned costs to core CAD functions and other operational components is as follows:

(ii) Software: CAD software fulfilling the core missions of call entry, address verification, unit recommendation, dispatching and tracking of units, and mapping. Eligible items include:

(ii)(a) Core System to support CAD ((apportioned to actual cost of modules to support CAD)

(ii)(b) CAD application

(ii)(c) Geo-base address verification

(ii)(d) Mapping

(ii)(e) Automatic Vehicle Location

(ii)(f) Unit Recommendations or Response Plans

(ii)(g) E911 copy-over

(ii)(h) Interfaces to closely related 3rd party applications (medical/fire/police card system, fire department paging system, or UCJIS)

(ii)(i) Premise (apportioned at 50%)

(iii) Professional Services: (installation, configuration, etc.) apportioned for eligible items.

(iv) Maintenance: Ineligible other than CAD2CAD interface.

(v) Database Merging/Conversion: Eligible for CAD data merging/conversion, apportioned at 50% if RMS data is also included in the merge/conversion.

**(vi) Ineligible software items include, but are not limited to:**

(vi)(a) RMS related modules

(vi)(b) System dashboards or monitoring

(vi)(c) Aerial photography

(vi)(d) Equipment tracking

(vi)(e) Personnel tracking

(vi)(f) Imaging

(vi)(g) Pin-mapping or statistics packages

**The total project will cost Salt Lake 911 and VECC communities \$13,161,170 of which the grant funds requested total \$6, 243,886 or 47.4%.**