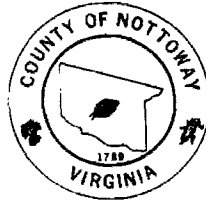


OFFICE OF
THE BOARD OF SUPERVISORS
NOTTOWAY COUNTY

SUPERVISORS

CLARENCE A. SIMPSON, CHAIRMAN
DISTRICT 5
R. RAY TAYLOR, VICE CHAIRMAN
DISTRICT 1
SIDNEY E. LOCKE
DISTRICT 2
JACK J. GREEN
DISTRICT 3
SHERMAN C. VAUGHN
DISTRICT 4



P. O. BOX 92
344 W. COURTHOUSE RD.
NOTTOWAY, VIRGINIA 23955
TELEPHONE (434) 645-8696
FAX No. (434) 645-8667
E-MAIL: Nottoway@meckcom.net

ADMINISTRATOR
RONALD E. ROARK

BUILDING INSPECTOR
A. Q. ELLINGTON, III

COUNTY PLANNER
JOHN N. PROSISE

NOTTOWAY COUNTY, VIRGINIA

NOTICE OF REQUEST FOR PROPOSAL

**RE: E911 MAPPED AUTOMATIC LOCATION IDENTIFICATION
(ALI)
PROJECT**

Nottoway County, Virginia is requesting proposals for the design, provision, installation, service and maintenance of an E911 Mapped Automatic Location Identification System.

Proposals must be received in the Nottoway County Administrator's Office (Attn: Ronnie Roark) County Administrator, 344 West Courthouse Rd., Nottoway, Virginia 23955, **prior to 10:30 A.M.**, local prevailing time, on Wednesday May 19, 2004. The envelope containing each proposal should be clearly identified on the outside, as "Proposal, E911 Mapped Automatic Location Identification Project", and each envelope should contain one (1) original and six (6) copies of the proposal. Telefax or other electronic proposals will not be accepted, and no proposals will be accepted at 10:30 or thereafter, on May 19, 2004. Selection shall be made of two or more offerors deemed to be fully qualified and best suited, on the basis of the factors involved in the Request for Proposal. Negotiations shall then be conducted with each of the offerors so selected. Price shall be considered, but need not be the sole factor.

The complete Request for Proposal for the above project may be obtained from the County Administration Office, 344 West Courthouse Rd, Nottoway, telephone number: (434) 645-8696,
From 8:30 A.M. to 5:00 P.M., Monday through Friday (holidays excluded). Inquiries concerning the Request for Proposal may be made via telefax at the following number: (434) 645-8667.

TABLE OF CONTENTS

<u>1.0 SOLICITATION AND DEFINITIONS</u>	4
1.1 General.....	4
1.2 Background	4
1.3 Goals and Objectives	4
1.4 Proposal Requirements	5
1.5 Proposer Incurred Costs.....	5
1.6 Addenda	5
1.7 Definition of Terms	6
<u>2.0 PROPOSAL INFORMATION</u>	8
2.1 Request for Proposal.....	8
2.2 Submission of Proposal	8
2.3 Schedule of Activities.....	8
2.4 Proposals Property of Nottoway County	9
2.5 Nottoway County’s Reservation of Rights	9
2.6 Inconsistency or Error in RFP	9
2.7 Proposer Errors or Omissions	9
2.8 Modification or Withdrawal of Proposal	9
2.9 Exceptions.....	9
2.10 Rejections of Solicitation Responses.....	10
2.11 Proposer Certification.....	10
2.12 Covenant Against Contingent Fees	10
2.13 Nottoway County’s Right to Disqualify for Conflict of Interest	10
2.14 Proposed Contract	10

2.15 Protest of Award.....	11
2.16 Proposer Inquiries.....	11
<u>3.0 GENERAL TERMS / CONDITIONS</u>	12
3.1 General.....	12
3.2 Order of Precedence	12
3.3 Compliance with Laws	12
3.4 Indemnity Clause.....	12
3.5 Patent, Copyright and Trade Secret Indemnity	13
3.6 Organization Employment Disclaimer	13
3.7 Method of Payment	14
3.8 Liens	14
3.9 Delay in Exercising Contract Remedy	14
3.10 Contractor Performance.....	14
3.11 Confidentiality of Information	14
3.12 Insurance	14
<u>4.0 PROPOSAL FORMAT EVALUATION</u>	16
4.1 Proposal Format	16
4.2 Proposal Submittal Instructions, General	16
4.3 Evaluation of Proposals	16
4.4 References.....	17
<u>5.0 SCOPE OF WORK</u>	18
5.1 Application Software.....	18
5.2 Documentation	18
5.3 Hardware.....	18

5.4	Installation.....	18
5.5	Training.....	18
5.6	Support.....	18
5.7	Software Maintenance	19
5.8	Custom Programming.....	19
5.9	GIS Data Preparation and Guidance.....	19
5.10	ALI/GIS Audit.....	19
6.0	<u>FUNCTIONAL REQUIREMENTS</u>	20
6.1	General.....	20
6.2	Configuration and Administration Requirements	20
6.3	Map Viewer Functionality	24
6.4	Security	29
6.5	Navigation.....	30
6.6	Searching.....	31
6.7	Emergency Display.....	33
6.8	Source of Location Information	37
6.9	Discrepancy Management.....	38
6.10	Premise Information Management	40
6.11	Application and File Synchronization	42
6.12	Application Programming Interface (API)	44

1.0 SOLICITATION AND DEFINITIONS

1.1

GENERAL

Nottoway County invites sealed proposals for the 911 Mapped Automatic Location Identification (ALI) Project, in accordance with the provisions specifications, and proposal instructions set forth in this Request For Proposal (RFP). Proposals will be received by Nottoway County Administrator's Office, 344 West Courthouse Road, Nottoway, Virginia 23955, until May 19, 2004 at 10:30 a.m. EASTERN STANDARD TIME (EST), at which time they will be opened and each respondent's name will be publicly read. Late proposals will not be considered.

Firms are also responsible for maintaining their eligibility during the life of any contract and failure to do so may result in termination of the contract. Nottoway County extends to each individual, firm, vendor, supplier, contractor and subcontractor an equal economic opportunity to compete for County business. Successful majority firms are expected to use disadvantaged, minority-owned and women-owned businesses in the subcontract and purchasing of services and commodities that reflect the business community ethnic composition.

1.2

BACKGROUND

The 911 Mapped ALI Project will enable the PSAP to display the location of wireline and wireless 911 callers on a map at all answering positions at the PSAP. This project must adhere to the guidelines mandated by the Federal Communications Commission (FCC). The Federal Communication Commission has mandated an increased level of Enhanced 911 service from wireless (cellular) telecommunications providers and PSAPs. The mandate is described in two phases. Phase I will require that wireless carriers provide two basic pieces of information to PSAPs for each emergency call: the cell phone number and an identification number of the cell-sector antennae that picked up the call. The FCC set April of 1998 as the goal for this phase of the project. Phase II requires that PSAPs be able to locate the caller within certain distance and accuracy parameters. Specific legal requirements (FCC 99-245) depend on the technology being used by the respective wireless telecommunication providers.

1.3

GOALS AND OBJECTIVES

The overall goal of the 911 Mapped ALI Project is to provide mapping hardware and software for each of Nottoway County's PSAP answering positions.

Key Project Objectives are to:

- Deploy a 911 Mapped ALI application utilizing an open API that allows integration with any existing Customer Premise Equipment (911 answering equipment), Computer Aided Dispatch (CAD) system, or other location hardware system.
- Utilize an integrated discrepancy tracking system that enables the user to capture ALI and GIS discrepancies in a format that can be transmitted to a central location for resolution and provide detailed reports on the status of each discrepancy.
- Update the GIS data and configuration files, and install software upgrades from a central location.
- Display caller location for both wireline and wireless 911 calls.
- Display the tower location and sector coverage area of a wireless call from the ID provided in the ALI data.
- Prepare the PSAP to receive Phase II wireless 911 calls that provide the latitude and longitude of the

	<p>caller.</p> <ul style="list-style-type: none"> • Deploy a system that is redundant, reliable and has security access control to ensure the integrity of the system. <p>Any questions in regard to this proposal should be directed by Email, postal service or fax to:</p>
1.4	<p>PROPOSAL REQUIREMENTS</p> <p>Sealed Proposals with one (1) signed bound master and six (6) copies will be received at the address shown in Section 1.1 prior to May 19, 2004 10:30 a.m., EST for the provision of a 911 Mapped ALI Project. All labor, equipment and materials must be furnished in strict accordance with the delivery schedule and conditions of the contract documents. The 911 Mapped ALI Project must fulfill all of the requirements defined in Section 5, Functional Requirements and all attachment and addenda thereto.</p>
1.5	<p>PROPOSER INCURRED COSTS</p> <p>The Proposer shall be responsible for all costs incurred in preparing or responding to this RFP. Proposers are not entitled to, nor shall they receive any reimbursement for the cost of developing, presenting, or providing any response to this RFP.</p>
1.6	<p>ADDENDA</p> <p>Nottoway County shall not be responsible for any oral instructions given in regard to the Proposal instructions or Proposal documents as described in this RFP. Any such changes will be in the form of an addendum, which will be furnished to all Proposers who are listed with Nottoway County as having received the RFP, or to any other Proposer who requests an addendum.</p>

1.7

DEFINITION OF TERMS

The terms listed below are defined as follows for this RFP and any resulting contract.

ALI DATABASE – The host computer system which stores the ALI records, most commonly provided by the operating Telephone Company or may be located on-site.

ANI – Automatic Number Identification; telephone number associated with the calling party.

AUTHORIZED SIGNEE - The person who is executing this Contract for the Proposer/Contractor and is authorized to bind the Proposer/Contractor.

AVL – Automatic Vehicle Location

CAD – Computer Aided Dispatch; a system to enhance dispatch operations by providing critical information to dispatchers by tracking and recording dispatch actions.

CONTRACT - The agreement (including every document incorporated therein either physically or by reference) to be executed by the Contracting Entity.

CONTRACTING ENTITY – Nottoway County.

CONTRACTOR - The successful Proposer who is awarded the Contract for providing the product described in the contract documents.

CPE – Customer Premises Equipment, which is the terminal equipment at the PSAP.

CTI – Computer Telephony Integration.

DATE DATA - Any data or input which includes an indication of date.

ESN – Emergency Service Number. An ESN is a three to five digit number representing a unique combination of emergency service agencies designated to serve a specific range of addresses within a particular geographical area.

EST - Eastern Standard Time.

MSAG – Master Street Address Guide.

911 SYSTEM - Emergency Telephone System.

PRIMARY PSAP – A PSAP to which 911 calls are directly routed from the central office.

PROPOSER - Any person, corporation, partnership, or other legal entity submitting a proposal for consideration.

PROPOSAL - The Proposer’s document describing the mapped ALI services being proposed in response to the RFP.

PSAP – Public Safety Answering Point; a centralized location for receiving 911 calls.

PSAP 911 COORDINATOR - Person who is the single point of contact for each PSAP within the 911 System.

RFP (Request for Proposal) - This document in its entirety, including any resulting amendments and best and final proposals.

	<p>SECONDARY PSAP – A PSAP to which 911 calls are transferred after being screened for service required by the primary PSAP.</p> <p>SELECTIVE ROUTING – A function of the telephone network commonly performed by a special type of central office (C.O.) known as a Tandem. Selective Routing routes 911 calls based on originating number to the assigned primary PSAP.</p> <p>COUNTY – Nottoway County</p> <p>WORK - Any and all labor, supervision, services, materials, machinery, equipment, tools, supplies and facilities called for by the contract and necessary to the completion thereof.</p>
--	---

2.0 PROPOSAL INFORMATION

<p>2.1</p>	<p>REQUEST FOR PROPOSAL</p> <p>The purpose of this RFP is to implement a 911 Mapped ALI system for Nottoway County Sheriff's Department PSAP.</p>												
<p>2.2</p>	<p>SUBMISSION OF PROPOSAL</p> <p>Each Proposer must submit one (1) signed bound master Proposal and six (6) copies to the address shown in Section 1.1 prior to May 19, 2004 10:30 a.m. EST. The Proposal shall not be considered received until the Proposal is actually received at Nottoway County Administrator's Office at the address set forth in Section 1.1. Delivery to any other location shall not constitute receipt by Nottoway County.</p> <p>All proposals received after the time stated in the previous paragraph will not be considered and will be returned to the Proposer unopened. The Proposer assumes the risk of any delay in the mail, or in handling of the mail by employees of Nottoway County or any private courier, regardless of whether sent by mail or by means of personal delivery. The Proposer assumes responsibility for having the Proposal delivered on time at the place specified.</p> <p>The Proposer must read, understand, and fully and faithfully comply with this RFP, its attachments, and any referenced documents. The Proposer must also independently develop the prices offered without consultation or collusion with any other Proposers or potential Proposers, and without any offer of gifts, payments, or other consideration to Nottoway County, or any Nottoway County employee, officer, elected official, or consultant who has or may have had a role in the procurement process for the services and/or goods/materials covered by this RFP. The Proposer must include in its Proposal a certification that it has in fact complied with the requirements of this paragraph, by signing and including the Offer Page (cover page).</p> <p>If the Proposal is not properly signed or any changes not initialed, it will be considered non-responsive. Please "line through" rather than erase changes in the final, submitted proposal. Proposals must be filled out in permanent ink or by typewriter and must be signed in permanent ink. If a soft copy of the RFP is obtained, proposals may be in the form of a computer-generated hard copy. Pencil is not acceptable.</p> <p>Submission of a proposal constitutes acceptance of the evaluation process contained within this RFP.</p> <p>Proposers are cautioned to verify their proposals before submission, as amendments to or withdrawal of proposals submitted after time specified for opening of proposals will not be considered.</p>												
<p>2.3</p>	<p>SCHEDULE OF ACTIVITIES</p> <p>The following table outlines the tentative schedule of major activities of the RFP and proposal selection processes.</p> <table data-bbox="311 1543 1006 1732"> <tr> <td>Request for Proposal Issued</td> <td>04/19/04</td> </tr> <tr> <td>Deadline for Proposer's Questions</td> <td>05/03/04</td> </tr> <tr> <td>Deadline for Proposal Submittal</td> <td>05/19/04</td> </tr> <tr> <td>Proposals Reviewed by Selection Committee</td> <td>05/24/04</td> </tr> <tr> <td>Proposer's Demonstrations (If needed)</td> <td>06/01/04</td> </tr> <tr> <td>Award of Contract</td> <td>06/08/04</td> </tr> </table> <p>Nottoway County reserves the right to amend the schedule as necessary.</p>	Request for Proposal Issued	04/19/04	Deadline for Proposer's Questions	05/03/04	Deadline for Proposal Submittal	05/19/04	Proposals Reviewed by Selection Committee	05/24/04	Proposer's Demonstrations (If needed)	06/01/04	Award of Contract	06/08/04
Request for Proposal Issued	04/19/04												
Deadline for Proposer's Questions	05/03/04												
Deadline for Proposal Submittal	05/19/04												
Proposals Reviewed by Selection Committee	05/24/04												
Proposer's Demonstrations (If needed)	06/01/04												
Award of Contract	06/08/04												

<p>2.4</p>	<p>PROPOSALS PROPERTY OF NOTTOWAY COUNTY</p> <p>All materials submitted in response to this RFP become the property of Nottoway County upon delivery and must be appended to any formal documentation that would further define or expand the contractual relationship between the Contracting Entity and the Proposer. Each Proposer, as an express condition for Nottoway County’s consideration of such Proposer’s proposal, agrees that the contents of every other proposal are confidential, proprietary and trade secret information in all technical areas and waives any right to access such proposals. No submission or supporting documentation will be returned to Proposer.</p> <p>The foregoing provision shall not apply to the Proposal of the Proposer to whom an award is made or recommended, nor to the proposal of any Proposer contesting, protesting or otherwise challenging an award or recommendation.</p> <p>Nottoway County is subject to the disclosure requirements of the Code of Virginia and must abide by public records laws. Neither Nottoway County nor any other entity contracting for services pursuant to this RFP must be liable for disclosures required by law.</p>
<p>2.5</p>	<p>NOTTOWAY COUNTY’S RESERVATION OF RIGHTS</p> <p>Nottoway County reserves the right to waive any informalities in any proposal, to negotiate with any qualified sources, to reject the proposal of any individual or firm who has been delinquent or unfaithful to any contract with Nottoway County, or to cancel in part or in its entirety this RFP, if it is in the best interest of the Contracting Entity to do so.</p>
<p>2.6</p>	<p>INCONSISTENCY OR ERROR IN RFP</p> <p>Any Proposer believing that there is any ambiguity, inconsistency or error in the RFP must promptly notify Nottoway County in writing of such apparent discrepancy. Failure to so notify Nottoway County by the RFP submission due date will constitute a waiver of claim of ambiguity, inconsistency or error.</p>
<p>2.7</p>	<p>PROPOSER ERRORS OR OMISSIONS</p> <p>Proposers are cautioned to verify their proposals before submission, as amendments to or withdrawal of proposals submitted after time specified for opening of proposals will not be considered. Neither Nottoway County nor any other entity contracting for services pursuant to this RFP shall be responsible for any Proposer’s errors or omissions.</p>
<p>2.8</p>	<p>MODIFICATION OR WITHDRAWAL OF PROPOSAL</p> <p>Proposals are an irrevocable offer for at least one hundred eighty (180) days after the proposal submission deadline. A Proposal may not be modified, withdrawn or cancelled by a Proposer during such period of time and each Proposer so agrees in submitting the Proposal.</p> <p>Proposals may be withdrawn, altered and/or resubmitted at any time prior to the submission deadline.</p> <p>Notice of pre-submission deadline withdrawal shall be in writing over the signature of the Proposer or may be made by telegram, telex or FAX.</p> <p>If made by telegram, telex or FAX, written confirmations over the signature of the Proposer shall have been mailed and postmarked on or before the submission deadline.</p>
<p>2.9</p>	<p>EXCEPTIONS</p> <p>It is the intent of Nottoway County to award a contract on a fair, competitive basis. For this reason, Nottoway</p>

	<p>County may view the failure to mark the “Proposer Complies” column in response to any material conditions or requirement of the RFP as an attempt by the Proposer to vary the terms of the RFP which, in fact, may result in giving such Proposer an unfair advantage over other Proposers. For this reason, Nottoway County will, at its option, not allow exceptions to any material requirement if, in the opinion of Nottoway County, the exceptions alter the overall intent of this RFP, unless the exception would be of material benefit to Nottoway County.</p>
2.10	<p>REJECTIONS OF SOLICITATION RESPONSES</p> <p>Nottoway County reserves the right to reject any or all responses received, or any part thereof; to accept any response or any part thereof; or to waive any formalities when it is deemed to be in the Contracting Entity’s best interest. Any Proposer objecting to the rejection of a proposal, or portion thereof, shall submit a written protest stating the reasons for the protest to the 911 Coordinator within five (5) calendar days from the date of Nottoway County’s notification letter.</p>
2.11	<p>PROPOSER CERTIFICATION</p> <p>By submission of a proposal, the Proposer certifies that the Proposer has not paid or agreed to pay any fee or commission, or any other item of value contingent on the award of a contract to any employee, official or current contracting consultant of Nottoway County.</p>
2.12	<p>COVENANT AGAINST CONTINGENT FEES</p> <p>The Proposer warrants that no person or selling agent has been employed or retained to solicit or secure the contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the Proposer for the purpose of securing business.</p> <p>For breach or violation of this warranty, the Contracting Entity shall have the right to annul the Contract without liability or in its discretion to deduct from fees or payments due the Proposer the commission, percentage brokerage or contingent fee.</p>
2.13	<p>NOTTOWAY COUNTY’S RIGHT TO DISQUALIFY FOR CONFLICT OF INTEREST</p> <p>Nottoway County reserves the right to disqualify any Proposer on the basis of any real or apparent conflict of interest that is disclosed by the proposal submitted or any other data available to Nottoway County. This disqualification is at the sole discretion of Nottoway County. Any Proposer submitting a proposal herein, waives both any right to object or at any future time, before any body or agency, including but not limited to, the Board of Supervisors of Nottoway County, or any court, any objections to the exercise of this right or disqualification by reason of real or apparent conflict of interest as determined by Nottoway County.</p>
2.14	<p>PROPOSED CONTRACT</p> <p>The submission of a proposal by a Contractor constitutes an agreement by the Contractor that it will not insist on the use of any standard contract agreement, documents or forms. A copy of Contractor’s standard contract should be included in the Proposal, which Nottoway County may use as input for drafting a contract.</p>

<p>2.15</p>	<p>PROTEST OF AWARD</p> <p>Any person who has an objection to the awarding of a contract to any Proposer by Nottoway County, shall lodge that protest, in writing, with the 911 Coordinator no later than 5:00 p.m. EST of the fifth (5th) calendar day, following release of Nottoway County's "Intent to Award" letter. Nottoway County retains the right to reject all protests not filed within this time or those found to be without merit.</p>		
<p>2.16</p>	<p>PROPOSER INQUIRIES</p> <p>Any questions that arise relating to this RFP shall be directed to:</p> <table data-bbox="310 541 1024 667"> <tr> <td data-bbox="310 541 581 667"> <p>John Prorise County Planner (434) 645-8696 nottoway@meckcom.net</p> </td> <td data-bbox="792 541 1024 667"> <p>Dennis Cyphers MAST International (804) 425-5979 masttrng@aol.com</p> </td> </tr> </table> <p>No informal contact initiated by Proposers on the proposed service will be allowed with members of Nottoway County's staff from the date of distribution of this RFP until after the closing date and time for the submission of proposals. All questions concerning or issues related to this RFP shall be presented <u>in writing</u>.</p> <p>All questions and responses will be distributed in writing to all Proposers.</p>	<p>John Prorise County Planner (434) 645-8696 nottoway@meckcom.net</p>	<p>Dennis Cyphers MAST International (804) 425-5979 masttrng@aol.com</p>
<p>John Prorise County Planner (434) 645-8696 nottoway@meckcom.net</p>	<p>Dennis Cyphers MAST International (804) 425-5979 masttrng@aol.com</p>		

3.0 GENERAL TERMS / CONDITIONS

GENERAL

Any Proposer entering into a contract with Nottoway County shall agree to a number of general terms and conditions.

If a Proposer cannot agree to any of the stated general terms and conditions, its proposal shall clearly state the reason for any such non-compliance.

3.1

The submission of a Proposal herein constitutes the agreement of any Proposer that any contract to be drawn as a result of an award herein will be prepared by Nottoway County. The submission of a Proposal shall further constitute the agreement of each Proposer that it will not insist on the use of standard contract agreements, documents or forms, and that it waives any demand for the use of its standard agreements. The language of the contract(s) to be executed will be drafted under the supervision of Nottoway County's Attorney and shall be the controlling document. Proposers are requested, however, to submit copies of their applicable standard contract forms for information purposes.

Any contract resulting from this RFP may be based upon and include, without limitation, the RFP, any addendum to the RFP, and the Contractor's proposal. Any written statement made as part of the Proposal may become part of the contract.

ORDER OF PRECEDENCE

In the event of conflict, the following precedence shall prevail;

3.2

- (a) Terms and conditions set forth in the body of contract;
- (b) Provisions set forth in referenced documents;
- (c) Response to Nottoway County's RFP;
- (d) Requirements and provisions set forth in this RFP.

COMPLIANCE WITH LAWS

3.3

In performing this Contract, the Contractor shall comply with all applicable laws, ordinances, rules, regulations, and codes of Federal, State and local governments, including, but not limited to, the Virginia Worker's Compensation Act and all Federal and State tax laws. Because the Contractor will be acting as an independent contractor, Nottoway County assumes no responsibility for the Contractor's acts.

INDEMNITY CLAUSE

3.4

Indemnification of Nottoway County Against Liability: The Contractor agrees to indemnify, hold harmless and pay on behalf of the Contracting Entity its officers, agents, volunteers, and employees (collectively, the "Indemnified Parties"), from all suits, including attorney's fees and cost of litigation, actions, loss, damage, expense, cost of claims, of any character or any nature arising out of the fulfillment of the terms of this Contract or on account of any act, claim or amount arising or recovered under Workers' Compensation law or court decree. It is the intent of the parties to this Contract that the Contracting Entity shall, in all instances, except for loss or damage resulting from sole negligence of the Indemnified Parties, be indemnified against all liability, loss or damage of any nature whatsoever for or on account of any injuries or death of a person or damages to or destruction of property belonging to any person arising, out of or in any way connected with the performance of this Contract, regardless of whether or not the liability, loss or damage is caused by, or alleged to be caused in part by the negligence, gross negligence or fault of the Indemnified Parties. It is agreed that the Contractor will be responsible for primary loss investigation, defense and judgment costs where this contract of indemnity applies.

<p style="text-align: center;">3.5</p>	<p>PATENT, COPYRIGHT AND TRADE SECRET INDEMNITY</p> <p>The Contractor agrees to defend, at its own expense, and to indemnify and hold harmless, the Contracting Entity and its officers, agents, volunteers and employees (collectively, the “Indemnified Parties”) from and against all judgments, claims, damages, suits, liabilities, settlements, costs and demands, including reasonable attorneys’ fees, suffered or incurred by the Indemnified Parties as a result of any claim that the Proposer, or any service or product provided by the Proposer pursuant to this Agreement, infringes any Intellectual Property Rights of any person. The Proposer’s payments under this indemnity will be expressly conditioned on the following:</p> <ul style="list-style-type: none"> a) The Contractor shall be notified promptly in writing by the Indemnified Parties of any such claim; b) The Indemnified Parties will give the Contractor sole control of the defense of any action on such claim and of all negotiations for its settlement or compromise, provided that the Contractor diligently undertakes such defense. Subject to the foregoing, the Indemnified Parties may participate in such defense with counsel of its choosing; c) The Indemnified Parties shall cooperate with the Contractor in a reasonable way to facilitate the settlement or defense of such claim; and d) The claim does not arise from the Contracting Entity modifications not authorized by the Contractor or from the use or combination of products or services provided by the Contracting Entity or by others without authorization from the Contractor (except to the extent that the products or services provided by the Contractor otherwise allegedly infringe in the absence of such modification or combination). <p>In the event that, as a result of an infringement, use of the products or services or any part thereof by the Contracting Entity shall be enjoined, the Contractor shall, at the Contractor’s option and expense, either (a) procure for the Contracting Entity the right to continue using the products or services or such part, or (b) replace or modify the same so that it becomes non-infringing and capable of performing the function for which the products or services were provided within the scope of the resulting contract as determined by the Contracting Entity.</p>
<p style="text-align: center;">3.6</p>	<p>ORGANIZATION EMPLOYMENT DISCLAIMER</p> <p>Any contract entered into as the result of this RFP will not constitute, create, give rise to or otherwise recognize a joint venture, agreement or relationship, partnership or formal business organization of any kind between the parties, and the rights and obligations of the parties shall be only those expressly set forth therein. The Contractor will agree that no persons supplied by it in the performance of the contract are employees of Nottoway County and further agrees that no rights of Nottoway County's civil service, retirement or personnel rules accrue to such persons.</p> <p>The Contractor shall have the total responsibility for all salaries, wages, bonuses, retirement, withholdings, workers' compensation and occupational disease compensation insurance, unemployment compensation, other benefits and taxes and premiums appurtenant thereto concerning such persons provided by such Contractor in the performance of the contract and shall save and hold Nottoway County harmless with respect thereto.</p>

<p>3.7</p>	<p>METHOD OF PAYMENT</p> <p>Payment will be made only after submission of proper documentation to the Contracting Entity of fees due to the Contractor.</p> <p>Payment of any invoice shall not preclude Contracting Entity from making claims for adjustment of any item or service found not to have been in accordance with the contract specifications.</p>												
<p>3.8</p>	<p>LIENS</p> <p>The Proposer will hold Nottoway County harmless from any claimants supplying labor or material to the Proposer in the performance of the work required under any resulting contract.</p>												
<p>3.9</p>	<p>DELAY IN EXERCISING CONTRACT REMEDY</p> <p>Failure or delay by Nottoway County to exercise any right, power or privilege shall not be deemed a waiver thereof.</p>												
<p>3.10</p>	<p>CONTRACTOR PERFORMANCE</p> <p>The Contractor will furnish all necessary labor, tools, equipment and supplies to perform the required services at the PSAPs represented by the Contracting Entity. The Contracting Entity's authorized representative will decide all questions that may arise as to the quality and acceptability of any work performed under the contract. If, in the opinion of the Contracting Entity's authorized representative, performance becomes unsatisfactory, the Contracting Entity will notify the Proposer.</p> <p>The Contractor will have five (5) days from the date it has received notification to correct any specific instances of unsatisfactory performance. In the event the unsatisfactory performance is not correct within the time specified above, the Contracting Entity will have the immediate right to complete the work to its satisfaction and to deduct the costs of correction from any balances due or to become due. Repeated incidences of unsatisfactory performance may result in termination of the contract for default.</p>												
<p>3.11</p>	<p>CONFIDENTIALITY OF INFORMATION</p> <p>The successful Proposer will treat all information furnished by Nottoway County and the results of the project hereunder as confidential. The successful Proposer will not disclose such information to others without the prior written consent of Nottoway County's authorized representative.</p>												
<p>3.12</p>	<p>INSURANCE</p> <p>Proposer, performing as an independent Contractor hereunder, will be fully responsible for providing Workmen's Compensation, Automotive Liability, and Commercial General Liability coverage as follows:</p> <table border="0" data-bbox="310 1570 1482 1787"> <thead> <tr> <th data-bbox="310 1570 505 1602"><u>Type of Insurance</u></th> <th data-bbox="1000 1570 1198 1602"><u>Limits of Liability</u></th> <th data-bbox="1268 1570 1393 1602"><u>(Minimum)</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="310 1633 565 1665">Worker's Compensation</td> <td data-bbox="1049 1633 1146 1665">Statutory</td> <td></td> </tr> <tr> <td data-bbox="310 1696 537 1728">Automotive Liability</td> <td data-bbox="967 1696 1227 1728">\$100,000 (each accident)</td> <td></td> </tr> <tr> <td data-bbox="310 1759 630 1791">Commercial General Liability</td> <td data-bbox="911 1759 1284 1791">\$1,000,000 Combined Single Limit</td> <td></td> </tr> </tbody> </table> <p>Commercial General Liability Policy shall cover the following risks:</p>	<u>Type of Insurance</u>	<u>Limits of Liability</u>	<u>(Minimum)</u>	Worker's Compensation	Statutory		Automotive Liability	\$100,000 (each accident)		Commercial General Liability	\$1,000,000 Combined Single Limit	
<u>Type of Insurance</u>	<u>Limits of Liability</u>	<u>(Minimum)</u>											
Worker's Compensation	Statutory												
Automotive Liability	\$100,000 (each accident)												
Commercial General Liability	\$1,000,000 Combined Single Limit												

- Contractual Insurance
- Broad Form Property Damage
- Independent Contractors

NOTTOWAY COUNTY WILL HAVE NO RESPONSIBILITY OR LIABILITY FOR SUCH INSURANCE COVERAGE AND SUBMISSION OF A PROPOSAL WILL BE PRIMA FACIE EVIDENCE THAT THE PROPOSER WILL ACQUIRE AND MAINTAIN, THROUGHOUT THE LIFE OF THE CONTRACT, THE NECESSARY INSURANCE AS STIPULATED ABOVE.

4.0 PROPOSAL FORMAT EVALUATION

4.1	PROPOSAL FORMAT One (1) signed bound master and six (6) copies of the proposal shall be submitted to Nottoway County
4.2	PROPOSAL SUBMITTAL INSTRUCTIONS, GENERAL (a) The Proposer shall define the capability of their organization to meet the intended objectives of this RFP. The response should be specific and complete in every detail, prepared in a simple straightforward manner. (b) All sections of the proposal response shall be responded to in the format of this request for proposal. (c) The Proposer shall respond to every requirement listed in the table provided in Section Six. (d) The Proposer is advised to read this RFP in its entirety. Failure to read and/or understand any portion of this RFP shall not be cause for waiver of any portion of the RFP.
4.3	EVALUATION OF PROPOSALS An evaluation team comprised of PSAP 911 Coordinator and Nottoway County staff will evaluate the proposals. This process will take place during the period specified in Section 2.3, Schedule of Activities. During this time, Nottoway County staff may, or may not, initiate discussions with Proposers for clarification purposes. <u>Proposers shall not initiate any discussions with Nottoway County staff.</u> In addition to materials provided in proposals, the evaluation team may rely on site visits, demonstrations, references and/or generally available industry information. The evaluation team will examine each proposal to determine how effectively it satisfies the requirements of this RFP, within the budgetary constraints. Evaluation will be based upon the extent to which the RFP requirements are satisfied with regard to: a) RFP requirement response – 40% b) Vendor Qualifications – 30% c) Cost – 30% The contents of each proposal will be evaluated and scored by the members of the evaluation committee. All evaluation scores for each proposal will be averaged. The proposal will be ranked based on the average. The committee will use the results of the averaging to rank proposals for final review. At that time, the committee may request formal presentations from the highest ranked Proposer(s) before a final recommendation is made. Proposers are strongly encouraged to provide full and complete descriptions of how their services will meet the stated requirements. Proposers whose proposals offer minimal detail run the risk of receiving less than optimal scores for their responses. Nottoway County reserves the right to establish a short list of proposals to be further evaluated by Nottoway County. If established, the short list will contain those Proposers who, in the opinion of Nottoway County, are best qualified and whose proposals appear to best satisfy the RFP requirements. All Proposers will be notified of their status in the evaluation process at this time. In the event only one proposal is received, Nottoway County may require that the Proposer submit a cost

	<p>proposal in sufficient detail for Nottoway County to perform a cost/price analysis to determine if the proposal price is fair and reasonable.</p> <p>Although the initial and long-term costs and value of the proposed services will be major factors, the Contractor will be chosen after an analysis of all related factors which, when taken together, represent a measure of the Contracting Entity's opportunity for long-term success in a contract.</p>
<p>4.4</p>	<p>REFERENCES</p> <p>Nottoway County requires references of customers presently contracting for similar services.</p> <p>References provided should have had a contract in place for a minimum of 90 days prior to the Proposal due date. Proposers shall include the following for each reference:</p> <ul style="list-style-type: none"> • Company Name • Company Address • Name of Contact • Title of Contact • Telephone Number of Contact • Description of 911 Mapped ALI System • Contract Start Date

5.0 SCOPE OF WORK

<p>5.1</p>	<p>APPLICATION SOFTWARE</p> <p>The Contractor shall provide <u> 2 </u> copies of the mapping application software for installation in the PSAP as designated by Nottoway County.</p> <p>Application software includes the program, or programs, including network management systems, and firmware or internal code fixed in, or otherwise incident to, the hardware of Nottoway County consisting of machine readable logical instructions and tables of information, supplied in object code form. Software as used in this RFP does not include source code. Contractor shall provide Nottoway County with an executable copy of the software.</p>
<p>5.2</p>	<p>DOCUMENTATION</p> <p>Contractor shall provide system documentation in printed form for the operation and maintenance of the system. Such documentation shall include user manuals and training materials and such other information and documentation as may be necessary for E91 I to satisfactorily use the software as installed.</p>
<p>5.3</p>	<p>HARDWARE</p> <p>Provide all required hardware requirements and specifications. <i>Proposer shall quote all hardware and hardware upgrades necessary to operate the proposed applications as an OPTION in the Cost Proposal.</i></p>
<p>5.4</p>	<p>INSTALLATION</p> <p>Contractor, shall install the software on customer provided equipment and/or equipment included in the proposal according to a schedule as to be agreed upon with Nottoway County. The Contractor shall install the proposed software and systems at the facilities designated by Nottoway County.</p>
<p>5.5</p>	<p>TRAINING</p> <p>Contractor shall provide training to Nottoway County’s administrative staff such that E911 staff may properly train call-takers in the proper use of the software. Optionally, the respondent should propose the cost of including training for each call-taker. Training shall also be provided to Nottoway County’s staff on the discrepancy tracking software system and the clearing and reporting from the discrepancy tracking system.</p>
<p>5.6</p>	<p>SUPPORT</p> <p>Contractor shall provide continuous 24x7 emergency support for the software system installed. The support system must include access to a GIS specialist trained and experienced with the installed software. Non-emergency help desk shall be provided during the respondent's normal workday.</p>

<p>5.6</p>	<p>SOFTWARE MAINTENANCE</p> <p>Contractor shall provide Nottoway County with major and minor releases of the software, including all related documentation, within 30 days of software release date in consideration of the payment of an annual maintenance fee. Software maintenance shall be included for one year following completion of training as part of original agreement.</p>
<p>5.7</p>	<p>CUSTOM PROGRAMMING</p> <p>Contractor shall provide Nottoway County with the required custom programming services to fully integrate the proposed system into Nottoway County’s facilities. This service shall be available to Nottoway County to relay or coordinate the open API of the mapping system with other vendor applications in use at Nottoway County facilities. Contractor will not be required to substantially alter the API designed with the mapping system, but it shall be required to assist Nottoway County in having other Nottoway County vendors utilize the API.</p> <p>Please quote the rate at which these required services shall be performed.</p>
<p>5.8</p>	<p>GIS DATA PREPARATION AND GUIDANCE</p> <p>Contractor shall provide Nottoway County their complete specifications for data structure, format, symbolization, annotation, geodetic datum, and any other requirements i.e. system requirements etc. for the successful implementation of a suitable GIS data structure for Nottoway County for the efficient use of the mapping system in the PSAP environment as required for Phase I and Phase II compliance. Contractor may also propose an integrated GIS data maintenance program for the mapping system that keeps the GIS data fully synchronized with the ALI data and provides completely integrated data updates to each call-taker station. This system should also provide automated input of GIS discrepancies captured at the call-taking stations.</p>
<p>5.9</p>	<p>ALI/GIS AUDIT</p> <p>Contractor shall provide an initial audit of the GIS data with the ALI data to determine the expected quality of address matching between the ALI and GIS databases. Contractor shall provide the following reports:</p> <ul style="list-style-type: none"> a) MSAG Road name - GIS Road name fallout report b) MSAG Range - GIS geo-coding range fallout report c) ALI address - GIS site address/Road Geo-coding fallout report by community <p>Nottoway County will provide a copy of the ALI, MSAG and GIS databases to the Contractor for this purpose.</p>

6.0 FUNCTIONAL REQUIREMENTS

<p>6.1</p>	<p>GENERAL</p> <p>Proposers shall place an “X,” or other definitive mark, in the appropriate column for each item within the Functional Requirements section of the RFP to indicate whether or not the Proposal is in compliance with the RFP specifications. A mark in the “Proposer Complies” column indicates full compliance. For items to which the Proposer takes partial exception, or if the Proposer wishes to modify the RFP terminology, a mark shall be made in the “Compliance with Comments” column. A mark in the “Proposer does not Comply” column indicates non-compliance.</p> <p>Regardless of which column is marked, Proposers shall also insert text at the bottom of each section, following “Proposer Comments:” that either explains how the requirement will be met or that indicates where in their proposal that explanation is located. Proposers should provide a full and complete response to each item, with an emphasis on accuracy, completeness, and clarity. If the “Compliance with Comments” column is marked, the Proposer shall describe the reason for taking the exception, as well as provide a description of any relevant conditions, assumptions, or interpretations. Alternatives, if applicable, being proposed in place of what was specified shall also be described. Proposals shall be typewritten for ease of evaluation.</p>		
<p>6.2</p>	<p>CONFIGURATION AND ADMINISTRATION REQUIREMENTS</p> <p>The configuration tool shall be made available on every PSAP map server. The configuration tool shall provide PSAP 911 Coordinators and supervisors the ability to define the look and feel of the map interface at their PSAP. The configuration tool should also provide an administrator login that shall define default characteristics of the map viewer for all PSAP locations. The configuration tool shall provide a suite of tools that shall define the degree of flexibility and functionality of the map viewer. These tools shall provide the ability to add or remove any menu or toolbar to the map view interface, as well as specify the size, location and number of map view windows and provide the capability of locking the map view windows and toolbars so they cannot be moved.</p>		
	<p>Complies</p>	<p>Does Not Comply</p>	<p>Complies with Comments</p>
<p>6.2.1</p>			<p>The system shall provide a configuration tool.</p>
	<p>Comments:</p>		
<p>6.2.2</p>			<p>The configuration tool shall provide for the configuration of a cross reference between the ALI format and GIS data structure.</p>
	<p>Comments:</p>		

	Complies	Does Not Comply	Complies with Comments	
6.2.3				The configuration tool shall provide for the configuration of different location information processing methods based on classes of service and provider.
	Comments:			

6.2.4				The configuration tool shall provide for the configuration of the display properties of derived wireless coverage areas.
	Comments:			

6.2.5				The configuration tool shall provide for the configuration of layer properties, including minimum and maximum zoom levels for display control, labeling and rich rendering options.
	Comments:			

6.2.6				The configuration tool shall allow for independent scale levels between layers and their associated text.
	Comments:			

6.2.7				The configuration tool shall provide for the configuration of the GIS data coordinate system.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.2.8				The configuration tool shall provide for the configuration of which GIS layers and fields will be searched for location information.
	Comments:			
6.2.9				The configuration tool shall allow a virtually unlimited amount of layers to be configured for automatic and manual searches.
	Comments:			
6.2.10				The configuration tool shall provide the ability to define the order of layers searched (for manual searches) within all defined layers.
	Comments:			
6.2.11				The configuration tool shall support point, polygon and line GIS layers for searching.
	Comments:			
6.2.12				The configuration tool shall provide for the use of and customization of standardization and matching rules, including minimum match score values.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.2.13				The configuration tool shall provide for the configuration of which GIS layers return results on evacuation zones, and shall allow multiple GIS layers to be defined.
	Comments:			
6.2.14				The configuration tool shall provide for the configuration of general discrepancy management information, including PSAP name, type of discrepancies and statuses.
	Comments:			
6.2.15				The configuration tool shall support the user configuration of a disclaimer message. This disclaimer message shall appear on all printed maps. This is to protect any proprietary information such as cell coverage maps.
	Comments:			
6.2.16				The configuration tool shall support the ability to enable or disable features based on user role. Disabling selected features should remove them from any tool bar, menu or shortcut key access.
	Comments:			
6.2.17				The configuration tool shall allow the administrator to define what system messages are presented to the users.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.2.18				The configuration tool shall provide the ability to specify how long calls are displayed in the map viewer before they are removed.
	Comments:			
6.2.19				The configuration tool shall provide the ability to have standardized fixed views for the map viewer and allow the user to save their display environment. This saved configuration shall be persistent on future logins and shall allow any user to use any workstation and use their saved display environment.
	Comments:			
6.2.20				All PSAP positions shall have a locally stored default configuration that shall be managed remotely via the configuration tool.
	Comments:			
6.2.21				The system shall be able to maintain multiple unique configuration files for each PSAP. Based on function. (Sheriff's/Fire/EMS)
	Comments:			
6.3	MAP VIEWER FUNCTIONALITY			
	<p>The map viewer shall be available on all PSAP workstations. The map viewer shall be a highly configurable interface that shall provide all functionality needed for location of 911 calls regardless of the source (wireline or wireless). Tools in the interface that are commonly used should be easily accessed on a toolbar, while features not typically needed for immediate navigation or call location should be placed in drop down menus. The map viewer shall support multiple map views, independent of one another, but directly linked to an overview map. Thus changes in scale to a map view shall change the area defined in the overview map and vice versa. A minimum of two map view windows shall be present at all times in the map viewer. One map view shall be the overview map and display all calls at the PSAP; the second window shall be for the display of the current call. The map viewer interface should automatically promote the map view related to the current call in front of any map view, toolbar, or menu when a new call is sent from the CPE.</p>			

	Complies	Does Not Comply	Complies with Comments	
6.3.1				The map viewer shall operate on Windows 2000, Windows XP or higher.
	Comments:			
6.3.2				The map viewer shall support TCP/IP for network transport. Non-IP protocols will not be accepted.
	Comments:			
6.3.3				The map viewer shall have native support of ESRI shape files, CAD drawing files and a full suite of image files, to include but not limited to: BMP/WMF/TIFF 6.0/JPEG and be Mr. SID image compression compliant.
	Comments:			
6.3.4				The map viewer shall be able to display all incoming calls prior to answer as well as calls answered by other users at different workstations within the PSAP.
	Comments:			
6.3.5				The map viewer shall render new calls in bold colors, and as time passes each call shall be rendered lighter and lighter until they disappear. (Based on the time defined by the configuration tool.)
	Comments:			
6.3.6				The map viewer shall be able to display manually entered locations.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.3.7				The map viewer shall support multiple concurrent map views, each with its discrete properties, such as displayed layers.
	Comments:			
6.3.8				The map viewer shall support the display and entry of appropriate coordinate systems/map projections and Digital Orthrophotography images for Nottoway County and adjacent jurisdictions and counties.
	Comments:			
6.3.9				The map viewer shall be able to geo-code and display the address of the mouse pointer using street ranges and address points as the source via the use of tool tips. Address range text shall be rendered differently than address point text.
	Comments:			
6.3.10				The map viewer shall have the option to display a table of contents for the layers rendered in the map view. All layers shall be visible in the table of contents, but layers defined as default by supervisors or administrators shall not have the option of being toggled on or off. Any layer that is not defined as a default layer should have the option of being toggled on or off.
	Comments:			
6.3.11				The map viewer shall allow for free form measurement between points. Distances shall be calculated accurately from projected data.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.3.12				The map viewer shall allow on-the-fly conversion of the units of measurement.
	Comments:			
6.3.13				The map viewer shall provide the ability to select a region and display all addresses within that region (polygon or circle), i.e. evacuation zone.
	Comments:			
6.3.14				The map viewer shall be able to view print, fax or export the evacuation zone addresses. Common export file formats shall be available. (Comma delimited .csv, tab delimited .csv, .dbf, .xls) Any export files created shall be immediately posted to the PSAP map server..
	Comments:			
6.3.15				The map viewer shall support a locator or overview map.
	Comments:			
6.3.16				The overview map shall allow panning and zooming of the main map window associated with each overview map.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.3.17				The map viewer shall support multiple toolbars to provide access to commonly used functions. Most commonly used functions should also be accessible using keystroke combinations.
	Comments:			
6.3.18				The map viewer shall provide user access to system level messages such as application warning or error messages.
	Comments:			
6.3.19				The map viewer shall be able to report error conditions to remote monitoring equipment. Provide details on how this is accomplished.
	Comments:			
6.3.20				The map viewer shall support generation of diagnostic information on other applications it interfaces with.
	Comments:			
6.3.21				The map viewer shall be able to operate in a standalone mode in the event of network failure. Describe the features available during standalone mode.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.3.22				The map viewer shall support multiple methods of accessing features, including menus, toolbars, function keys and context sensitive right click drop down menus.
	Comments:			
6.3.23				The map viewer shall support the ability to have default data layers, which cannot be removed as well as optional layers, which can be toggled on or off by the user.
	Comments:			
6.4	SECURITY			
	Security measures defined by user level access shall determine what functionality is enabled upon login. The security measures should be implemented on any software provided as a part of this contract. The security hierarchy shall be comprised of a minimum of three levels: end users, supervisors and administrator. For example: the administrator shall have access to all functionality and shall be able to define what functionality is inherited by the supervisor role, and the supervisor role shall in turn define what functionality is inherited by the end user role. However, the security hierarchy should be expandable if needed.			
6.4.1				The map viewer should support the passing of login information from the CPE equipment if it is available. If login information cannot be passed from the CPE equipment, then the system shall not require login or password for end user access. A login and password shall always be required for any user role above end user. (Supervisor/Administrator)
	Comments:			
6.4.2				Only end user functionality shall be provided in the event that no login is required.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.4.3				The map viewer shall support multiple roles per user, such as call taker, dispatcher, radio operator, supervisor and administrator.
	Comments:			
6.5	<p>NAVIGATION</p> <p>The navigation tools provided for the map viewer should be placed on a tool bar for easy access. ESRI's standard set of navigation tools including pan, fixed zoom in/zoom out, zoom to full extent, zoom in / zoom out based on a rectangle drawn on the map view using the mouse, as well as back to previous extent(s) and forward to current extent should all be included. Additional tools should also provide the ability to see the current X,Y location of the mouse pointer, or pan the map to a new location based on user entered coordinates. The option of using hot keys for commonly used navigation tools should also be available.</p>			
6.5.1				The map viewer shall allow the user to pan the map display either in a menu or through the configuration of a mouse button.
	Comments:			
6.5.2				The map viewer shall allow the user to navigate to previous map extents and navigate forward to the current map extent, for all map extents viewed on the current call.
	Comments:			
6.5.3				The map viewer shall support zoom to full extent.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.5.4				The map viewer shall allow the user to Zoom in/Zoom out.
	Comments:			
6.5.5				The map viewer shall support entry and centering of manually entered latitude and longitude (X,Y) coordinates in decimal degrees (DD), degrees-decimal minutes (DDM), or decimal minutes seconds (DMS).
	Comments:			
6.5.6				The map viewer shall provide a box in the interface that continuously displays the X, Y coordinate of the location of the mouse pointer and shall allow the user to change projections from system (i.e. state plane) to geographic (degrees/minutes/seconds).
	Comments:			
6.6	SEARCHING			
	The search tools should be provided in an interface accessed via a drop down menu in the map viewer. These are a set of tools that shall allow the user to determine the location of a 911 call when no location information is passed from the CPE. The functionality of the interface shall allow the user to enter any type of location information and return a list of possible candidates appropriate for that query.			
6.6.1				The map viewer shall provide an interface to perform location searches.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.6.2				The search interface shall provide a single field of entry for location information including address, commonplace name, street name and intersection. This field shall use postal standard format.
	Comments:			
6.6.3				The search interface shall allow searching by latitude and longitude coordinates.
	Comments:			
6.6.4				The search interface shall allow for on-the-fly conversion of latitude and longitude from degrees minutes seconds to decimal degrees.
	Comments:			
6.6.5				The search interface shall display a list of intersecting streets for intersection searches where only one street was entered.
	Comments:			
6.6.6				Display fields for each GIS layer shall be capable of select/non-select for display when a user selects a feature.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.6.7				Ambiguous search results shall display a list of possible matches based on the user entry.
	Comments:			
6.6.8				The map viewer shall be able to view print, fax or export the evacuation zone addresses.
	Comments:			
6.7	EMERGENCY DISPLAY			
	Due to the time sensitive nature of 911 calls, the core functionality of the map viewer shall be related to immediately displaying the location of a 911 call as it is passed from the CPE. The map view related to this information shall be referred to as the Emergency Display. This map view should provide the user with the most information available to the location of the call, with the minimum amount of intervention by the user. In the event that no location information is passed from the CPE, the Emergency Display shall wait for user input as location information is collected from the caller.			
6.7.1				The map viewer shall be able to automatically display locations from 911 calls.
	Comments:			
6.7.2				The map viewer shall be able to automatically center and apply a default zoom scale on emergency display.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.7.3				The map viewer shall be able to display manual ALI database requests.
	Comments:			
6.7.4				The map viewer shall be Phase I and Phase II compliant.
	Comments:			
6.7.5				The map viewer shall be able to display different icons for different objects, such as landline, wireless Phase I, wireless Phase II, incidents, push pins, etc.
	Comments:			
6.7.6				The map viewer shall be able to display derived cell tower coverage, actual cell tower coverage or RF coverage.
	Comments:			
6.7.7				The map viewer shall prioritize the search for roads to those in the sector coverage area.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.7.8				The map viewer shall support repeat ALI.
	Comments:			
6.7.9				The map viewer shall automatically update call location after a repeat ALI.
	Comments:			
6.7.10				The map viewer shall set different error tolerances based upon the carrier type of location technology, or real-time error provided by the carrier in the ALI.
	Comments:			
6.7.11				The map viewer shall track accuracy of coordinate vs. sector footprint and the record flagged whenever the coordinate falls outside of the sector coverage area.
	Comments:			
6.7.12				The map viewer shall be able to visually differentiate between call states such as unanswered, answered disconnect, emergency and non-emergency.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.7.13				The map viewer shall use a different icon for locations with multiple objects displayed at that location.
	Comments:			
6.7.14				The map viewer shall allow a user to select which object in a multiple object situation to display on top.
	Comments:			
6.7.15				The map viewer shall display all available information on a selected object. This includes object information and GIS data.
	Comments:			
6.7.16				The map viewer shall support the ability to place and label 'push pins' onto a map window by manually entering a location and/or clicking on a location.
	Comments:			
6.7.17				The map viewer shall support the ability to highlight a street by manually entering in the street name.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.7.18				The map viewer shall support the ability of the user to manually change the location of an object (call locations, incident locations, push pins).
	Comments:			
6.8	SOURCE OF LOCATION INFORMATION			
	The source of location information for the map viewer shall be defined in the configuration tool, allowing the source to be defined once, and pushed out to the clients from the PSAP map server.			
6.8.1				The map viewer shall accept ALI information from an internal or external database.
	Comments:			
6.8.2				The map viewer shall accept serial ALI information from any ANI/ALI controller.
	Comments:			
6.8.3				
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.9	DISCREPANCY MANAGEMENT			
	The Discrepancy Management system shall be accessed through the map viewer and provide a complete set of tools for defining the cause of the discrepancy. The Discrepancy Management system shall allow the user to enter information at any point during the current call, and additionally allow the user to review any previous call to create a discrepancy record. All discrepancies created shall be logged to the PSAP map server, which shall post the records to the central GIS data server. The administrator shall be provided with a Discrepancy Management tool at the central GIS server from which to view all discrepancies created at every PSAP in the Nottoway County. The administrator shall be able to view, update and edit the status of each discrepancy. When the administrator changes a status of a discrepancy the status change shall be reflected at the PSAP which created the discrepancy.			
6.9.1				The map viewer shall provide a discrepancy window that is easy for the user to access.
	Comments:			
6.9.2				The map viewer discrepancy window shall create and capture GIS and ALI discrepancies.
	Comments:			
6.9.3				The map viewer discrepancy window shall store a map image of the GIS discrepancy.
	Comments:			
6.9.4				The map viewer discrepancy window shall allow for “redlining” of the map image captured for the discrepancy.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.9.5				The map viewer discrepancy window shall include the ability to automatically populate fields such as user ID, date, time, ALI, and other unique information that cannot be modified.
	Comments:			
6.9.6				The map viewer discrepancy window shall automatically audit key events, such as creation and closed events. Describe in detail how this is accomplished.
	Comments:			
6.9.7				The map viewer discrepancy window shall log calls to a local database so that discrepancies can be created later (after call released) as the user has time or as deemed necessary.
	Comments:			
6.9.8				The map viewer discrepancy window shall have an update feature that allows created discrepancies to be modified by the user.
	Comments:			
6.9.9				The discrepancy data shall be able to be uploaded to a centrally located discrepancy database.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.9.10				The discrepancy database shall provide an interface for viewing, editing, and maintaining the status of all discrepancies.
	Comments:			
6.9.11				The discrepancy database shall be able to be archived. Explain the archiving options and online availability options.
	Comments:			
6.9.12				The discrepancy database shall allow for reporting of system wide discrepancy statistics.
	Comments:			
6.10	PREMISE INFORMATION MANAGEMENT			
	The Premise Information Management module shall be included on the PSAP map server. This interface shall allow the PSAP 911 Coordinator/supervisor to locate premise information in the PSAP default base map. Premise information created shall be pushed out to all clients at the PSAP. There shall be an option of posting the premise information to the central GIS server so that each PSAP can choose to share their premise information with the other PSAPs in the adjoining jurisdictions and counties.			
6.10.1				The map viewer shall support a premise information management module.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.10.2				A virtually unlimited amount of premise information shall be available for all locations.
	Comments:			
6.10.3				Premise information shall include contact information, building access, text memos, hazardous materials, floor plans, images, movies and sound clips.
	Comments:			
6.10.4				Premise information shall be configurable to always be available or only notify during a user configurable time range.
	Comments:			
6.10.5				The premise information data shall be locally stored for operational purposes.
	Comments:			
6.10.6				The premise information data shall be able to be remotely stored for management purposes (single point of entry that is safeguarded).
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.11	APPLICATION AND FILE SYNCHRONIZATION			
	The PSAP shall participate in a Wide Area Network (WAN) allowing for information to be shared between all PSAPs and GIS data servers. An interface defining how files are shared across the network shall be provided as part of this contract. The data transfer interface shall provide tools defining how, where and when files are transferred as well as the status of any file transfer.			
6.11.1				The data transfer tool shall facilitate file transfers from two redundant GIS data servers to each PSAP.
	Comments:			
6.11.2				The data transfer tool shall support a multi-tiered distribution. (GIS data servers to the PSAP map servers to the PSAP client workstations.) Data transfer supported will be upload and download, upload only or download only from any level of the stated multi-tier.
	Comments:			
6.11.3				The data transfer tool shall maintain the redundancy between the two central GIS data servers. Any data posted from a PSAP to their central GIS data server shall prompt the data transfer tool to replicate the data on the other central GIS data server.
	Comments:			
6.11.4				The data transfer tool shall allow for the scheduling of file transfers.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.11.5				The data transfer tool shall provide the functionality of file merging or file overwriting. A file merge will allow files from a central server to be added to files on a PSAP server without deleting files. A file overwrite will overwrite files on the PSAP server with files from the central server.
	Comments:			
6.11.6				The data transfer tool shall define what files are transferred. Files to be transferred shall be defined independently or as whole directories.
	Comments:			
6.11.7				The data transfer tool shall provide an interface from which to view the status of file transfers.
	Comments:			
6.11.8				GIS data files related to the map viewer shall be posted to a staging directory, where they shall remain until the map viewer is reinitialized. When the map viewer is reinitialized the new files shall be moved from staging to the working directory. Existing files in the working directory shall be moved to a backup directory. The map viewer shall automatically revert back to the files in the backup directory if the new data files are corrupted in any way. Tools should also allow supervisory/administrative users to revert back to the backup files for any reason.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.11.9				The system shall be able to automatically update the client application from a server.
	Comments:			
6.11.10				All data updates and service shall be performed with the system fully operational. The system shall not be rendered inoperable for the purpose of routine maintenance.
	Comments:			
6.11.11				The data transfer tool should allow for compression of files as they are sent across the network, and automatically uncompress the files as they reach their intended destination.
	Comments:			
6.12	APPLICATION PROGRAMMING INTERFACE (API)			
	The 911 Mapped ALI software shall provide an open API providing tools to develop interfaces with any CPE, CAD, or AVL currently in use in Nottoway County. These interfaces shall be related to providing additional information in the map viewer regarding call location, call type, call source, incident location, incident type, unit status and unit locations.			
6.12.1				The API shall provide tools to accept ANI/ALI information from any CPE.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.12.2				The API shall provide tools to be able to display different icons for different objects passed from the CPE, such as landline, wireless Phase I, and wireless Phase II calls.
	Comments:			
6.12.3				The API shall provide tools to create, modify the location of and delete incidents that will be passed to the CAD system.
	Comments:			
6.12.4				The API shall provide tools to display the location of CAD incidents.
	Comments:			
6.12.5				The API shall provide tools to display the CAD information. The field shall be a minimum of five characters and a maximum of 25 characters and be text based. The information shall be displayed when the mouse pointer is hovered over the location of the incident.
	Comments:			
6.12.6				The API shall provide tools to render incidents passed from the CAD system, based on the nature of the incident.
	Comments:			

	Complies	Does Not Comply	Complies with Comments	
6.12.7				The API shall provide tools to display the locations of field units based on information passed from the AVL system.
	Comments:			
6.12.8				The API shall provide tools to display the status of field units based on information passed from the AVL system.
	Comments:			