



MARYLAND
DEPARTMENT OF
BUDGET & MANAGEMENT

ROBERT L. EHRLICH, JR.
Governor

MICHAEL S. STEELE
Lieutenant Governor

CECILIA JANUSZKIEWICZ
Secretary

Amendment # 1 to
Request for Proposals (RFP)
Wireless Interoperability Requirements and Proof of Concept
Project # 050R6800087
November 14, 2005

Ladies and Gentlemen:

The following Amendment is being issued to amend language and clarify information contained in the above-named RFP. All information contained herein is binding on all Offerors who respond to this RFP. Specific parts of the RFP have been amended. The following changes are listed below; new language has been **underlined and marked in bold** and language deleted has been marked with a ~~strikeout~~ (ex. ~~strike out~~).

1. Section 3.4.2, immediately before bullets A, B, and C, insert:

Submit the following completed Attachments (B, D-1 and D-2, and G) along with the original copy of your technical proposal:

- A. Completed Bid/Proposal Affidavit (Attachment B ~~—with original of Technical Proposal only~~)
- B. Completed Minority Business Enterprise (MBE) Participation Forms (~~See Attachments D-1 and D-2~~)
- C. Completed Conflict of Interest Affidavit/Disclosure (Attachment G)

2. Revise Section 3.4.6: Offeror Experience and Capabilities: First paragraph, first sentence:

Offerors shall include information on past experience with similar projects and particularly with ~~the cabling and wiring services~~ **wireless interoperability**. General requirements of the Offeror and personnel are outlined in Section 2. Offerors shall describe how their organization can meet the qualifications of this RFP and shall include the following:

3. Delete section 3.4.13.C.:

~~Tax revenues to be generated for Maryland and its political subdivisions as a result of this Contract. Indicate tax category (sales tax, inventory taxes and estimated personal income taxes for new employees). Provide a forecast of the total tax revenues resulting from the Contract.~~

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Add section 3.4.13.C: **The estimated percentage of your total proposed price that will generate tax revenue for Maryland and its political subdivisions as a result of this Contract. Indicate tax category (sales tax, inventory taxes and personal income taxes for new employees).**

4. Revise Attachment A – Contract, Section 2.1:

The Contractor shall provide all deliverables as defined in the RFP Section 2 **with regard to defining and establishing the strategy and technical architecture for a Statewide, interoperable wireless radio system that supports public safety and first responder voice and data communication requirements by identifying the functional requirements of system users, providing recommended options for deploying a Statewide interoperable radio system, defining a pragmatic implementation strategy, and establishing a proof of concept site(s) to demonstrate the proposed engineering will meet State needs. The results will be used to define and direct future projects to implement a statewide wireless interoperable voice and data communication system.** These services shall be provided in accordance with the terms and conditions of this Contract and the following Exhibits, which are attached and incorporated herein by reference. If there is any conflict between this Contract and the Exhibits, the terms of the Contract shall govern. If there is any conflict among the Exhibits, the following order of precedence shall determine the prevailing provision:

- Exhibit A – The RFP
- Exhibit B – The Technical Proposal
- Exhibit C – The Financial Proposal
- Exhibit D - State Contract Affidavit, executed by the Contractor and dated _____.

If there are questions concerning this solicitation, please contact me via email at: cphelps@dbm.state.md.us or call 410-260-7553 as soon as possible.

Date Issued: November 14, 2005

By <Signed>
Cathryn C. Phelps
Procurement Officer



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CECILIA JANUSZKIEWICZ
Secretary

**Amendment #2 to
Wireless Interoperability Requirements and Proof of Concept
050R6800087
Request for Proposals (RFP)
November 16, 2005**

Ladies/Gentlemen:

This Amendment is being issued to change, add or delete certain information contained in the above named RFP. All information contained herein is binding on all Offerors who respond to this RFP. Specific parts of the RFP have been amended. The following changes/additions are listed below; new language has been underlined and marked in bold (ex. **new language**) and language deleted has been marked with a double strikeout (ex. ~~language deleted~~).

1. Change the Key Information Summary Sheet, page iii, Closing Date and Time from "~~November 28, 2005~~" to "**December 12, 2005**"
2. Change the dates in Section 1.10, Proposals Due (Closing) Date in paragraphs one and two from "~~November 28, 2005~~" to "**December 12, 2005.**"

The State is coordinating responses to additional vendor questions. Accordingly, the State is allowing additional time for proposal submission to December 12, 2005. If there are questions concerning this Amendment, please contact me via email at: cphelps@dbm.state.md.us or call 410-260-7553 as soon as possible.

Date Issued: November 16, 2005

By _____ <signed> _____
Cathryn C. Phelps
Procurement Officer

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Amendment # 3 to
Request for Proposals (RFP)
Wireless Interoperability Requirements and Proof of Concept
Project # 050R6800087
November 23, 2005

Ladies and Gentlemen:

The following Amendment is being issued to amend language and clarify information contained in the above-named RFP. All information contained herein is binding on all Offerors who respond to this RFP. Specific parts of the RFP have been amended. The following changes are listed below; new language has been **underlined and marked in bold** and language deleted has been marked with a double strikeout (ex. ~~strike out~~).

1. Refer to RFP Section 2.3.1 under General Requirements:

The Contractor shall comply with all laws, regulations, policies, standards and guidelines affecting wireless communication systems and information technology projects undertaken by the State. It is the responsibility of the Contractor to ensure adherence to this requirement and to remain abreast of and comply with all changes that may affect project execution. These may include, but are not limited to:

Insert **2.3.1 f.**, as follows:

**f. "Public Safety Communications Interoperability in Maryland" Report located at:
<http://www.gov.state.md.us/homelandsecurity.html>;**

Amend **2.3.1 f. and 2.3.1 g.**:

~~g.~~ **g.** Title 47 Code of Federal Regulations;

~~h.~~ **h.** Federal Communications Commission (FCC) regulations, rules, orders, and directives.

2. Refer to RFP Section 2.5.3.1 Task 4: Develop Statewide Wireless Channel Plan.

"The Contractor shall develop the Statewide Wireless Channel Plan that, at a minimum:

See seventh bullet:

- Evaluates the feasibility of using a portion of the 700 MHz Frequency Spectrum on a temporary basis before the anticipated ~~2006~~ **April 7, 2009** spectrum release; and,

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3. Refer to RFP, Section 2.5.3.2. Delete *in its entirety* **Section 2.5.3.2 Task 5: Develop System Detailed Design Document**, and replace with the following:

2.5.3.2 Task 5: Develop System Detailed Design Document

The Contractor shall develop the System Detailed Design Document that includes, at a minimum:

- **System requirements;**
- **Operating environment;**
- **System and subsystem architecture to include, at a minimum:**
 - **Overall System and Individual Tower Site Propagation Studies performed to the following Coverage/Reliability Requirements. At a minimum, the results of the propagation studies are to identify antenna location and height for all existing and/or new recommended tower locations, recommended locations of any new tower sites, and recommend tower height for new sites.**
 - **Portable Coverage – In Building: Statewide 97% reliability in-building (15 dB building attenuation) coverage with DAQ 3.4 (Delivered Audio Quality as defined in TIA/EIA/TSB88-A-4.4.1). Coverage prediction shall assume a handheld worn on the belt with a public safety (antenna) speaker microphone.**
 - **Portable Coverage – In Street: Statewide 97% reliability coverage with DAQ 3.4 (delivered Audio Quality as defined in TIA/EIA/TSB88-A-4.4.1). Coverage prediction shall assume a handheld radio worn on the belt with a public safety (antenna) speaker microphone.**
 - **Mobile Coverage: Statewide 97% reliability with DAQ 3.4 (Delivered Audio Quality as defined in TIA/EIA/TSB88-A-4.4.1). Coverage prediction shall assume 35 Watt mobile transmitter and ¼ wavelength fender mounted antenna.**
 - **Portable Like Coverage: Local to a vehicle equipped with a mobile repeater, 98% reliability with DAQ 3.4 (Delivered Audio Quality as defined in TIA/EIA/TSB88-A-4.4.1) using a portable radio operating as with a mobile repeater per the FCC section regulating the use of handheld radios and associated mobile radio. This coverage prediction shall include typical results in relationship to a vehicle mobile repeater when the handheld operator is located in-building and in street as defined above.**
 - **Detailed design for backhaul network (e.g. Interconnection locations, additional tower sites needed for interconnection, microwave dish heights, dish size, bandwidth requirement for microwave, fiber utilization);**
 - **The Statewide Wireless Channel Plan; and,**
 - **External interfaces.**

The Contractor shall include a requirements matrix showing where and how requirements are to be satisfied; an evaluation of all currently available and soon to be available (6 – 12 months) interoperable wireless communications hardware, software and programmable technologies; and recommendations for which technology would best satisfy the functional requirements.

4. Refer to: RFP Attachment A, second page, Number 4.1 Consideration and Payment.

In consideration of the satisfactory performance of the work set forth in this Contract, the Department shall pay the Contractor in accordance with the terms of this Contract and at the rates specified ~~on Exhibit C, Contractor's Financial Proposal~~ **in Attachment F, Price Proposal Form for Statewide Wireless Interoperability Requirements and Proof of Concept RFP NO. 050R6800087.** Note that this form in excel format in the RFP, immediately follows the first page of Attachment F – Price Proposal Form Instructions.

If there are questions concerning this solicitation, please contact me via email at: cphelps@dbm.state.md.us or call 410-260-7553 as soon as possible.

Date Issued: November 23, 2005

By <Signed>
Cathryn C. Phelps
Procurement Officer



ROBERT L. EHRLICH, JR.
Governor

CECILIA JANUSZKIEWICZ
Secretary

MICHAEL S. STEELE
Lieutenant Governor

**Amendment #4 to
Wireless Interoperability Requirements and Proof of Concept
050R6800087
Request for Proposals (RFP)
November 29, 2005**

Ladies/Gentlemen:

This Amendment is being issued to change, add or delete certain information contained in the above named RFP. All information contained herein is binding on all Offerors who respond to this RFP. Specific parts of the RFP have been amended. The following changes/additions are listed below; new language has been underlined and marked in bold (ex. **new language**) and language deleted has been marked with a double strikeout (ex. ~~language deleted~~).

1. Refer to **Section 1.3 Contract Type:**

“The Contract that results from this RFP shall be a fixed price contract, in accordance with COMAR 21.06.03.02, based upon fixed price component deliverables. ~~The Not to Exceed (NTE) amount shall be the Contractor’s proposed price to complete all work requirements for all phases of work.~~”

2. Refer to **Section 2.12 Retainage:**

Five percent (5%) of each applicable invoice ~~up to 5% of the total contract price~~ shall be held by DBM as retainage.

3. Refer to **Section 2.13 Invoicing**

2.13.2 For each discrete Fixed Price ~~Service~~ deliverable the Contractor shall submit an invoice for each completed deliverable accepted by the State.

4. Refer to **Attachment A – Contract, 2nd page #4. Consideration and Payment**

In consideration of the satisfactory performance of the work set forth in this Contract, the Department shall pay the Contractor in accordance with the terms of this Contract and at the rates specified in Attachment F “Price Proposal Form for Statewide Interoperability and Proof of Concept RFP # 050R6800087”. ~~Except with the express written consent of the Procurement Officer, payment to the Contractor pursuant to this Contract shall not exceed \$~~

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The State is coordinating responses to additional vendor questions. If there are questions concerning this Amendment, please contact me via email at: cphelps@dbm.state.md.us or call 410-260-7553 as soon as possible.

Date Issued: November 29, 2005

By _____ <signed> _____.
Cathryn C. Phelps
Procurement Officer



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Secretary

JOHN M. WASILISIN
Deputy Secretary

**Amendment #5 to
Wireless Interoperability Requirements and Proof of Concept
050R6800087
Request for Proposals (RFP)
December 5, 2005**

Ladies/Gentlemen:

This Amendment is being issued to change, add or delete certain information contained in the above named RFP. All information contained herein is binding on all Offerors who respond to this RFP. Specific parts of the RFP have been amended. The following changes/additions are listed below; new language has been underlined and marked in bold (ex. **new language**) and language deleted has been marked with a double strikeout (ex. ~~language deleted~~).

1. Refer to **Attachment H Section 8:**

“The individual signing below warrants and represents that they are fully authorized to bind OFFEROR to the terms and conditions specified in this Agreement. If signed below by an individual employee or agent of OFFEROR under Section 2 of this Agreement, such individual acknowledges that a failure to comply with the requirements specified in this Agreement may result in personal liability **with regard to such person's actions.**”

If there are questions concerning this Amendment, please contact me via email at: cphelps@dbm.state.md.us or call 410-260-7553 as soon as possible.

Date Issued: December 5, 2005

By <signed>
Cathryn C. Phelps
Procurement Officer

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Deputy Secretary

**Amendment #6 to
Wireless Interoperability Requirements and Proof of Concept
050R6800087
Request for Proposals (RFP)
March 9, 2006**

Ladies/Gentlemen:

This Amendment is being issued to add certain information contained in the above named RFP and is being issued only to Offerors who submitted proposals in response to the RFP. All information contained herein is binding on and applies to all Offerors who responded to this RFP. Specific parts of the RFP have been amended as follows:

RFP, Section 2.5.4. Add to "Phase 3: Proof of Concept" the following, "Proof of Concept execution assumes manufacturers shall be willing to provide hardware and support to provide and install their equipment as a test-bed for future applications at no cost to the Contractor or the State."

The net effect of this change is that price proposals for Tasks 8 and 9 may assume that manufacturer support of these tasks will be at no charge to the Contractor or the State; therefore, the price proposal for those tasks should include only the Offeror's proposed prices to perform its part of the deliverables for the tasks. If at the time of implementation of Tasks 8 and/or 9 the Contractor finds that the manufacturer is unwilling to provide hardware or services at no cost to the State, the State, at its sole option and absolute discretion, may choose to: (i) accept from Contractor the manufacturer's verified direct and actual costs for such equipment and support (without markup and including any discounts to Contractor) and modify the contract accordingly, (ii) acquire the equipment and services by other means, or (iii) not implement Tasks 8 and/or 9.

Date issued: March 9, 2006

By <signed> .
Norman H. Grinnell
Procurement Officer

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**Corrected Amendment #6 to
Wireless Interoperability Requirements and Proof of Concept
050R6800087
Request for Proposals (RFP)
March 14, 2006**

Ladies/Gentlemen:

This corrected Amendment is being issued to add certain information contained in the above named RFP and is being issued only to Offerors who submitted proposals in response to the RFP. This amendment replaces Amendment #6 issued on March 9, 2006. All information contained herein is binding on and applies to all Offerors who responded to this RFP. Specific parts of the RFP have been amended as follows:

RFP, Section 2.5.4. Add to "Phase 3: Proof of Concept" the following, "Proof of Concept execution assumes manufacturers shall be willing to provide hardware and support to provide and install their equipment as a test-bed for future applications at no cost to the Contractor or the State."

The net effect of this change is that price proposals for Tasks 8 and 9 may assume that manufacturer support of these tasks will be at no charge to the Contractor or the State; therefore, the price proposal for those tasks should include only the Offeror's proposed prices to perform its part of the deliverables for the tasks. If at the time of implementation of Tasks 8 and/or 9 the Contractor finds that the manufacturer is unwilling to provide hardware or services at no cost to the State, the State, at its sole option and absolute discretion, may choose to: (i) accept from Contractor the manufacturer's verified direct and actual costs for such equipment and support (without markup and including any discounts to Contractor) and modify the contract accordingly, (ii) acquire the equipment and services by other means, or (iii) not implement Tasks 8 and/or 9.

Please acknowledge receipt by e-mail within three business days of receipt.

Date issued: March 14, 2006

By <signed> .
Norman H. Grinnell
Procurement Officer

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