

EDMUND G. BROWN JR.
GOVERNOR

MARK GHILARDUCCI
SECRETARY



Cal EMA
CALIFORNIA EMERGENCY
MANAGEMENT AGENCY

December 18, 2012

Craig Dziedzic
General Manager
Bay Area UASI Program
711 Van Ness Avenue, Suite 420
San Francisco, CA, 94102

SUBJECT: APPROVAL OF SOLE SOURCE CONTRACT REQUEST
FY2012 Homeland Security Grant Program (HSGP)
Grant #2012-SS-00123, OES ID#075-95017

Dear Mr. Dziedzic:

The California Emergency Management Agency (Cal EMA) has received, reviewed, and approved your Sole Source contract request on behalf of the City of San Jose dated December 12, 2012, based on the information provided by your staff to purchase [REDACTED] which was previously approved in the FY09 UASI funds), from the vendor, Harris WPG.

If you have any questions about this letter, please contact your Program Representative, Maybel Garing-Espilla, at 916-845-8429 or Maybel.Garing-Espilla@Calema.ca.gov.

Thank you for your work in protecting California. We look forward to your continued collaboration towards our homeland security strategy and appreciate your cooperation and support.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Ursula Harelson'.

Ursula Harelson, Chief
Homeland Security Grants Section

HOMELAND SECURITY, PROPB AND EMERGENCY MANAGEMENT BRANCH
3650 SCHRIEVER AVENUE MATHER, CA 95655
(916) 845-8186

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MANAGEMENT AGENCY

December 18, 2012

Craig Dziedzic
General Manager
Bay Area UASI Program
711 Van Ness Avenue, Suite 420
San Francisco, CA, 94102

SUBJECT: APPROVAL OF SOLE SOURCE CONTRACT REQUEST
FY2011 Homeland Security Grant Program (HSGP)
Grant #2011-SS-0077, OES ID#075-95017

Dear Mr. Dziedzic:

The California Emergency Management Agency (Cal EMA) has received, reviewed, and approved your Sole Source contract request on behalf of the City of San Jose dated December 12, 2012, based on the information provided by your staff to purchase [REDACTED] which was previously approved in the FY09 UASI funds), from the vendor, Harris WPG.

If you have any questions about this letter, please contact your Program Representative, Maybel Garing-Espilla, at 916-845-8429 or Maybel.Garing-Espilla@Calema.ca.gov.

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Homeland Security Grants Section

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3650 SCHRIEVER AVENUE MATHER, CA 95655
(916) 845-8186



HARRIS PROPRIETARY
DO NOT DISTRIBUTE

HARRIS CORPORATION

Government Communications
Systems Division
Wireless Products Group
407 John Rodes Boulevard
Melbourne, Florida 32934
phone 1-321-309-7429
e-mail: czelazny@harris.com
www.harris.com

October 2, 2012

To: San Jose Police Department
Attn: Lt. Dave Tindall, Covert Response Unit, Commander
RE: [REDACTED] Sole Source Justification

Harris Government Communications Systems Division, via its Wireless Products Group (WPG) in Melbourne, FL, offers a comprehensive line of wireless transceivers and direction-finding equipment, plus training and maintenance, for exclusive utilization by Government and Law Enforcement Agencies. Harris WPG developed and owns the equipment designs, but does sub-contract the electronic board assemblies, functional testing of those assemblies, and chassis integration. Harris WPG adds application specific, proprietary software, and conducts final testing on the chassis prior to shipment to the customer. Harris WPG has also developed specialized training courses for the operation and use of the RayFish equipment.

The Harris [REDACTED] product line is the only cooperative [REDACTED] currently available. When interfaced with the optional [REDACTED] and the Harris [REDACTED] the [REDACTED] systems can perform [REDACTED] operations. The transportability and features of the Harris [REDACTED] Systems are unique for tactical mission needs.

The [REDACTED] systems are quoted with software and accessories that are required in order to perform missions. These include the cable assemblies, power supplies, antennas, [REDACTED]

Harris also sells training on the use of the [REDACTED] product line and accessories. Standard training sessions are 2 days per protocol with a maximum class size of 4 students. One-year maintenance agreements are included with all Harris WPG Products. Maintenance agreements include the following:

- Customer telephone LIVE support 24/7 – 800-358-5297
- Hardware warranty
- Notification and access to software upgrades as they are released via our secure website.

Harris WPG is your only source and distributor for the [REDACTED] Systems and compatible accessories, mapping software, training and maintenance.

The nature of the Harris WPG equipment requires that we vet each agency to ensure that users meet certain requirements imposed by Title 18 US Code 2512, thus that process must be handled by Harris WPG directly. The Harris [REDACTED] equipment is proprietary and used for surveillance missions. Its capabilities can only be discussed with sworn law enforcement officers, the military or federal government. This equipment's capabilities are not for public knowledge and are protected under non-disclosure agreements as well as Title 18 USC 2512. WPG [REDACTED] products, services and software are only available from Harris WPG which is located in Melbourne, Florida.

If you require any additional information, please don't hesitate contacting me at (321) 309-7429.

Sincerely,

Cristy Zelazny

Digitally signed by Cristy Zelazny
DN: cn=Harris Corporation, ou=WPG, cn=Cristy
Zelazny
Date: 2012.10.02 14:53:05 -0400

Cristy Zelazny
Sales Specialist
Advanced Programs and Technology
Harris Corporation, Wireless Product Group
Cristal.Zelazny@harris.com

assuredcommunications™

HARRIS PROPRIETARY
DO NOT DISTRIBUTE



PURCHASING ADMINISTRATIVE MANUAL

CITY OF SAN JOSE

Subject: BRAND NAME AND PROPRIETARY PROCUREMENT

EFFECTIVE DATE: 4/1/91, REVISED: 02/15/05

SECTION NO. P-210

☐ Brand Name Purchase☒ Sole Source

Department and Contact Information

Department and Contact Information:

San Jose Police Department, Rick Cheney 537-1632, Lt. Dave Tindall 277-4115

Required Contract Information

Contractor: Harris Government Communications Systems Division

Address: 407 John Rodes Boulevard, Melbourne, Florida, 32934

Contact Person and Telephone Number:

Susan McCreery 1-321-258-9631

Type of Product / Service Offered (briefly describe):

This product is a comprehensive line of wireless transceivers and direction-finding telecommunication equipment that provides the San Jose Police Department with advanced and adaptive communication capabilities. The technology is surveillance based and is protected under non-disclosure agreements and federal law (Title 18 USC 2512)

Complete responses must be provided for all of the items listed below

A. GENERAL INFORMATION:

1. What are the performance requirements and/or functional specifications for the product you are requesting? *(Please provide documentation if available)*

Law Enforcement Surveillance Technology Equipment - The Harris [REDACTED] product line is the only cooperative [REDACTED]

[REDACTED] currently available. When interfaced with the optional [REDACTED] and the Harris [REDACTED] the [REDACTED] systems can perform [REDACTED]. The [REDACTED] features of the Harris [REDACTED] Systems are unique for tactical mission needs.

2. What other or alternate products could potentially meet these performance requirements?

None, the Harris Corporation is a government contractor and sole source provider of this type of technology.

3. What market research was conducted, including evaluation of other items considered? Were there other items with less restrictive specifications available? *(Describe your efforts to identify other goods/services that could have been procured to meet your requirement and indicate why those alternatives were deemed inappropriate or unavailable. Please include the names and addresses of suppliers contacted and the reasons for not considering them, OR explain why the surveyor effort to identify other goods/services was not performed.)*

The Harris Corporation is a government contractor and the sole supplier of this technology and type of product line. The Harris Corporation is bound by Title 18 USC 2512 and is protected under non-disclosure agreement and federal law. Research of the product consisted of testing by San Jose Police and technology and equipment feedback from the U.S. Marshalls Service, [REDACTED] the Oakland Police Department, The Sacramento Sheriffs Department, the San Diego Sheriffs Department, the Los Angeles Police Department, and the Los Angeles Sheriffs Department.

4. Are you purchasing this product in order to conduct a pilot, field test or experiment? Please describe the parameters of the test or experiment, including the operational need, the period for the pilot, and the evaluation criteria.

No

5. Is this product necessary for proper operation or function of an existing system or program? Please explain. Or, Is this product necessary to match existing inventory? Please state why.

No

6. Is the purchase of this product consistent with an approved technology architectural standard? Please attach documentation (i.e., ITPB).

Yes, this technology was vetted and approved by Yosh Mikosz (Division Manager for the San Jose Police Department Systems Development Division). This technology is consistent with operational standards as well as meeting the future goals of the Department and the City of San Jose. This specific procurement has met the threshold of sole source approval by UASI and CALEMA who are funding this project. This technology is in use at the law enforcement agencies listed in question #3.

7. For how long is this brand name purchase request needed? Please state "one-time Purchase Only" or a specific period.

One-time purchase only

B. PRICE ANALYSIS:

8. What pricing information was obtained? See attached quote

9. Describe any cost savings realized or costs avoided by acquiring only this product versus other products. (Please explain significant costs savings or other significant benefits such as enhanced timeliness, quality, compatibility, functionality, existing inventory, administrative costs, etc.).

The San Jose Police Department has requested UASI funding (FY 11/12) in the amount of \$500,000 to begin the South Bay Surveillance Technology Project. See breakdown below. This project would fund the purchase of the Harris [REDACTED] product line to be used as a regional asset in surveillance technology.

2011 UASI Grant

\$250,000 Law Enforcement Technology Equipment (Sole Source Vendor: Harris)

2012 UASI Grant

\$188,000 Law Enforcement Technology Equipment (Sole Source Vendor: Harris)

\$ 42,000 Vehicle Specialized Emerg Mgmt (Vendor TBD)

\$ 20,000 Installation (Vendor TBD)

The San Jose Police Department Covert Response Unit (CRU) is tasked with the tracking and apprehension of serious and violent offenders to include subjects wanted for homicide, kidnapping, serious sexual assault, and robbery. Currently, the CRU uses a combination of historical documentation, cell phone records, and covert surveillance to complete this mission. Often, missions can be lengthy and extremely labor intensive. Individual missions can last days and weeks costing hundred of thousands of dollars in personnel expenditures on any given year. The San Jose Police Department is currently aware of technology developed by the Harris Corporation that would greatly enhance such missions. This technology is currently being used in San Francisco and Oakland with similar UASI funding.

This purchase of this equipment would give officers the ability to [REDACTED]
[REDACTED] Officers would be able to [REDACTED]
[REDACTED] eliminating a vast amount of man hours and thereby enhancing the safety of the public and of other officers. [REDACTED] It is suited for [REDACTED]

[REDACTED] and can also serve as a regional asset to [REDACTED]
[REDACTED] In such a disaster, the South Bay and Santa Clara County has no such technology and both Oakland and San Francisco's equipment would probably be unavailable.

The cost benefit to this technology is immeasurable. The immediate benefit would be to individual agencies using the technology and the elimination of investigative/surveillance man hours. This benefit can easily range into the hundreds of thousands of dollars per annum per agency. The secondary and more important benefit would be that of life to the potential victims of crime, those in need of immediate assistance in a [REDACTED]

Required Approval

Requesting Department Director

Date

1/17/13

Name

Henry Cisneros

2/18/13

A.D/C ~~C.D~~ 2/23

C. DAVID KNOPF 2/2/13

California Emergency Management Agency

REQUEST FOR SOLE SOURCE PROCUREMENT AUTHORIZATION

Subgrantee Name: City of San Jose – San Jose Police Department

Homeland Security Grant Program FY _____ Grant Number _____ Cal EMA ID# _____

Urban Area Security Initiative (UASI) FY 11 Grant Number _____ Cal EMA ID# _____

Other Program FY _____ Grant Number _____ Cal EMA ID# _____

Project name: B-Enhance Information Analysis & Infrastructure Protection

Project Budget: \$250,000

- I. Describe the project and/or activity that will be provided by the proposed sole source vendor/contractor.

The City of San Jose requests sole source approval is utilize the vendor Harris Corporation for the purchase of equipment [REDACTED]

The vendor will be providing a comprehensive line of wireless [REDACTED] plus training and maintenance, for exclusive utilization by Government and Law Enforcement Agencies. Harris WPG developed and owns the [REDACTED] Harris WPG adds application specific, [REDACTED] and conducts final testing on the chassis prior to shipment to the customer. Harris WPG has also developed specialized training courses for the operation and use of the [REDACTED] equipment.

The Harris [REDACTED] product line is the only cooperative [REDACTED] currently available. When interfaced with the optional [REDACTED] and the [REDACTED] the [REDACTED] systems can perform [REDACTED] The transportability and [REDACTED] features of the Harris [REDACTED] Systems are unique for tactical mission needs.

The [REDACTED] systems are quoted with software and accessories that are required in order to perform missions. These include the cable assemblies, power supplies, antennas,

[REDACTED]

Equipment & Description	Cost	AEL number
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California Emergency Management Agency

REQUEST FOR SOLE SOURCE PROCUREMENT AUTHORIZATION

Law Enforcement Technology Equipment	\$250,000	13LE-00-SURV

2. Describe your organization's standard procedures when sole source contracting is considered, including the conditions under which a sole source contract is allowed, and any other applicable criteria (i.e. approval requirements, monetary thresholds, etc.).

San José Municipal Code sections 4.12.230, 4.12.235 and 4.12.240 allow for sole source purchases of such supplies, materials, or equipment which can be obtained from only one (1) vendor or manufacturer. The procurement authority may initiate procurement for unique professional or other services where the procurement authority determines that an unusual or unique situation exists that make the application of the requirements for competitive procurement of a services agreement contrary to the public interest. Any special, qualifying procurement shall be made with such competition as is practicable under the circumstance. A written determination of the basis for the procurement and for the selection of the particular contractor shall be included by the Procurement authority in the department files. Except as provided below, no specifications for the procurement of supplies, materials or equipment shall be written in a manner that limits the purchase to a single manufacturer or brand name product. A specification may contain a brand name if the specification is followed by the words "or equal" under circumstances where it is reasonably possible for equivalency to be demonstrated.

The provisions of Subsection A. shall not apply if the director has determined in writing, with specific findings therefore, that a particular product may be specifically designated by reason of one (1) or more of the following purposes:

- 1. In order to acquire a specific product(s) for the purpose of conducting a field test or experiment to determine the product's suitability for use by the city.*
- 2. When it is required for proper operation or function to match other products with respect to the repair or expansion or completion of a system or program already in use by the city, including, but not limited to, technology purchases required to achieve interoperability with existing hardware, software, systems or programs.*
- 3. In order to obtain a necessary item that is available only from one (1) source and which is purchased in accordance with Section 4.12.230 of this Code.*

California Emergency Management Agency

REQUEST FOR SOLE SOURCE PROCUREMENT AUTHORIZATION

4. *In order to make an emergency purchase pursuant to Section 4.12.220 of this Code.*
5. *In order to achieve significant cost savings based upon consideration of the following cost factors:*
 - a. *Timeliness and quality of installation, repair and maintenance;*
 - b. *Quality of user training;*
 - c. *Supplies and replacement parts;*
 - d. *Modification of existing equipment, materials or systems;*
 - e. *Future upgrades and updates;*
 - f. *Estimated amount and cost of reasonably foreseeable future purchases of equipment that would be required to be compatible or functional with the product which is the subject of the standardization determination.*
 - g. *Administrative costs.*
- C. *The director's written decision shall state the facts reviewed in arriving at the decision, the reasons for the decision, the period of time for which it is valid for making purchases and under what conditions it must be reviewed for possible revision. A copy of the director's decision shall be attached to any report to the city council seeking approval of a purchase under this section.*
- D. *Nothing in this section shall prohibit the inclusion in specifications of an industry standard with regard to performance that can be met by more than one product or manufacturer.*
- E. *Purchases of equipment, materials or supplies shall not be segregated or conducted in any manner for the purpose of avoiding the requirements of this section.*
- F. *The director shall establish written administrative procedures to carry out the provisions of this section.*

Sole source purchases are rare and only items which cannot be produced by another company will be considered. The fact that we already have possession of a Talon IV robot allow for a sole source purchase. This robot radio assembly is only made by the same company which makes the robot. In order to make this robot fully mission capable we must purchase the radio assembly because no other manufacturer makes this radio for this specific robot.

California Emergency Management Agency

REQUEST FOR SOLE SOURCE PROCUREMENT AUTHORIZATION

3. Indicate which of the following circumstances resulted in your organization's need to enter into a sole source contract.

- a. Item/service is only available from one source (Describe the process used to make that determination. Please provide details.)

Harris WPG is the only source and distributor for the [REDACTED] and compatible accessories, [REDACTED] software, training and maintenance. The San Jose Police Department has done extensive research and has contacted police agencies, in California, that utilize this type of technology. These agencies include San Francisco PD, Oakland PD, Los Angeles PD, San Diego PD, Sacramento Sheriffs Department and Los Angeles Sheriffs Department. Each of these agencies utilize Harris products and many through UASI Grant funding (See attached cost benefit analysis for further sole source justification).

The nature of the Harris WPG equipment requires that each agency is vetted to ensure that users meet certain requirements imposed by Title 18 US Code 2512, thus that process must be handled by Harris WPG directly. The Harris [REDACTED] equipment is proprietary and used for [REDACTED] missions. Its capabilities can only be discussed with sworn law enforcement officers, the military or federal government. This equipment's capabilities are not for public knowledge and are protected under non-disclosure agreements as well as Title 18 USC 2512. WPG [REDACTED] products, services and software are only available from Harris WPG which is located in Melbourne, Florida.

- b. A public urgency or emergency will not permit a delay resulting from competitive solicitation. According to the US Department of Homeland Security/FEMA, "Time constraints will not be considered a factor if the subgrantee has not sought competitive bids in a timely manner." (Describe the urgency or emergency. Please provide details)
- c. After solicitation of a number of sources, competition was determined inadequate. (Describe the solicitation process that determined competition was inadequate. Please provide details, and attach any relevant supporting material, Request for Proposal, etc.)
4. Did your organization confirm that the contractor/vendor is not debarred or suspended?

Yes

5. Will your organization be able to complete all activities associated with the sole source contract by the end of the grant performance period?

Yes

California Emergency Management Agency

REQUEST FOR SOLE SOURCE PROCUREMENT AUTHORIZATION

6. Has your organization determined the costs are reasonable?

Yes

7. Please attach a copy of the cost benefit analysis prepared for this procurement.

See Attached

Submitted by: _____ Date: _____
(Name) (Signature)

California Emergency Management Agency

REQUEST FOR SOLE SOURCE PROCUREMENT AUTHORIZATION

Subgrantee Name: City of San Jose -- San Jose Police Department

Homeland Security Grant Program FY _____ Grant Number _____ Cal EMA ID# _____

Urban Area Security Initiative (UASI) FY 12 Grant Number _____ Cal EMA ID# _____

Other Program FY _____ Grant Number _____ Cal EMA ID# _____

Project name: B-Enhance Information Analysis & Infrastructure Protection

Project Budget: \$250,000

- I. Describe the project and/or activity that will be provided by the proposed sole source vendor/contractor.

The City of San Jose requests sole source approval to utilize the vendor Harris Corporation for the purchase of equipment that [REDACTED]

The vendor will be providing a comprehensive line of [REDACTED]
equipment, plus training and maintenance, for exclusive utilization by
Government and Law Enforcement Agencies. Harris WPG [REDACTED]
but does [REDACTED]
Harris WPG adds application
specific, [REDACTED] *and conducts final testing on the chassis prior to shipment*
to the customer. Harris WPG has also developed specialized training courses for the
operation and use of the [REDACTED] *equipment.*

The Harris [REDACTED] *product line is the only cooperative* [REDACTED]
systems currently
available. When interfaced with the optional [REDACTED]
and the [REDACTED]
the [REDACTED] *systems can perform* [REDACTED] *The*
transportability and [REDACTED] *features of the Harris* [REDACTED]
Systems are unique for tactical mission needs.

The [REDACTED] *systems are quoted with software and accessories that are required in order*
to perform missions. These include the cable assemblies, power supplies, antennas,
[REDACTED]

Equipment & Description	Cost	AEL number
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California Emergency Management Agency

REQUEST FOR SOLE SOURCE PROCUREMENT AUTHORIZATION

Law Enforcement Technology Equipment	\$165,049	13LE-00-SURV
Training (Harris Corporation)	\$16,000	21GN-00-TRNG

2. Describe your organization's standard procedures when sole source contracting is considered, including the conditions under which a sole source contract is allowed, and any other applicable criteria (i.e. approval requirements, monetary thresholds, etc.).

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The provisions of Subsection A. shall not apply if the director has determined in writing, with specific findings therefore, that a particular product may be specifically designated by reason of one (1) or more of the following purposes:

- 1. In order to acquire a specific product(s) for the purpose of conducting a field test or experiment to determine the product's suitability for use by the city.*
- 2. When it is required for proper operation or function to match other products with respect to the repair or expansion or completion of a system or program already in use by the city, including, but not limited to, technology purchases required to achieve interoperability with existing hardware, software, systems or programs.*

California Emergency Management Agency

REQUEST FOR SOLE SOURCE PROCUREMENT AUTHORIZATION

3. *In order to obtain a necessary item that is available only from one (1) source and which is purchased in accordance with Section 4.12.230 of this Code.*
4. *In order to make an emergency purchase pursuant to Section 4.12.220 of this Code.*
5. *In order to achieve significant cost savings based upon consideration of the following cost factors:*
 - a. *Timeliness and quality of installation, repair and maintenance;*
 - b. *Quality of user training;*
 - c. *Supplies and replacement parts;*
 - d. *Modification of existing equipment, materials or systems;*
 - e. *Future upgrades and updates;*
 - f. *Estimated amount and cost of reasonably foreseeable future purchases of equipment that would be required to be compatible or functional with the product which is the subject of the standardization determination.*
 - g. *Administrative costs.*
- C. *The director's written decision shall state the facts reviewed in arriving at the decision, the reasons for the decision, the period of time for which it is valid for making purchases and under what conditions it must be reviewed for possible revision. A copy of the director's decision shall be attached to any report to the city council seeking approval of a purchase under this section.*
- D. *Nothing in this section shall prohibit the inclusion in specifications of an industry standard with regard to performance that can be met by more than one product or manufacturer.*
- E. *Purchases of equipment, materials or supplies shall not be segregated or conducted in any manner for the purpose of avoiding the requirements of this section.*
- F. *The director shall establish written administrative procedures to carry out the provisions of this section.*

Sole source purchases are rare and only items which cannot be produced by another company will be considered. The fact that we already have possession of a Talon IV robot allow for a sole source purchase. This robot radio assembly is only made by the same company which makes the robot. In order to make this robot fully mission capable

California Emergency Management Agency

REQUEST FOR SOLE SOURCE PROCUREMENT AUTHORIZATION

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3. Indicate which of the following circumstances resulted in your organization's need to enter into a sole source contract.

- a. Item/service is only available from one source (Describe the process used to make that determination. Please provide details.)

Harris WPG is the only source and distributor for the [REDACTED] Systems and compatible accessories, [REDACTED] training and maintenance. The San Jose Police Department has done extensive research and has contacted police agencies, in California, that utilize this type of technology. These agencies include San Francisco PD, Oakland PD, Los Angeles PD, San Diego PD, Sacramento Sheriffs Department and Los Angeles Sheriffs Department. Each of these agencies utilize Harris products and many through UASI Grant funding (See attached cost benefit analysis for further sole source justification).

The nature of the Harris WPG equipment requires that each agency is vetted to ensure that users meet certain requirements imposed by Title 18 US Code 2512, thus that process must be handled by Harris WPG directly. The Harris [REDACTED] equipment is proprietary and used for [REDACTED] missions. Its capabilities can only be discussed with sworn law enforcement officers, the military or federal government. This equipment's capabilities are not for public knowledge and are protected under non-disclosure agreements as well as Title 18 USC 2512. WPG [REDACTED] products, services and software are only available from Harris WPG which is located in Melbourne, Florida.

- b. A public urgency or emergency will not permit a delay resulting from competitive solicitation. According to the US Department of Homeland Security/FEMA, "Time constraints will not be considered a factor if the subgrantee has not sought competitive bids in a timely manner." (Describe the urgency or emergency. Please provide details)
- c. After solicitation of a number of sources, competition was determined inadequate. (Describe the solicitation process that determined competition was inadequate. Please provide details, and attach any relevant supporting material, Request for Proposal, etc.)

4. Did your organization confirm that the contractor/vendor is not debarred or suspended?

Yes

California Emergency Management Agency

REQUEST FOR SOLE SOURCE PROCUREMENT AUTHORIZATION

5. Will your organization be able to complete all activities associated with the sole source contract by the end of the grant performance period?

Yes

6. Has your organization determined the costs are reasonable?

Yes

7. Please attach a copy of the cost benefit analysis prepared for this procurement.

See Attached

Submitted by: _____ Date: _____
(Name) (Signature)

San Jose Police Department Cost Benefit Analysis

The San Jose Police Department has requested UASI funding (FY 11/12) in the amount of \$500,000 for the South Bay Surveillance Technology Project. This project would fund the purchase of the Harris [REDACTED] product line to be used as a regional asset in surveillance technology.

The South Bay Surveillance Technology Project is comprised of [REDACTED]. There are several methods of location which include: Global Positioning System (GPS), Uplink-Time Difference of Arrival (U-TDOA) and Enhanced Observed Time Difference (E-OTD). While each technology has its positives; there are several issues with each that will impact the purpose of this specific purchase; these include: an approximate (non-specific) location with GPS (approximately 50-250 meters depending on local and tower placement), an unknown quantity of pre-placed local measuring points with U-TDOA, and specialized software already installed and enabled on a target phone with E-OTD. Of these methods, U-TDOA provides the most dependable location based on cell phone triangulation from cellular towers.

The City of San Jose Police Department is seeking sole source approval to utilize the vendor Harris Corporation for the purchase of a comprehensive line of [REDACTED]. The Harris [REDACTED] product line is the only cooperative [REDACTED] system currently available. This [REDACTED]. This can be used [REDACTED] and at cost of [REDACTED] which includes training.

The only alternative to this product is held by the vendor TruePosition®. TruePosition® uses U-TDOA technology utilizing a stationary platform and the deployment of Local Measuring Units (LMU's) which act as signal relay points. This method is not conducive to San Jose operations because the system signal strength relies on the proper number of LMU's positioned throughout the City and in proximity to the target phone. A significant study would be needed to know the proper amount of LMU's needed to cover the 171 square miles that encompass the City of San Jose. Additionally, the TruePosition® system would require several specialized package licenses and special agreements with all of the individual cellular carriers. The cumulative issues with this vendor could run into the millions and be cost prohibitive. It is for these reasons that this vendor and its product are being dismissed.

This purchase of Harris equipment would give officers the ability [REDACTED]. Such requests from [REDACTED] companies can take days and even weeks to acquire. Officers would be able to [REDACTED] eliminating a vast amount of man hours and thereby enhancing the safety of the public and of other officers. A recent case where this technology was used netted a suspect wanted for murder, multiple armed robberies, and the attempted murder of a police officer. This technology also has [REDACTED].

applications. It is suited for [REDACTED] and can
also serve as a regional asset to [REDACTED] This
system [REDACTED]

to [REDACTED]

[REDACTED] In such a disaster, the South Bay and Santa Clara County has no
such technology and both Oakland and San Francisco's equipment would probably be
unavailable.

An analysis of Officers, in San Jose, utilizing this equipment showed a marked reduction
in investigative and surveillance time. The time and hours saved equate to extensive
salary savings. This salary benefit alone would range into hundreds of thousands of
dollars for the City of San Jose and additionally for any other agency, in the region,
requesting the equipment. Furthermore, the equipment and technology would be used to
save the lives of victims of crime, those in need of immediate [REDACTED]
[REDACTED]