

OFFICE OF CHICAGO
DEPARTMENT OF PURCHASES.
CONTRACTS AND SUPPLIES
ROOM 403, CITY HALL, 121 N. LA SALLE ST.

CONTRACT ADMINISTRATION RECEIVED: _____ DATE: _____
CA/CN RECOMMENDS: _____ DATE: _____
UNIT MANAGER CONCURS: _____ DATE: _____
BOARD SECRETARY RECEIVED: _____ DATE: _____

JUSTIFICATION FOR NON-COMPETITIVE PROCUREMENT

COMPLETE THIS SECTION IF NEW CONTRACT, TERM AGREEMENT OR PURCHASE ORDER

For contract(s) or purchase order, answer applicable questions in each of the 4 major subject areas below in accordance with the Instructions for Preparation of Non-Competitive Procurement Form on the reverse side.

Request that negotiations be conducted only with FLIK CORP. for the product and/or services described herein.

This is a request for: (One-Time Contract or P.O. per Requisition # _____, copy attached) or Term Agreement or Delegate Agency (Check one). If Delegate Agency, this request is for "blanket approval" of all contracts within the _____ program. (Attach List)

COMPLETE THIS SECTION IF AMENDMENT OR MODIFICATION TO CONTRACT

Describe in detail the change in terms of dollars, time period, scope of services, etc., its relationship to the original contract and the specific reasons for the change. Indicate both the original and the adjusted contract amount and/or expiration date with this change, as applicable. Attach copy of all supporting documents. Request approval for a contract amendment or modification to the following:

Contract #: _____ Company or Agency Name: _____

Specification #: _____ Contract or Program Description: _____
Mod #: _____ (Attach List, if multiple)

MICHAEL PALUMBO 743-4196 [Signature] Five 3/11/04
Originator Name Telephone Signature Department Date

Indicate SEE ATTACHED in each box below if additional space needed:

(X) PROCUREMENT HISTORY SEE ATTACHED
(X) ESTIMATED COST SEE ATTACHED
(X) SCHEDULE REQUIREMENTS SEE ATTACHED
(X) EXCLUSIVE OR UNIQUE CAPABILITY SEE ATTACHED
(X) OTHER SEE ATTACHED

APPROVED BY: Tanya Rucera 3/11/04 _____ _____
DEPARTMENT HEAD DATE BOARD CHAIRPERSON DATE
OR DESIGNEE

JUSTIFICATION OF NON-COMPETITIVE PROCUREMENT

Procurement History

1. **Describe the requirement and how it evolved from initial planning to its present status.**

In 2001 the Fire Department purchased a new helicopter which was to include this piece of equipment. Due to budgetary reasons the original equipment note funds were re-allocated, and this purchase was deferred. The aircraft was configured with the sole intent of installing the FLIR camera system. Adding this piece of equipment helps to bring the Chicago Fire Department in line with nationally accepted standards for equipment used to locate swimmers and boats lost or in distress, particularly at night or during periods of reduced visibility. This system, when installed on the helicopter, could also be used to assist all city departments in the management of conflagration, natural disasters or civil disturbances.

2. **Is this a first time requirement or a continuation of previous procurement from the same source? If so, explain the procurement history.**

This is a first time requirement, yet due to the circumstances of the procurement history, the completion of the installation is now taking place.

3. **Explain attempts made to competitively bid the requirement. (Attach copy of notices and list of sources contacted).**

Competitive bid is not possible.

4. **If an RFP/RFQ or other application was issued, attach a) List of firms notified and list of Respondents; b) copy of RFP/RFQ and Newspaper Ads; c) List of Selection/Evaluation Criteria used; d) Evaluation Committee Members and e) Evaluation Summary which compares the proposals and explains the reason for the selection(s). For Delegate Agencies, attach list of all agencies to be funded, description of program goals and a narrative of the solicitation and evaluation process used to make the selection(s) including specific reasons for funding some agencies and not others.**

N/A

5. **Describe any research done to find other sources (List other cities contacted, companies in the industry contacted, professional organizations, periodicals and other publications used).**

Research in this area has been conducted over many years through attendance of national conferences and from researching professional / technical aviation publications.

6. **Explain future procurement objectives. Is this a one-time request or will future requests be made for doing business with the same source?**

This is a one time request.

7. **Explain whether or not future competitive bidding is possible. If not, why not?**

No.

See answer # 1

Estimated Cost

1. **What is the estimated cost for this requirement (or for each contract, if multiple awards contemplated)? What is the funding source?**

Total quote is estimated to be \$255,973

The funding strip has been designated as 03-446-59-2005-6082-0440-0100-55859111.

2. **What is the estimated cost by fiscal year, if the job, project or program covers multiple years?**

N/A

3. **Explain the basis for estimating the cost and what assumptions were made and/or data used (ie. budgeted amount, previous contract price, current catalog or cost proposal from firms solicited, engineering or in-house estimate, etc.)**

Per quote.

4. **Explain whether the proposed Contractor or the City has a substantial dollar investment in original design, tooling or other factors which would be duplicated at City expense if another source was considered. Describe cost savings or other measurable benefits to the City which may be achieved.**

N/A

5. **Explain what negotiation of price has occurred or will occur. Detail why the estimated cost is deemed reasonable.**

The cost is per industry standard and deemed appropriate by CFD.

Schedule Requirements

1. **Explain how the schedule was developed and at what point the specific dates were known.**

N/A

2. **Is lack of drawings and/or specifications a constraining factor to competitive bidding? If so, why is the proposed Contractor the only person or firm able to perform under these circumstances? Why are the drawings and specifications lacking? What is the lead time required to get drawings and specifications suitable for competition? If lack of drawings and specifications is not a constraining factor to competitive bidding, explain why only one person or firm can meet the required schedule.**

N/A

3. **Outline the required schedule by delivery or completion dates and explain the reasons why the schedule is critical.**

N/A

4. **Describe in detail what impact delays for competitive bidding would have on City operations, programs, costs and budgeted funds.**

Must be in service by 2004 boating/swimming season for public safety reasons.

Exclusive or Unique Capability

1. **If contemplating hiring a person or firm as a Professional Service Consultant, explain in detail what professional skills, expertise, qualifications or other factors make this person or firm exclusively or uniquely qualified for the project. Attach copy of cost proposal and scope or services.**

N/A

2. **Does the proposed firm have personnel considered unquestionably predominant in the particular field?**

Yes. This company invented infrared thermal imaging technology for U.S. military.

3. **What prior experience of a highly specialized nature does the person or firm exclusively possess that is vital to the job, project or program?**

See Ans. # 2

4. **What technical facilities or test equipment does the person or firm exclusively possess of a highly specialized nature which is vital to the job?**

See Ans. # 2

5. **What other capabilities and/or capacity does the proposed firm possess which is necessary for the specific job, project or program which makes them the only source who can perform the work within the required time schedule without unreasonable costs to the City?**

See Procurement History Ans. # 1

6. **If procuring products or equipment, describe the intended use and explain any exclusive or unique capabilities, features and/or functions the items have which no other brands or models, etc. possess. Is compatibility with existing equipment critical from an operational standpoint? Explain why.**

See Procurement History Ans. # 1

Yes. See Ans. # 5.

7. **Is completion precluded because of the existence of patent rights, copyrights, trade secrets, technical data, or other proprietary data? Attach documentation verifying such.**

N/A

8. **If procuring replacement parts and/or maintenance services, explain whether or not replacement parts and/or services can be obtained from any other sources? If not, is the proposed firm the only authorized or exclusive dealer/distributor and/or service center? If so, attach letter from manufacturer.**

A maintenance contract will be negotiated once the warranty expires and funding is budgeted.
(Estimated in 2005)

Other

1. Explain other related considerations and attach all applicable supporting documents (MIS Steering Committee Approval form, etc.)

N/A

2. Explain what opportunities of direct/indirect involvement of Minority or Women Business Enterprises have been discussed and/or are available on this contract. Contact Michael Palumbo (744-0530) prior to responding to this question.

Given the nature of this product and the location of their company (Oregon) this vendor will have no opportunity for direct or indirect MBE/WBE participation. We respectfully request "non stated goal" be utilized.

Review and Approval

This form must be signed by both the Originator of the request and approved by the Bureau Commander.

NOTE:

Upon the determination of the Purchasing Department this request may be forwarded to the Sole Source Review Board. If forwarded the Originator must attend a minimum of two (2) sole source review board meetings to clarify this request. The Originator will be contacted by the Finance Division in this event.

Originators Signature DDC J. Keegan Date 1-2-04

Bureau Commanders Signature J. Smully Date 1/24/04

**CITY OF CHICAGO
 PURCHASE REQUISITION**

Copy (Department)

DELIVER TO: 313 AIR RESCUE DIVISION 5713 S. CENTRAL Chicago, IL	REQUISITION: 12476 PAGE: 1 DEPARTMENT: 59 - FIRE DEPARTMENT PREPARER: Esther M Shelby NEEDED: APPROVED: 2/25/2004
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REQUISITION DESCRIPTION

FLIR SYSTEM ULTRA 8500
 SPECIFICATION NUMBER: 21561

COMMODITY INFORMATION

LINE	ITEM	QUANTITY	UOM	UNIT COST	TOTAL COST
1	22029	1.00	Each	192,734.00	192,734.00
FLIR SYSTEMS Ultra 8500 Dual Sensor Airborne Thermal Imaging System, including: Gyro-stabilized Dual-Sensor Turret FLIR Unit(TFU), Hand Control Unit(HUC), Electronics Control Unit(ECU), Auto-tracker, Operator's Manual and Shipping case					

SUGGESTED VENDOR: FLIR Systems Inc **REQUESTED BY:** Harry Vergis

DIST	BFY	FUND	COST CTR	APPR	ACCNT	ACTV	PROJECT	RPT CAT	GENRL	FUTR	Dist. Amt.
1	003	0446	0592005	6082	220440	0100	55859111	000000	00000	0000	192,734.00
LINE TOTAL:											192,734.00

LINE	ITEM	QUANTITY	UOM	UNIT COST	TOTAL COST
2	22029	1.00	Each	3,803.00	3,803.00
5" Avalex Monitor (P/N AVM4060)					

SUGGESTED VENDOR: FLIR Systems Inc **REQUESTED BY:** Harry Vergis

DIST	BFY	FUND	COST CTR	APPR	ACCNT	ACTV	PROJECT	RPT CAT	GENRL	FUTR	Dist. Amt.
1	003	0446	0592005	6082	220440	0100	55859111	000000	00000	0000	3,803.00
LINE TOTAL:											3,803.00

LINE	ITEM	QUANTITY	UOM	UNIT COST	TOTAL COST
3	22029	1.00	Each	4,550.00	4,550.00
Isolation Collar (MA-100)					

SUGGESTED VENDOR: FLIR Systems Inc **REQUESTED BY:** Harry Vergis

DIST	BFY	FUND	COST CTR	APPR	ACCNT	ACTV	PROJECT	RPT CAT	GENRL	FUTR	Dist. Amt.
1	003	0446	0592005	6082	220440	0100	55859111	000000	00000	0000	4,550.00
LINE TOTAL:											4,550.00

LINE	ITEM	QUANTITY	UOM	UNIT COST	TOTAL COST
4	22029	1.00	Each	980.00	980.00
Dovetail assembly, upper and lower					

SUGGESTED VENDOR: FLIR Systems Inc **REQUESTED BY:** Harry Vergis

DIST	BFY	FUND	COST CTR	APPR	ACCNT	ACTV	PROJECT	RPT CAT	GENRL	FUTR	Dist. Amt.
1	003	0446	0592005	6082	220440	0100	55859111	000000	00000	0000	980.00
LINE TOTAL:											980.00

**CITY OF CHICAGO
 PURCHASE REQUISITION**

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REQUISITION DESCRIPTION
 FLIR SYSTEM ULTRA 8500
 SPECIFICATION NUMBER: 21561

COMMODITY INFORMATION

LINE	ITEM	QUANTITY	UOM	UNIT COST	TOTAL COST
5	22029	1.00	Each	16,312.00	16,312.00

Nightsun Slave System(SLASS) 15470-00

SUGGESTED VENDOR: FLIR Systems Inc

REQUESTED BY: Harry Vergis

DIST	BFY	FUND	COST CTR	APPR	ACCNT	ACTV	PROJECT	RPT CAT	GENRL	FUTR	Dist. Amt.
1	003	0446	0592005	6082	220440	0100	55859111	000000	00000	0000	16,312.00
LINE TOTAL:											16,312.00

LINE	ITEM	QUANTITY	UOM	UNIT COST	TOTAL COST
6	22029	1.00	Each	5,194.00	5,194.00

Avalex DVR with remote

SUGGESTED VENDOR: FLIR Systems Inc

REQUESTED BY: Harry Vergis

DIST	BFY	FUND	COST CTR	APPR	ACCNT	ACTV	PROJECT	RPT CAT	GENRL	FUTR	Dist. Amt.
1	003	0446	0592005	6082	220440	0100	55859111	000000	00000	0000	5,194.00
LINE TOTAL:											5,194.00

LINE	ITEM	QUANTITY	UOM	UNIT COST	TOTAL COST
7	22029	1.00	Each	19,100.00	19,100.00

1 year extended warranty

SUGGESTED VENDOR: FLIR Systems Inc

REQUESTED BY: Harry Vergis

DIST	BFY	FUND	COST CTR	APPR	ACCNT	ACTV	PROJECT	RPT CAT	GENRL	FUTR	Dist. Amt.
1	003	0446	0592005	6082	220440	0100	55859111	000000	00000	0000	19,100.00
LINE TOTAL:											19,100.00

LINE	ITEM	QUANTITY	UOM	UNIT COST	TOTAL COST
8	22029	1.00	Each	9,800.00	9,800.00

Installation of system and accessories

SUGGESTED VENDOR: FLIR Systems Inc

REQUESTED BY: Harry Vergis

DIST	BFY	FUND	COST CTR	APPR	ACCNT	ACTV	PROJECT	RPT CAT	GENRL	FUTR	Dist. Amt.
1	003	0446	0592005	6082	220440	0100	55859111	000000	00000	0000	9,800.00
LINE TOTAL:											9,800.00

**CITY OF CHICAGO
 PURCHASE REQUISITION**

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DELIVER TO: 313 AIR RESCUE DIVISION 5713 S. CENTRAL Chicago, IL	REQUISITION: 12476 PAGE: 3 DEPARTMENT: 59 - FIRE DEPARTMENT PREPARER: Esther M Shelby NEEDED: APPROVED: 2/25/2004
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REQUISITION DESCRIPTION
 FLIR SYSTEM ULTRA 8500
 SPECIFICATION NUMBER: 21561

COMMODITY INFORMATION

LINE	ITEM	QUANTITY	UOM	UNIT COST	TOTAL COST						
9	22029 Training	1.00	Each	3,500.00	3,500.00						
SUGGESTED VENDOR: FLIR Systems Inc		REQUESTED BY: Harry Vergis									
DIST	BFY	FUND	COST CTR	APPR	ACCNT	ACTV	PROJECT	RPT CAT	GENRL	FUTR	Dist. Amt.
1	003	0446	0592005	6082	220440	0100	55859111	000000	00000	0000	3,500.00
LINE TOTAL:											3,500.00
REQUISITION TOTAL:											255,973.00

ULTRA 8500 Airborne Imaging System PRICING AND DELIVERY INFORMATION			
Item	Qty	Description	Unit Price
1	1	FLIR SYSTEMS Ultra 8500 Dual-Sensor Airborne Thermal Imaging System, includes the following standard components: ♦ Gyro-stabilized Dual-Sensor Turret FLIR Unit (TFU) ♦ Hand Control Unit (HCU) ♦ Electronics Control Unit (ECU) ♦ Auto-tracker ♦ Operator's Manual ♦ Shipping Case	\$210,500
2	1	5" Avalex Monitor (P/N AVM4060)	\$3,803
3	1	Isolation Collar (MA-100)	\$4,550
4	1	Dovetail assembly, upper and lower	\$980
5	1	Nightsun Slave System (SLASS) 15470-000	\$16,312
6	1	Avalex DVR 8000 with remote	\$5,194
7	1	1 year extended warranty	\$19,100
8	1	Installation of system and accessories	\$9,800
9	1	Freight	\$100
10	1	Training	\$3,500
Sub-total			\$273,839
Preferred Customer Discount			(\$17,866)
Package Total Price Discounted to Chicago Fire Department			\$255,973

FLIR Systems Inc.
 16 Esquire Road, N. Billerica, MA 01862 USA
 http://www.flir.com

11 978 901 8000
 11 978 901 8885

Water Taxi Capsizes At Inner Harbor

Saturday, March 06, 2004 - WBAL Radio and The Associated Press

Rescue crews continue to search for passengers after a water taxi capsized near Fort McHenry.

Baltimore City Fire Department spokesman Kevin Cartwright says 18 people have been rescued, while at least six remained missing.

Cartwright said that six people were sent to local hospitals. He said one child and one adult were in cardiac arrest.

"Their hearts are not pumping, nor is there any respiration," Cartwright said. "We have not pronounced them dead yet."

Empty lifevests could be seen floating in the water. The water temperature in the area is likely in the 40s, according to WBAL meteorologist John Collins.

The fire department received the call around 4 p.m., shortly after a strong but quick thunderstorm rolled through the Inner Harbor area.

"Possibly the strong storm that came through caused it to take place," Cartwright said.

Divers were in the water searching for passengers, while police helicopters equipped with thermal-imaging devices hovered above.

The Inner Harbor is one of the nation's oldest seaports and draws millions of tourists every year. Water taxis ferry thousands of visitors to the many points on the harbor.

WBAL Radio
<http://wbal.com/>



Ultra 8500 Quotation # BOS0312-02 Chicago Fire Dept.

Page 1

December 9, 2003

Chief Harry Vergis
Chicago Fire Dept. Air Sea Rescue
3954 East Fireman Drive
Chicago, IL 60617

Re: FLIR SYSTEMS, INC. Ultra 8500 System Proposal No.
BOS0312-02

Dear Chief Vergis,

Thank you for your recent request for quotation for a FLIR Systems' ULTRA 8500 Thermal Imaging System. Please find attached pricing, specification and delivery information on this system and its relevant options. As the worldwide leader in airborne thermal imaging, FLIR Systems specializes in products developed specifically for the Search and Rescue community.



Ultra 8500



Simplified
Controller

The ULTRA 8500 Airborne Thermal Imager

The ULTRA 8500 system is FLIR's newest airborne imaging system and represents the state-of-the-art in airborne thermal imaging for law enforcement professionals. The ULTRA 8500 is common to the 9" turret family in form and fit, while adding new imaging capabilities and minimizing the Operator's workload. The rugged, lightweight ULTRA 8500 offers advanced features that build on the continuous production of more than 30,000 IR cameras over the past 35 years. The ULTRA 8500 has a new high resolution digital infrared imaging payload which delivers stunning picture quality, even in extreme temperature environments and low thermal contrast scenes. Operators can select between FLIR's unique infrared 10:1 continuous or 3 preset zoom levels depending on the situation. The preset zooms offer fast situational awareness. Either way, you never lose site of the target. The ULTRA 8500 comes equipped with an IR auto focus system to lighten the Operator's workload. The ULTRA 8500's CCD camera also offers a continuous zoom lens with auto focus system, along with a low-light mode to extend the effective use of the CCD camera into dawn and dusk operations.

Light in Weight, Packed with Features

The ULTRA 8500 is not only the smallest and lightest FLIR in its class, but it is also the most capable. The U7000 family has many advanced features which are included as standard in the ULTRA 8500. The ULTRA 8500 will meet or exceed all of the stated performance specifications contained in the attached data sheet.

Standard features include:

- A 9" Sealed Gimbal with exceptional ground clearance
- 360° Rotational capability in both azimuth and elevation
- Automatic stowage position to protect the exposed optical surfaces
- Maximum Stabilization through the use of fiber-optic gyroscopes
- 10:1 Continuous Zoom IR Optical System

New Features to Minimize Operator Workload

FLIR Systems Inc.
16 Esquire Road, N. Billerica, MA 01862 USA
http://www.flir.com

☎ 1 978 901 8000
☎ 1 978 901 8885

The ULTRA 8500's design has added features that significantly reduce Operator workload. Years of pilot feedback coupled with FLIR's investment in product engineering has produced a capable and user-friendly system with a host of new features including:

- Autofocus modes for both the IR and CCD optical telescopes
- Best-in-class Auto-tracker to keep targets in the Operator's field-of-view during "hands-free" operation
- A new rugged, easy to use hand controller with a large, long throw transducer for hours of comfortable use
- FLIR's high resolution digital infrared imager designed for reliability and stunning image quality
- An easy-to-interpret, icon-based color graphics overlay with operator-customized display symbology

Customer Satisfaction is our Top Priority

FLIR Systems' commitment to your success will not end with your decision to purchase one of our systems. Our network of regional field support personnel and qualified factory service staff are constantly available to meet your installation, training and service requirements.

Optional Mission Equipment and Services

FLIR's experience in the Airborne Law Enforcement market has shown us that no two applications are identical. For this reason, we have developed an extensive selection of mission accessories and services. In the attached quotation, you will find the detail of items and services that we believe will best fit your application.

All orders accepted are subject to FLIR's standard Terms and Conditions which are attached for your review. Prices quoted are exclusive of federal, state and local excise, sales, and use taxes. This quotation remains firm for 90 days. Some of the items in this quotation include *technology controlled by the US Government that requires approval and licensing through FLIR Systems prior to export.*

Chief Vergis, FLIR Systems, Inc. has a proven track record in meeting the needs of organizations such as yours. Should you have any questions, please contact me or your sales rep David Cruz at 800-315-3547 or e-mail david.cruz@flir.com. FLIR Systems is ready to meet your airborne imaging needs now and in the future.

Best regards,

Lilly Morales
Inside Sales Manager
FLIR Systems Inc.

FLIR Systems Inc.
16 Esquire Road, N. Billerica, MA 01862 USA
http://www.flir.com

☎ 11 978 901 8000
☎ 11 978 901 8885

U L T R A 8 5 0 0™**High Performance Dual Imaging System Specification:****Platform:**

Stabilization:	2-Axis Gyro-stabilization in Azimuth, Elevation
Imager Field of Regard:	360° in Azimuth and Elevation
Gimbal Slow Rate:	0.03°/sec to 65°/sec in Azimuth
Operating Temperature Range:	-20° C to +55° C

Thermal Imaging Sensor:

Imaging Detector:	320 X 240 pixel two-dimensional Focal Plane Array (FPA) fabricated from Indium Antimonide (InSb) with integral, closed-cycle cryogenic cooler
Operating Wavelength:	3-5 Microns (Well-suited for high humidity & high temperature)
Resolution/IFOV	0.12 milliradians in narrow FOV
Telescope/Magnification:	10X Continuous Zoom with Auto Focus system
Focal Length:	25mm to 250mm
Maximum Fields of View	Narrow: 2.2° horizontal (h) x 1.65° vertical (v) Wide: 22° (h) x 16.50° (v):
Focusing Method:	Automatic & Manual (Operator Selectable)

Visible TV Imaging Sensor:

Pixel Arrangement:	768 x 494V (NTSC)
Resolution	more than 470 TV Lines
Telescope/Magnification:	18X Continuous Zoom with Auto Focus system
Electronic Zoom	4X Continuous with optical zoom (maximum magnification: 72X)
Daytime CCD Sensitivity	3.0 lux @f/1.4
Low Light CCD Sensitivity:	0.2 lux @f/1.4 without IR Cut Filter (Operator Selectable)
Fields of View (h x v)	2.7° x 2.2° (narrow) & 48° x 32° (wide)

Physical Dimensions:

Gimbal / Imager:	29 lbs	9" Dia x 13.5" High
Electronic Control Unit:	16 lbs	9.25" x 5.50" x 8.0"
Hand Control Unit:	1.7 lbs	6.50" x 4.50" x 3.5"

Delivery and Payment Terms: Delivery is 120-150 days ARO unless specified otherwise. Delivery of additional installation and cable kits is 150 days ARO. Early shipment is authorized. Shipping terms are FOB Origin. All pricing is in U.S. dollars. Payment terms are net 30 days from the date of shipment unless otherwise stated in writing by FLIR Systems, Inc. Payment obligation and warranty begins with the receipt of goods, irrespective of installation or in service dates. Please refer to the attached Terms and Conditions for further details.

Note: To better facilitate aircraft integration and customer needs, FLIR requires the ability to ship and invoice systems, cables and installation accessories separately. As a result, please list these items individually on your purchase order, as they are listed on this quotation. Also, please indicate that partial shipments are allowed.

Please address your Purchase Order directly to:

FLIR Systems, Inc.
16 Esquire Rd.
North Billerica, MA 01862
Or FAX (978)-901-8885
Attn: Lilly Morales

FLIR Systems Inc.
16 Esquire Road, N. Billerica, MA 01862 USA
http://www.flir.com

☎ +1 978 901 8000
☎ +1 978 901 8885



FLIR SYSTEMS, INC.

September 24, 2003

Chief Harry Vergis
Chicago Fire Department
Air Sea Rescue
3954 East Foreman Drive
Chicago, IL 60617

Dear Chief Vergis,

This letter is to clarify the nature of the thermal system you have inquired about. The FLIR Systems Inc., Ultra 8000/8500 series of imagers best suited for your Bell 412 and your mission. During the completion of your aircraft, a set of cables and wiring for a thermal imaging system was installed as part of the contract. The specification was for a FLIR Systems Inc., Ultra 7000 imager. However, as I understand, the actual thermal imager was never installed because of the cancellation of that portion of the completion contract. The cancellation occurred after the cables had been delivered to the completion center and the work had already been accomplished.

The cables and wiring installed on the aircraft are completely compatible with the Ultra 8000/8500 series imagers. Because of the proprietary nature of the cables and wiring, only imagers from FLIR Systems Inc. will function with your existing configuration.

The Ultra 8000/8500 series imagers have replaced your original specification for the Ultra 7000 system. The mounting and installation of the system remains the same because the size, weight and other physical characteristics have not significantly changed. The technology employed by the Ultra 8000/8500 series has improved since the Ultra 7000 resulting in an easier to use interface, larger and sharper infrared image and improved color camera capabilities. The Ultra 8000/8500 employs histogram equalization to maintain a clear infrared image over a wide thermal scene such as a fire on a cold day. By employing such technology, the operator will be able to clearly define objects in all levels of the thermal scene.

If you have any other questions or need additional information, please do not hesitate to contact me. I have enclosed my card for your convenience.

Sincerely,

David Cruz
FLIR Systems Inc.

The Forward Looking Infrared Company



FLIR SYSTEMS, INC.

January 9, 2004

Chief Harry Vergis
Chicago Fire Department
Air Sea Rescue
3954 E. Foreman Dr.
Chicago IL, 60617

FAX # 312-745-1575

Dear Chief Vergis,

Per your request I am submitting this letter stating that due to our location in Portland, OR the FLIR corporation will have no opportunity for direct or indirect MBE/WBE participation.

Sincerely,

A handwritten signature in cursive script that reads "David Cruz".

David Cruz
FLIR Systems Inc.

The Forward Looking Infrared Company

FLIR Systems, Inc. • 16505 SW 72nd Avenue • Portland, OR 97224 • USA
Telephone: +1(800) 322 3731 or +1(503) 684 3731 • Fax: +1(503) 684 3207
www.flir.com

CPAC PROJECT CHECKLIST

IMPORTANT: PLEASE READ AND FOLLOW THE INSTRUCTIONS FOR COMPLETING THE PROJECT CHECKLIST AND CONTACT THE APPROPRIATE TEAM LEADER IF YOU HAVE ANY FURTHER QUESTIONS. ALL INFORMATION SHOULD BE COMPLETED INCLUDING THE SUPPLEMENTAL CHECKLIST REQUIRED BY THE SPECIFIC CPAC TEAM. ATTACH ALL REQUIRED MATERIALS AND SUBMIT FOR HANDLING TO THE DEPARTMENT OF PROCUREMENT SERVICES, ROOM 403, CITY HALL, 121 N. LASALLE STREET, CHICAGO, ILLINOIS 60602.

PROJECT
 Date: March 11, 2004
 ID No (Spec, RX, Project): PMPS # 12476
 Department: Fire
 Bureau: Operations
 Contract No (if known): _____
 Project Title/Description: _____

Contact Person: Mike Palumbo
 Tel: 5-4146 Fax: 5-3700 E-mail: _____
 Project Manager: SAME
 Tel: _____ Fax: _____ E-mail: _____
 Estimated Value \$ 255,973.00

SCOPE STATEMENT

attached is a detailed scope of services and/or specification

IMPORTANT: THIS IS A CRITICAL PORTION OF YOUR SUBMITTAL. IN ORDER FOR A TEAM TO ACCEPT YOUR SUBMITTAL YOU MUST COMPLETE ALL TEAM SPECIFIC SCOPE REQUIREMENTS AS SET FORTH IN THE SUPPLEMENTAL CHECKLIST FOR THAT TEAM.

The following is a general description of what would be included in a Scope of Services or Specification:
 A clear description of all anticipated services and products, including: time frame for completion, special qualifications of prospective vendors, special requirements or needs of the project, locations, anticipated participating user departments, citation of any applicable City ordinance or state/federal regulation or statute.

TYPE OF PROCUREMENT REQUESTED (check all that apply)

Competitive Bid RFQ/RFP/RFS/RFI Sole Source** Term Agreement One Shot
 Mod/Amendment Time Extension Additional Funding Small Order S/O Emergency

FORMS

F-25* (add line item) F-10* (special approvals) SSRB** (sole source approval)
 F-26* (new term agreement) RX (one-shot requisition) OBM Authorization
 F-27* (time extension) APRF (all purpose request form)
 F-29* (change vendor limit)

** Sole source requests must include vendor quotes/proposal and MBE/WBE compliance requirements

FUNDING

City: Corporate Bond Enterprise Grant* Other _____
 State: IDOT/Transit IDOT/Highway Grant* Other _____
 Federal: FHWA FTA FAA Grant* Other _____
 Funding Strip(s): 446-59-2005-6082-0440-0100-55759111

* Attach copy of any applicable grant agreement terms and conditions

TIME FRAME

Date Needed: ASAP

Requested

Contract Term (y/m/d): ONE-SHOT

PRE BID/SUBMITTAL REQUIREMENTS

Requesting Pre Bid/Submittal Conference? Yes No Requesting Conference be Mandatory? Yes No
 Requesting Site Visit? Yes No Requesting Site Visit be Mandatory? Yes No

CPAC PROJECT CHECKLIST

ARCHITECTURAL/ENGINEERING SUPPLEMENTAL CHECKLIST

Required Attachments: Scope of Services, including location, description of project, services required, deliverables, and other information as required

Risk Management

Will services be performed within 50 feet of CTA train or other railroad property? Yes No

Will services be performed on or near a waterway? Yes No

Pre-Qualification Category No. _____ Category Description: _____

For Pre-Qualification Program, attach list of suggested firms to be solicited

Other Agency Concurrence Required: None State Federal Other (fill in) _____

AVIATION CONSTRUCTION SUPPLEMENTAL CHECKLIST

DOA sign-off for final design documents: Yes No

Required Attachments:

Copy of Draft Contract Documents and Detailed Specifications.

Risk Management:

Current Insurance Requirements prepared/approved by Risk Management: Yes No

Will work be performed within 50 feet of CTA or ATS structure or property? Yes No

Will work be performed airside? Yes No

CAPITAL EQUIPMENT (VEHICLES) SUPPLEMENTAL CHECKLIST

Required Attachments:

Detailed Specifications including detailed description of the vehicle(s) or equipment, mounted equipment, if

any, and options/accessories.

Special Provisions (Delivery, Warranty, Manuals, Training, Additional Unit Purchase Options, Bid Submittal Information, etc.)

Delivery Location(s)

Technical Literature

Drawings, if any

Part Number List (Manufacturer; or Dealer; or Other Source: _____)

Copy of current Price List(s)/Catalog(s)

Form F-10 or other authorization document

Any other exhibits and attachments

COMMODITIES SUPPLEMENTAL CHECKLIST

Required attachments:

Copies of price lists, catalogs, drawings, variations of part numbers

Any other exhibits or attachments

CONSTRUCTION SUPPLEMENTAL CHECKLIST (LARGE & SMALL)

Required attachments: Copy of Draft (80% Completion)

Copy of Draft (80% Completion) Contract Documents and Detailed Specifications

Risk Management

Will services be performed within 50 feet of CTA train or other railroad property? Yes No

Will services be performed on or near a waterway? Yes No

CPAC PROJECT CHECKLIST

DELEGATE AGENCY SUPPLEMENTAL CHECKLIST

Required attachments:

Attach Scope of Services that includes the following information 1) Program background & objectives; 2) Type of services for which proposals are sought; 3) Location and time line for delivery of services; 4) Qualifications, skills, and/or experience necessary; 5) Special licenses or certifications required; 6) Evaluation process (if known).

Other Attachments (please submit all that apply)

1. Copy of grant application and/or grant agreement
2. Evidence of award authority (DAAC agenda with agency name highlighted; City Council ordinance with agency name highlighted; or OBM letter)
3. Modification information (Copy of Form F-8A; screen print of EPS AWDS table)

Does program require Executive Order 91-1 clearance? Yes No

Is boilerplate from Law available or in production? Yes No

Would your department benefit from technical assistance? Yes No

HARDWARE/SOFTWARE SUPPLEMENTAL CHECKLIST

ITSC (approved by BIS)

OBM (approved by Budget form/memo)

Attach any documentation indicating any previous purchase activity to assist in the procurement process

Grant document attached

PROFESSIONAL SERVICES SUPPLEMENTAL CHECKLIST

Detailed scope of services as described on page 1.

The Schedule of Compensation

Deliverables

Request for individual contract services (if applicable)

The appropriate EPS form

*** If this is a Telecommunications/Utilities project, please also address the following:**

Has the project been reviewed by DGS? Yes No

Attach copy of DGS Recommendation; Reservation(s); or participate under current contract.

Does the project include software? Yes No

If yes, is signed ITSC form attached? Yes No

Does the location involve:

CPAC PROJECT CHECKLIST

A public way? Yes No

Any concession in the City's facilities? Yes No

Is it anticipated City Council approval of the project or contract will be required? Yes No

SMALL ORDERS SUPPLEMENTAL CHECKLIST

- | | | |
|--------------------------|--------------------------|---|
| Yes | No | |
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Special Approval Form/Justification Letter.
e.g. (Emergency Contract, Telecommunication Back-up documents, Proposals, EPS Form F-10, etc.,) |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Suggested Vendor. |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Commodity Code, Manufacturer, Catalog Information, Model No., Quantity, Unit Cost/Measure, Color etc., |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Detailed Specification or Scope of Work. |

ATTACHMENT REQUIRED FOR EACH SMALL ORDERS PROCUREMENT TYPE

(Check Appropriate Group)

- | | |
|---|--|
| <p>1. ONE SHOT (PN)</p> <p>YES () NO () Detailed Specifications
 YES () NO () Suggested Vendor
 YES () NO () Support Documentation</p> | <p>3. EMERGENCY CONTRACT</p> <p>YES () NO () Justification Letter
 YES () NO () Vendor Proposal
 YES () NO () Pre-assigned Requisition (RX)</p> |
| <p>2. SOLE SOURCE REQUIREMENTS</p> <p>YES () NO () Vendor Proposal
 YES () NO () Disclosure Affidavit
 YES () NO () Letter of Exclusive or Unique Capability
 YES () NO () Support Documentation from Vendor/Manufacturer.
 YES () NO () Signature(s) of Originator or Departmental Head/Designee.</p> | <p>4. TELEPHONE/FAX BIDS</p> <p>YES () NO () Justification Letter</p> |

WORK SERVICES/FACILITY MAINTENANCE SUPPLEMENTAL CHECKLIST

Required Attachments: Detailed Specifications (Scope of Services) including detailed description of the work, locations (with supporting detail), user department contacts, work hours/days, laborer/supervisor mix, compensation and price escalation considerations, contract term and extension options, contractor qualifications, citation of any applicable City/State/Federal statutes or regulations, citation of any applicable technical standards and price lists, catalogs, technical drawings and other exhibits and attachments as appropriate.

Risk Management

- | | |
|---|--|
| Will services be performed within 50 feet of CTA train or other railroad property? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Will services be performed on or near a waterway? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Will services require the handling of hazardous/biowaste material? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Will services require the blocking of streets or sidewalks in any way?
Which may affect public safety? | <input type="checkbox"/> Yes <input type="checkbox"/> No |

MEMORANDUM

March 11, 2004

Eric J. Griggs
Acting Chief Procurement Officer
Department of Procurement Services
City Hall Room 403

ATTN: **STEVEN GEOCARIS,**
MANAGING DEPUTY PROCUREMENT OFFICER

SUBJECT: **CPAC CHECKLIST FOR**
FMPS NUMBER 12476
SPECIFICATION NUMBER 21561
PURCHASE AND INSTALLATION OF FLIR SYSTEM

04 MAR 18 PM 3:26



City of Chicago
Richard M. Daley, Mayor

Chicago Fire Department

James T. Joyce
Commissioner

14th Floor
10 West 35th Street
Chicago, Illinois 60616-3799
(312) 745-3705

<http://www.cityofchicago.org/fire>

In 2001 the Fire Department purchased a new rescue helicopter. At that time, one of the rescue devices to be part of this helicopter was a device known as a FLIR system. This is a thermal imaging camera device that would enable our responders to detect people in distress by thermal images, which is invaluable for night rescues. This camera would also be valuable to other departments, including the Police Department, for applications related to suspect apprehension. Due to budgetary constraints, the installation of this system had to be deferred, although the wiring and other components for installation are present and installation ready.

In the most recent approval of Equipment Note funding the resources to install this device was restored. At this time we would like to proceed with the purchase and installation of this device. To that end attached, please find:

- 1) One original CPAC Project Checklist.
- 2) One original Justification For Non-Competitive Procurement.
- 3) One copy of Purchase Requisition for FPMS Number 12476.
- 4) One copy of the quote form this vendor and related information.
- 5) One request for a waiver of this MBE/WBE requirements. Due to the nature of this project and the location of the vendor, Non-Statd Goals language is requested.



Recently, there was a ferry accident in Baltimore, Maryland. A FLIR System device was instrumental in the rescue operations during this incident. As the boating season looms, we request that this one-time purchase be processed as expeditiously as possible.

Respectfully,



Michael P. Palumbo
Contracts Coordinator

Approved: 
Tanja Ancrum
Director

cc: James A. Connolly, Jr., Deputy Commissioner
Harry Vergis, Commander
File