



## PROCUREMENT HISTORY

1) Our current robot is 10 years old. Technology is now available that provides a wider range of flexibility in terms of movement, surveillance, manipulation of objects, and adaption to tools needed to respond in the current environment. The limitations of the current robot include: unable to travel over anything higher than a curb; can not climb stairs; unable to view anything higher than 4 feet; no camera extension ability; moves very slowly, especially on inclines; remote control operation is limited due to weak frequency (must be line of sight); does not have fiber optic ability; limited range of flexibility for arm movements; battery life is 20 minutes with lights and camera; charging is complex and if not followed exactly the battery can be damaged; adaption of EOD tools is cumbersome and complicated.

2) None. No other robot has this technology.

3) See #6

4) DNA

5) The following major cities have purchased the Andros Robot:

City:	Number purchased:
New York	(3)
Los Angeles	(3)
Philadelphia	(2)
Boston	(1)
Miami	(1)

There are over 1300 Andros robots in service throughout the United States.

6) Future purchases may be possible pending available funds. One of the benefits of this platform is that it is designed to adapt to new technological developments

7) Future competitive bidding would be possible if other manufacturers develop a robot with the same features.

ESTIMATED COST

- 1     \$133,607.00
- 2     See #1
- 3     See Quote Attached
- 4     DNA
- 5     The police department deems the price reasonable given the technology involved and the functionality of the equipment.

## SCHEDULE REQUIREMENTS

- 1 The expiration of the Urban Areas Security Initiative grant was known on October 14, 2004 when the grant was approved and forwarded to the Bomb and Arson Section.
- 2 DNA
- 3 The current quote is valid until ~~XXXX~~<sup>APRIL 28</sup>, 2005. The Bomb Squad has been awarded an Urban Areas Security Initiatives Grant from the US Department of Homeland Security which will reimburse the city for the entire amount quoted. However, this grant expires on May 31, 2005. This contract must be completed, the robot delivered, and an invoice received by 31 May 2005. Remotec estimates delivery eight months after the order is placed due to a large military order that takes precedence per federal law. Delays caused by competitive bidding puts citizens, first responders and explosives technicians at risk.
- 4 This can not be competitively bid.

## EXCLUSIVE OR UNIQUE CAPABILITIES

1 DNA

2 DNA

3 DNA

4 DNA

5 DNA

6 The intended use of this robot is to perform remote operations on Improvised Explosive Devices. The Remotec uses a patented articulated track design which allows it to maneuver over a wide range of terrains and environments. The robot is capable of climbing stairs up to a 45 degree angle and traversing an 18 inch wall. This capability gives the robot far greater access to IED'S which may be placed in hard to reach areas. This platform provides the most reliable method for adaption to the tools used in render safe procedures: video and audio, x-ray, rigging and disruption. All F.B.I. Certified Explosives Technicians in the United States receive their initial and advanced training exclusively using Remotec robots at the U. S. Army Missile and Munitions School, Hazardous Devices Course at Redstone Arsenal, Alabama. The Remotec robot is utilized by the F.B.I. and Cook County Bomb Squads. These are the primary squads with which we conduct joint operations. The purchase of this robot will allow our squads to operate in a more effective manner when conducting joint operations. This robot is designed to accept new technology without extensive retrofitting.

7 No

8 Remotec is the only authorized distributor of the Andros F6A Robot.

OTHER

- 1 UASI grant language attached.
- 2 Non stated goals language required.

## SCOPE OF SERVICE

Model Needed: Model F6A, a mid range robot under 18" wide, 48" high and 52" long with an articulated track design capable of climbing 45 degree stairs and surmounting an 18" ledge. The robot should have the capacity to lift 25 pounds at full extension and 60 pounds at 18" reach. It should be equipped with drive, surveillance and arm cameras. It should be capable of firing multiple PAN Disrupters and operating X-ray equipment. It should have remote and fiber optic controls.

Training: On site training is required for 18 Explosives Technicians. This will require 24 hours of on site training.

Warranty: One year warranty is required.

**Remotec**

REV: N

<p align="center"><b>REMOTEC, INC. BUDGETARY ESTIMATE - DOMESTIC</b></p> <p>FROM: REMOTEC, Inc.                  353 JD Yarnell Industrial Parkway                  Clinton, TN 37716                  Attn: Vito Gambino                  Phone: (865) 483-0228 x200                  Fax: (865) 483-1426</p> <p>TO: Michael Palumbo                  3510 South Michigan Ave.                  Room 3061 NE                  Chicago, IL 60653                  312-745-5794  <a href="mailto:michael.palumbo@chicagopolice.org">michael.palumbo@chicagopolice.org</a></p> <p align="center"><b>PAGE 1 OF 3</b></p>	<p>REMOTEC Reference No: 4035-4</p> <p>Date: 1/28/2005</p> <p>Terms: Net 60 Days</p> <p>Prices are F.O.B. Clinton, TN 37716</p> <p>Delivery: To be Determined                  After Acceptance of Order  <b>(For Multi-Vehicle Orders                  Check With Sales Dept.)</b></p> <p>This pricing is valid for 90 days.</p>
---	---

ITEM	DESCRIPTION	PART NO.	QTY.	UNIT PRICE	TOTAL PRICE
1	ANDROS F6A Vehicle Assembly: -Double-Articulated, Tracked Chassis -Manipulator Arm with Shoulder and Elbow Pivot -Manipulator Shoulder Rotate (±90°) Assembly -Wrist Pitch with 8 in. Grip Extend and Dual Accessory Interface -8 in. Gripper with Continuous Wrist Rotate -Color Arm Camera with Auto Iris/Focus, Wide-Angle Lens and Light -Surveillance Color Camera with Light, 216:1 Zoom Lens and Pan/Tilt (Continuous Pan) -Vertical Surveillance Camera Extend Assembly (24 in.) -Black/White Drive Camera Assembly -Picture-in-Picture -Two Low-Light Lenses -24 Volt Battery Pack -24 VDC Battery Charger -1/4 Turn Connectors -Seven Firing Circuits -Tool Kit -Pneumatic Wheel Kit -One Operation/Maintenance Manual (CD-ROM) -2 1/2 Days Operator/Maintenance Training at REMOTEC (maximum class size is 6 people) See Note (2)	E2455-0100*	1	\$ 86,070	\$ 86,070.00
1A	24 VDC Battery Charger Assembly (Included in Item 1)	B2450-0150-X	1	\$ -	



**Remotec**

REV: N

<b>CONTROL SYSTEM OPTIONS</b>					
<i>(The Tabletop Controller and One of Either Items 4, 7, or 8 must be chosen to make the ANDROS F6A functional)</i>					
2	ANDROS Tabletop Controller Assembly: -Dimensions: 18 in. Deep X 22 in. Wide X 10 in. High -Powder Coated, Weather Resistant Enclosure -Detachable Switchbox -15 in. Self-Compensating, Daylight Readable LCD Monitor -AC/DC Operation -12 VDC Battery and Charger	E2455-8450	1	\$ 9,750	\$ 9,750.00
<b>One Battery Charger and Power Cord Are Included in Item 2 - Select Power Requirement</b>					
2A	240 VAC Power Cord Assembly	B3850-8136-X		\$ -	
2B	240 VAC Battery Charger Assembly	B3850-0155-X		\$ -	
2C	120 VAC Battery Charger (For Tabletop Control)	CHGR-019	1	\$ -	
2D	120 VAC Power Cord Assembly	B3850-8132	1	\$ -	
<b>DATA LINK OPTIONS</b>					
3	ANDROS Hand Controller Assembly	D7055-8490		\$ 1,050	\$ -
4	Fiber Optic Cable Reel Assembly (1200 ft.) (Includes CASE-004)	C7055-8330*	1	\$ 14,900	\$ 14,900.00
5	Foot Switch Assembly (Fiber Take-Up)	B2450-8337		\$ 455	\$ -
6	Spare Spool of Fiber Optic Cable	D7050-8323	1	\$ 1,015	\$ 1,015.00
7	Cable Reel Assembly (330 ft.)	E7055-8600	1	\$ 3,650	\$ 3,650.00
8	Radio Control Assembly (5 Watt System) (Includes CASE-004)	C2455-8440-XXX		\$ 23,664	\$ -
9	Radio Jumper Assembly (30 ft.)	B7055-8920		\$ 692	\$ -
10	Radio Jumper Box Assembly (requires Cable Reel - Item 7)	E7055-8280		\$ 1,400	\$ -
11	120 VAC Vehicle Power Supply Assembly (requires Cable Reel - Item 7)	D2450-1850-1		\$ 2,100	\$ -
12	240 VAC Vehicle Power Supply Assembly (requires Cable Reel - Item 7)	D2450-1850-2		\$ 2,100	\$ -
13	RADIO, VEHICLE/CONSOLE, NLR	C2455-8441-001		\$ 23,664	\$ -
<b>AUDIO/VIDEO OPTIONS</b>					
14	Camera Pan/Tilt Assembly (Can Be Used On Arm)	C2450-5030*	1	\$ 4,455	\$ 4,455.00
15	Camera Sighting Kit Assembly	C7055-5140	1	\$ 815	\$ 815.00
16	Camera Mount Assembly	C2400-1265		\$ 580	\$ -
17	Laser Assembly	C7055-5170	2	\$ 599	\$ 1,198.00
18	Laser Filter Assembly	C7055-3830		\$ 543	\$ -
19	High Intensity Light Assembly	D7055-6015		\$ 1,150	\$ -
20	Headset Assy.	B3850-8496		\$ 2,100	\$ -
<b>SENSORS</b>					
21	APD2000/MULTIRAE Detector Mounting Kit	B7055-6080		\$ 1,500	\$ -
22	X-Ray Assembly (fits Golden X-Ray Systems)	E7050-5800	1	\$ 2,150	\$ 2,150.00
23	Real-Time X-Ray Assembly (fits FoxRay VCU 10 only)	D2450-5900		\$ 3,605	\$ -
24	Contamination Smear Assembly	C7045-7600		\$ 1,400	\$ -
<b>TOOLS</b>					
25	Pan Disrupter Mount Assembly	D2450-5360		\$ 1,350	\$ -
26	Dual Pan Disrupter Mount Assembly	D2450-5350	1	\$ 1,550	\$ 1,550.00

**Remotec**

REV: N

27	Dual Disrupter Mount Assembly (for Royal Arms or Neutrex 29mm/20mm - Please Specify)	D2450-5250		\$ 2,195	\$ -
28	Shock Tube Initiator, One Channel	INIT-1CH-S		\$ 822	\$ -
29	Shock Tube Initiator, Two Channel	INIT-2CH-S	1	\$ 1,470	\$ 1,470.00
30	Shock Tube Initiator, Four Channel	INIT-4CH-S		\$ 2,671	\$ -
31	Shock Tube Initiator, Six Channel	INIT-6CH-S		\$ 3,313	\$ -
32	Charge Dropper Assembly (330 ft.)	C7055-5550		\$ 750	\$ -
33	Gas Dispenser Mount Assembly	E7055-6030		\$ 995	\$ -
34	SL6 Mount Assembly (will also hold SL8)	E7055-6000		\$ 2,616	\$ -
35	Striker Mount Assembly	E7055-6010		\$ 2,590	\$ -
36	Striker 12 Shotgun	STRIKER12		\$ 1,050	\$ -
37	Window Breaker Assembly	B7045-5850		\$ 300	\$ -
38	Claw Assembly	C7045-2720	1	\$ 850	\$ 850.00
39	Cable Cutter Assembly	C7040-7030		\$ 417	\$ -
40	Boot Banger Assembly	C7040-7050		\$ 286	\$ -
41	Cordless Circular Saw Assembly	D7040-7070		\$ 1,691	\$ -
42	Reciprocating Saw Assembly	D7040-7080		\$ 1,539	\$ -
43	Cordless Drill Assembly	D7040-7040		\$ 766	\$ -
44	J-Rod Mount Assembly (6)	E7055-7000		\$ 5,238	\$ -
<b>MAINTENANCE</b>					
45	Spare Vehicle Battery Assembly	D2450-1600	1	\$ 604	\$ 604.00
46	Spare Controller Battery	BATTERY-009		\$ 154	\$ -
47	Emergency Spare Parts Kit	B2455-0164*		\$ 8,779	\$ -
48	F6A Chassis Service Kit	B2450-0153		\$ 487	\$ -
49	F6A Overhaul Kit	C2450-0158		\$ 8,485	\$ -
50	One-Year Extended Service Contract	MAINTENANCE-001		\$ 5,500	\$ -
<b>MISCELLANEOUS</b>					
51	Packaging in Reusable Shipping Crate	CRATE-002	1	\$ 700	\$ 700.00
52	Additional Operations & Maintenance Manual	OM-F6A-001		\$ 150	\$ -
53	On-Site Training	TRAINING-001	1	\$ 4,030	\$ 4,030.00
	Subtotal				\$ 133,207.00
	Subtotal (Total From Misc. Items) (See attachment if greater than 0)				\$ -
	Shipping & Handling Charges				\$ 400.00
	<b>TOTAL COST</b>				<b>\$ 133,607.00</b>

Customer Pick Up  Yes  No

**\* Assemblies Will be Painted if Paint Option is Selected**

- (1) Prices listed are for sales in U.S.A. only. Export prices are available upon request.
- (2) Additional pricing available upon request for off-site training at customer's facility.
- (3) Please see REMOTEC's terms and conditions for details on our 1 year limited warranty. Extended Service contracts are available.
- (4) Prices are based upon acceptance of REMOTEC's Terms and Conditions (attached). Any deviation from these conditions may result in a price increase.
- (5) The prices contained herein are budgetary, are submitted for planning purposes only and are not to be construed as a firm quotation. Any resultant contract shall be contingent upon negotiation of mutually acceptable terms and conditions.
- (6) For Military Use Only

**NOTE: "Acceptance of order may be delayed while negotiating terms and conditions, acquiring customer order details, acquiring radio frequencies, and resolving any other unforeseen issues which may require resolution prior to scheduling the production of items ordered. If radio frequencies are not supplied by**

**Remotec**

REV: N

---

customer at time of order, REMOTEC is expressly authorized to ship and invoice order less the Radio Control Assembly. The Radio Control Assembly will be shipped and invoiced upon completion."

# REMOTEC<sup>®</sup>

A Subsidiary of Northrop Grumman

November 8, 2004

Mike Gerhardstein  
Chicago Police Department  
3340 W. Fillmore Street  
Chicago, IL 60624

Dear Mr. Gerhardstein:

This letter is to inform you that REMOTEC, Inc., the World Leader in EOD robots, is the sole manufacturer and distributor of the ANDROS line of hazardous duty mobile robots. REMOTEC's ANDROS F6A robot is one of the most popular units with Police Departments, Fire Departments, SWAT teams, HazMat teams and government agencies in the United States and throughout the world. The ANDROS F6A is used by the FBI Hazardous Devices School in the Robot Course and Basic Course of instruction. Some of the benefits and features of the ANDROS F6A include the following:

1. REMOTEC is the leading supplier of EOD (Explosive Ordnance Disposal) robots for the United States military, Central Intelligence Agency, Federal Bureau of Investigation Bomb Data Center and the United States Secret Service White House Security.
2. REMOTEC has over 1300 robots currently in use including 400 ANDROS Mark VI-A/F6A robots.
3. The dual articulating track design of the ANDROS F6A allows the operator to lengthen or shorten the robot to operate in confined spaces. The ANDROS F6A is the only unit of its size and type that has this capability. The track design is patented under U.S. Patent Nos. 4,932,831 and 5,022,812.
4. REMOTEC robots are manufactured in Oak Ridge, Tennessee. All parts and service support are provided from this location, which allows the capability to provide most replacement parts within a 24 hour time period.
5. REMOTEC provides after hour and weekend service for those customers who may have a question and / or may need other forms of assistance.
6. REMOTEC robots are environmentally sealed and can function in all climates. All Remotec robots may be decontaminated using detergent and water pressures less than 100 PSI.
7. The REMOTEC ANDROS F6A is capable of climbing 45°, forward and backward.
8. The dual articulating track design of the ANDROS F6A allows the vehicle to climb over 18-inch obstacles and 24-inch wide ditches.

# REMOTEC

A Subsidiary of Northrop Grumman

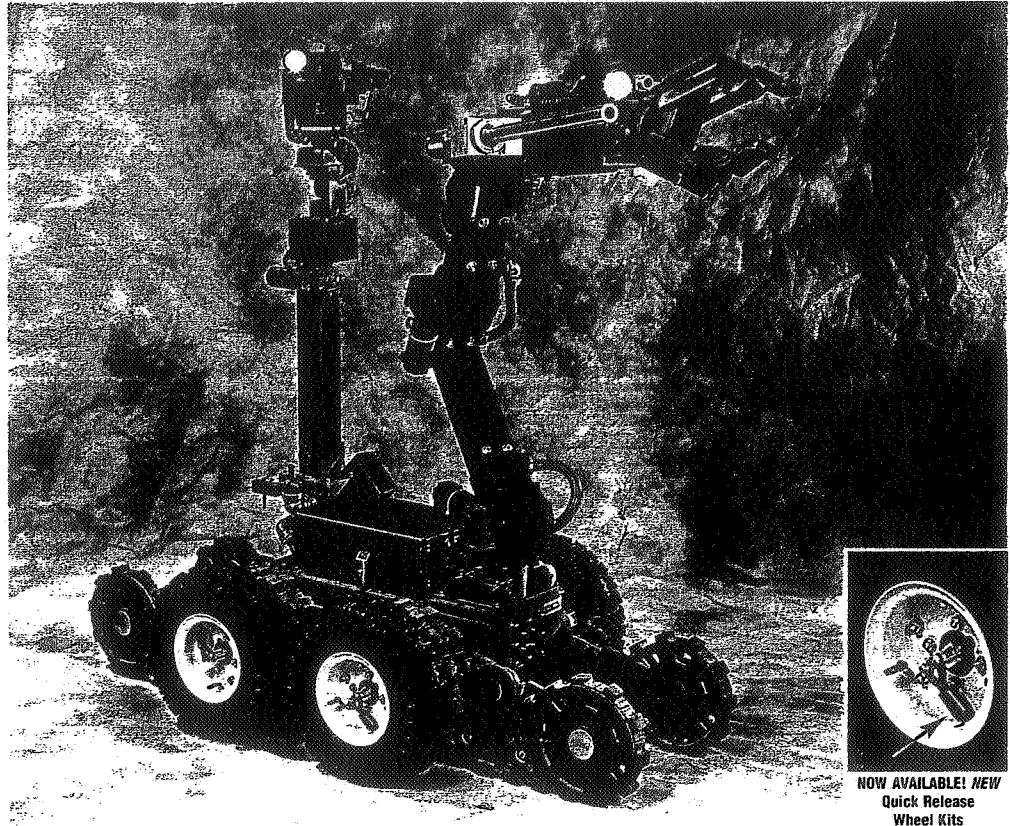
9. The ANDROS F6A can climb the roll out steps on commercial airplanes. It can also traverse down the aircraft aisle and reach into overhead compartments and across seats to retrieve suspect packages.
10. The ANDROS F6A vehicle can be operated in DC or AC operational mode for extended run time for such applications as hostage negotiations or negotiating with a barricaded suspect.
11. The ANDROS F6A comes standard with a two-way audio system. This system can be utilized for hostage negotiation or other remote forms of communication.
12. The ANDROS F6A is the only vehicle in its size class that can mount and fire the JROD from the robot arm. The JROD is the most widely used among EOD teams within the United States Military.
13. The ANDROS F6A comes with three cameras, a pan and tilt color surveillance camera with 216:1 zoom and night vision capabilities and 360-degree rotation, a fixed color 216:1 zoom arm camera, and a black and white drive camera. The system can be upgraded to a total of four cameras. There is an optional pan and tilt with 216:1 zoom and night vision capabilities, 360-degree rotation color arm camera.
14. The ANDROS F6A can be utilized for a Weapons of Mass Destruction (WMD) scenario and can be outfitted with multiple chemical and radiation sensors.
15. All REMOTEC products are built to ISO-9001 quality control standards.
16. REMOTEC is the only company that offers remote chemical agent and radiation monitoring displaying the results back through the robot data link. Detection modes are changed remotely from the switchbox that controls the robot.
17. The ANDROS F6A can pull a minimum of a 175 lb. downed individual.
18. The ANDROS F6A can pull a 2 ½" charged fire hose a minimum of 100' and direct the spray as required.
19. The ANDROS F6A robot can mount up to four PAN Disrupters on the arm at one time.

Please contact me at REMOTEC if I can provide any additional information on the ANDROS F6A and its capabilities.

Sincerely,

*Kathy Keech for Vito Gambino*

Vito Gambino  
Sales Manager  
Remotec

**ANDROS F6A  
HAZARDOUS-DUTY MOBILE ROBOT**

**NOW AVAILABLE! NEW  
Quick Release  
Wheel Kits**

The ANDROS F6a is a compact version of the ANDROS Mark V-A1. The F6A has many new unique design features which make it one of the most versatile hazardous duty robots in the ANDROS family.

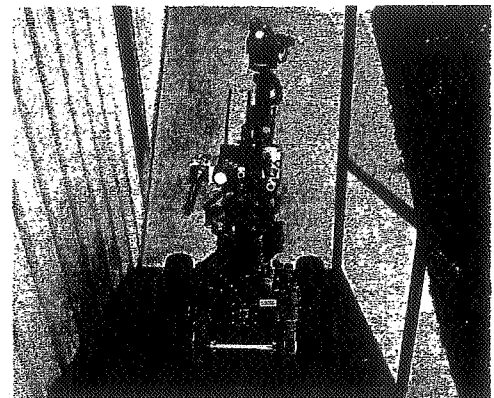
The most unique feature of the F6A is its higher speed capability. This enables operators to handle missions more efficiently. The narrow width of the F6A also makes it the perfect platform for operation in confined spaces such as aircraft. As with all the ANDROS systems, the F6A utilizes the patented articulating track design to cross obstacles and navigate through the roughest terrain. The F6A can be outfitted with a variety of optional equipment to meet your specific applications.

- All terrain – climbs stairs
- Reliable, affordable
- Environmentally sealed
- Tether, fiber optic, or wireless control
- Various configurations
- ISO-9002 certified

- Sales/turnkey service
- Over 700 ANDROS units in service

**Uses Include:**

- Explosives handling
- Nuclear surveillance/maintenance
- HazMat/WMD response
- SWAT operations
- Airport security



## ANDROS F6A HAZARDOUS-DUTY MOBILE ROBOT

### FEATURES/SPECIFICATIONS\*

#### ROBOT FEATURES – STANDARD

- **SIZE:** 17.5 in. (44.5 cm) wide x 44 in. (112 cm) high x 52 in. (132 cm) long
- **WEIGHT:** 350 lbs. (159 kg) standard unit
- **SPEED:** Variable 0-3.5 mph (0 to 5.6 kph)
- **CLIMBING ABILITY:** 45° stairs, 45° slopes, 18 in. (46 cm) high ledge, and 18 in. (46 cm) wide ditch
- **SURFACES:** Operates on wet or dry surfaces
- **ENVIRONMENTAL:** Weather resistant
- Video display of vehicle battery voltage and hour meter
- **VEHICLE POWER:** Two 30 amp-hr, 12VDC gel cell batteries on vehicle

#### ROBOT ACCESSORIES – OPTIONAL

- Protective paint
- Quick release wheel kit

#### MANIPULATOR SYSTEM – STANDARD

- Shoulder pivot (210°), elbow pivot (210°), continuous gripper rotate with 12 in. (31cm) full open, individual switches for each joint with variable speed control
- **CAPACITY:** 25 lbs. (11 kg) at full extension and 60 lbs. (27 kg.) at 18 in. (46 cm) reach
- **REACH:** 48 in. (122 cm) horizontal and 84 in. (213 cm) above floor
- **WEAPONS/TOOLS:** Quick tool change assembly, includes two circuits

#### MANIPULATOR SYSTEM – OPTIONAL

- Shoulder rotation ( $\pm 90^\circ$  from center)
- Wrist pitch with 8 in. (20 cm) grip extend. Extends horizontal and vertical reach by 19" (48 cm).
- Double pincers for gripper

#### VIDEO SYSTEM – STANDARD

- Three low-light CCD cameras
- **LIGHTS:** Variable-intensity light attached to surveillance and arm cameras
- **ARM CAMERA:** Color, fixed-position mounted on upper arm with manual tilt adjustment, wide-angle lens and auto iris
- **SURVEILLANCE CAMERA:** Mounted on pan ( $\pm 170^\circ$ ) and tilt ( $\pm 90^\circ$ ) mechanism. Color CCD with remote zoom (6:1), focus and iris
- **DRIVE CAMERA:** Black/white, fixed position mount on chassis

#### VIDEO SYSTEM – OPTIONAL

- Motorized surveillance camera extender
- Night vision kit
- Head mounted video display
- Picture-in-picture

#### AUDIO SYSTEM – STANDARD

- **MICROPHONE:** Omni-directional microphone
- **SPEAKER:** All-weather speaker on vehicle
- **AUDIO:** Two-way audio with adjustable volume

#### CONTROL STATION

- **BRIEFCASE:** All controls mounted in briefcase for increased portability

**NOTE:** Control station can be used with optional radio control, fiber optic cable reel or portable cable reel. Control station includes: 12 VDC battery, 12 VDC battery charger, ability to operate on AC power, and 110/220 VAC.

#### SWAT OPTIONS

- Shotgun – 12 Gauge
- Laser or video sighting
- Window breaker
- Gas dispenser mount
- SL6 37mm mount
- Street Sweeper mount
- High intensity light assembly

#### EOD OPTIONS

- Water disrupter mount
- Laser or video sighting
- X-ray mount assembly (real-time or still photo)
- Charge dropper assembly

#### WMD OPTIONS

- Smear sampler
- Radiation detector
- Chemical detector

#### WARRANTY

- All REMOTEC products have a one-year warranty.
- Extended maintenance contracts available.

Additional Options Available – Speak with your representative

\*Specifications are subject to change without notice

*For More Information, please contact:*

REMOTEC, Inc.

A Subsidiary of Northrop Grumman

114 Union Valley Road

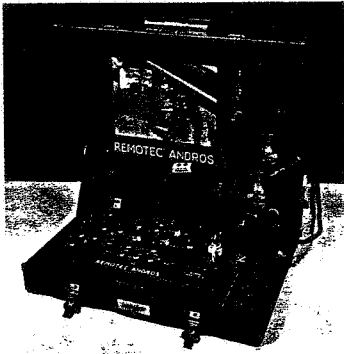
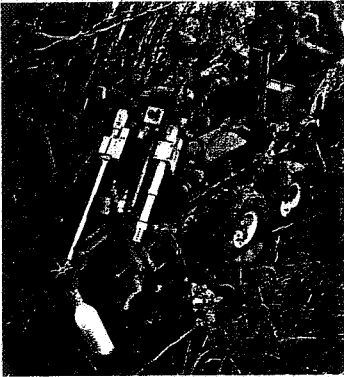
Oak Ridge, TN 37830

Phone: (865) 483-0228

Fax: (865) 483-1426

Web Site: [www.remotec-andros.com](http://www.remotec-andros.com)

E-mail: [info@remotec-andros.com](mailto:info@remotec-andros.com)



## **Urban Areas Security Initiative Grant Program Chicago Police Department**

The Urban Areas Security Initiative (UASI) grant program is a federally funded initiative intended to address the unique equipment, training, planning, and exercise needs of large, high-threat urban areas. The program awards federal grants to help cities build a sustainable infrastructure to prevent, respond to, and recover from acts of terrorism.

As the implementing agency for UASI funding, OEMC has established a procedure for procurement and record retention under this grant. The policies set forth in this document will allow the City of Chicago to remain in compliance with federal grants management guidelines. This document does not represent the totality of federal and state grant guidelines. It is meant as a guide for the most traditional grant appropriations. OEMC will inform your agency, in writing, of any additional grant requirements you will need to follow. Our federal guidelines require us to notify you that non-adherence to any of the policies set forth here may result in suspension/termination of funding and/or the repayment of grant funds by your agency to the federal government.

Your portion of the UASI funding has been allocated for a specific purpose. You must use your grant allocation for this purpose only. Any use of the funds for any other purpose may result in suspension or termination of funding and the repayment of grant funds to the federal government by your agency. If you wish to change that purpose, you must contact the Director of Grants Management for the OEMC no later than October 31, 2004.

The funding your agency has access to has been allocated from three separate UASI grant awards. The following is a listing of your authorized expenditures along with the description of the item provided to the US Department of Homeland Security. Please note that each of these awards have an expiration date attached to it:

### ***UASI FY2003 – Part I (Expiration: May 31, 2005)***

#### **Bomb and Arson Division: Hazardous-Duty Robot & Explosive Ordinance Disposal Equipment**

The City of Chicago Police Department's Bomb and Arson Division is a critical component of any CBRNE mitigation and response efforts in the City of Chicago. Explosive devices, traditional and improvised, have become an enormous threat to the safety of first responders and citizens at large. The Chicago Police Department's Bomb and Arson Division is in need of a new array of tools to fight this rapidly increasing form of domestic terrorism.

#### ***ANDROS F6A Hazardous-Duty Mobile Robot***

The first step in updating the Bomb and Arson Division is the acquisition of an ANDROS F6A Hazardous-Duty Mobile Robot. This robot will assist the Bomb and Arson Division's disposal technicians with the dangerous tasks of inspecting and disarming a suspected explosive device. The Mobile Robot will act as the eyes, ears and hands of a



bomb technician, drastically reducing the danger to the technician and other persons who would otherwise be in direct threat from an explosion.

Specifications on the ANDROS F6A will include:

- ♦ Ability to climb stairs
- ♦ Ability to cross obstacles and ditches
- ♦ Operation in sand, gravel, mud or grass
- ♦ Articulated chassis
- ♦ Pan/Tilt/Zoom camera
- ♦ MULTIRAE Detector
- ♦ 1200 ft. fiber optic cable reel assembly

The cost of the ANDROS F6A Hazardous-Duty Mobile Robot, as well as the appropriate training for the Bomb and Arson Division, is estimated at \$133,607.

#### *ITI's Non-Conductive Videoscope*

A non-conductive videoscope is needed to aid the Bomb and Arson Division in locating an explosive device and to assist assessing the nature of the device.

Specifications on the ITI Non-Conductive Videoscope System will include:

- ♦ 8mm diameter, 2 meter length probe
- ♦ +/- 120° four-way articulation
- ♦ Blue light source
- ♦ White light source
- ♦ Infrared light source
- ♦ Zoom and freeze frame
- ♦ 10" LCD monitor
- ♦ 4" LCD monitor with digital recording and USB interface

The cost of the videoscope for the Bomb and Arson Division is estimated at \$23,000.

#### *Explosive Ordinance Disposal Tools and Equipment*

The Bomb and Arson Division is in need of additional tools and equipment to support their explosive remediation efforts. These tools and equipment include:

- ♦ Hydra-Jet Disrupter, 32 oz.
- ♦ Hydra-Jet Disrupter, 64 oz.
- ♦ Axially Aligned Laser Designators
- ♦ Magic Cube Opening Charge
- ♦ Aqua-DET Portal Charge (inc. 8 ceramic plates & 6 foam blocks for use w/robotic placement)
- ♦ Lock Buster
- ♦ Trunk Trasher System (inc. 2 128 oz. Hydra-jets, shock tube tees, foam blocks & positioning tray)
- ♦ Shock Tube 3-way splitter

The estimated cost for these tools and equipment is \$13,123.00

Personal Protective Equipment / Respirator Cartridges

During any CBRNE incident, the Chicago Police Department will serve as first responders as well as be the primary security force during response and recovery operations. In order to provide protection to the officers on the street, the Chicago Police Department purchased approximately 6,000 Avon FM 12 respirators along with NBC/WMD stacked filters for each. The City of Chicago Police Department has a phased approach to outfitting each officer as well as replacing the cartridges. The purchase of these cartridges will serve as a back up for the current supply and will be rotated as new respirators and cartridges are procured. The estimated cost for the Avon FM 12 respirator cartridges (NBC/WMD) is approximately \$6,271.

*UASI FY2003 – Part II (Expiration: July 31, 2005)*

Personal Protective Equipment / Respirator Cartridges

During any CBRNE incident, the Chicago Police Department will serve as first responders as well as be the primary security force during response and recovery operations. In order to provide protection to the officers on the street, the Chicago Police Department purchased approximately 6,000 Avon FM 12 respirators along with NBC/WMD stacked filters for each. In order to provide respirators to every Chicago Police Officer, funds will be utilized to purchase an additional 3,500 respirators and 7,000 filters. The City of Chicago Police Department has a phased approach to outfitting each officer as well as replacing the cartridges. This allocation of funds is phase II in a three-phase program. The estimated cost for the Avon FM 12 respirators and cartridges (NBC/WMD) is approximately \$777,000.

*UASI FY2004 (Expiration: November 30, 2005)*

Homeland Security Helicopter

In order to effectively execute proper response protocol, the Chicago Police Department (CPD) is requesting funding to acquire a helicopter to have sufficient coverage of the various assets throughout the City, especially if emergency incidents occur concurrently in key target areas such as the central business district, O'Hare or Midway Airports, other mass transit sites, major utility locations, or lakefront or waterfront targets. To assist in deterrence, command and control, and apprehension activities, the helicopter will be equipped with stabilized video cameras, forward-looking infrared cameras, moving map displays, and a secure communications linkage to the City's Joint Operations Center. The City will request a waiver to acquire the helicopter with the UASI FY2004 funds, and purchase the related equipment to implement this project that is estimated at \$2,000,000.

Personal Protective Equipment

During any CBRNE incident, the Chicago Police Department will serve as first responders as well as be the primary security force during response and recovery operations. In order to provide protection to the officers on the street, the Chicago Police Department purchased approximately 6,000 Avon FM 12 respirators along with NBC/WMD stacked filters for each. In order to provide respirators to every Chicago

Police Officer, funds will be utilized to purchase an additional 3,500 respirators. The City of Chicago Police Department has a phased approach to outfitting each officer as well as replacing the cartridges. This allocation of funds is phase III in a three-phase program. The estimated cost for the Avon FM 12 respirators is approximately \$595,000.

#### **Access to UASI Funds**

In order to access the UASI funds, you must submit a budget to OEMC detailing your anticipated use of the funds. This budget must be consistent with the purpose for which the grant is funded. This budget must be submitted to OEMC's Director of Grants Management by October 31, 2004.

Once OEMC approves your proposed budget, it will provide you with a funding strip to use for your grant-funded projects. Expenditures under this fund **may not** exceed the amount allocated to your department for this specific project. If you exceed the allocated amount, this may affect your ability to receive future UASI funding and may result in the repayment of grant funds by your agency.

#### **Procuring Equipment**

To procure equipment using UASI funds, you should follow your agency's procedures for selecting and procuring equipment, using the funding code for the grant account established with the Comptroller's Office. Vendors should submit bills and have equipment delivered directly to your department. The procedures for maintaining an equipment inventory are described in the next section. Additionally, the Department of Homeland Security has set forth additional guidelines about the procurement of a helicopter for homeland security purposes. Please contact the OEMC Director of Grants Management for further guidance on this issue.

Because the UASI grants are administered on a reimbursement basis, once your agency has initiated the purchase requisition for your item(s), you **must** forward all paperwork to OEMC. OEMC will then submit the necessary paperwork to the awarding agency for reimbursement of funds. The grant agreement language provided to the City of Chicago specifies that any delays on this step may result in the suspension of grant funding.

Federal guidelines require all purchases in excess of \$100,000 to be competitively bid. Any equipment purchase over this amount must be accompanied by proof that the vendor was selected through a competitive process. If the vendor was selected by using the Procurement Department's sole source process, you must obtain a copy of the city's sole source justification. All requisitions for equipment over \$100,000 and the accompanying competitive bid or sole source documentation should be submitted to OEMC with your department's monthly report (see below).

#### **Maintaining an Inventory of Your Equipment**

Grant guidelines require that you maintain an inventory of all federally funded equipment. This inventory must include:

1. Description of the property
2. Serial number or other identification number

3. Source of the property (i.e., UASI funding)
4. Acquisition date
5. Use and condition of the property
6. Location of the property
7. Disposition date and sale price (if applicable)

A physical inventory of the property must be completed and the results reconciled with the inventory records once a year. The inventory list should be retained for your records for 3 years and a copy should be sent to OEMC.

### **Disposition of Equipment**

If the agency decides to dispose of any equipment funded by the grant, the following procedures must be followed:

1. A list of all items funded by a UASI grant must be maintained. The list should include (a) a description of the property, (b) the serial or other identification number; (c) the per-unit, fair-market value of the equipment; (d) the disposal date; and (e) the sale price, if any.
2. If the item has a per-unit, fair-market value of less than \$5,000, you may sell or otherwise dispose of the item with OEMC's prior approval. You must, however, include the item on the equipment disposal list.
3. If the item has a current per-unit, fair-market value in excess of \$5,000, you must obtain OEMC approval before disposing of the equipment. Prior to disposal, transfer or resale of this equipment, you must contact the OEMC Director of Grants Management for further direction.

### **Training/Travel**

All travel funded by your agency's UASI grant must be directly related to the intended purpose stated earlier in this document. Your agency may follow your own procedures for approving and paying for this training. Reimbursement for travel under the UASI grant will follow City of Chicago Travel Guidelines. However, as stated earlier, you **must** forward all paperwork regarding travel/training to OEMC. OEMC will then submit the necessary paperwork to the awarding agency for reimbursement of funds. The grant agreement language provided to the City of Chicago specifies that any delays on this step may result in the suspension of grant funding.

### **Personnel/Consultants**

Overtime expenses for city personnel may, in some instances, be paid for under the grant. To receive reimbursement for overtime, please submit a copy of your agency's Overtime/Compensatory Time Report to OEMC. The report should include: (1) the name and employee number of the employee who earned the overtime; (2) the date and hours of the overtime; and (3) a brief explanation of the assignment.

The federal government limits the maximum compensation for consultants to \$450/day per consultant. If your grant appropriation requires compensation in excess of this rate, please contact OEMC for further instruction.

### **Monthly Reporting Requirements**

In order to ensure that your agency has ready access to your funding and that all federal grant guidelines are being met, OEMC will hold monthly status meetings and require monthly reporting on the status of all UASI funded project. A report must be submitted by your department to OEMC each month, containing:

1. A status report on all projects to be funded by the grant;
2. A list of equipment purchased and the date of purchase;
3. A copy of all purchase requisitions
4. For equipment over \$100,000, documentation showing that the item was procured through a competitive bid or the sole source justification
5. An updated inventory list;
6. A list of all trainings held as well as the names of individuals attending the training;
7. A list of all travel funded by the grant, including,
  - a. The purpose of the travel
  - b. The travel dates
  - c. The names of the persons traveling
  - d. A description of the conference or training session
  - e. Any relevant brochures or training material
8. A list of each consultant hired under the grant, including:
  - a. The name of the consultant
  - b. The type of work performed
  - c. The hourly rate
  - d. The anticipated total expenditures

The monthly report must be submitted to OEMC's Director of Grants Management, by the first of each month.

### **Conclusion**

Your adherence to the guidelines set forth in this document will allow the City of Chicago to remain in compliance with all local, state, and federal laws surrounding the disbursement of grant monies. These guidelines are intended to ensure the swift allocation and procurement of your homeland security related purchase. Should you have any questions regarding any of the items listed in this document, please contact the Director of Grants Management at OEMC for guidance.



**U.S. Department of Homeland Security  
 Office for Domestic Preparedness**

**GRANT ADJUSTMENT NOTICE**

<b>1. GRANTEE NAME AND ADDRESS (Including Zip Code)</b> Chicago Office of Emergency Management and Communication Cortez Trotter, Executive Director 1411 W. Madison, 48th Floor Chicago, IL 60607-1809	<b>3. GRANT NUMBER</b> 2003-TU-TX-0001
<b>1A. GRANTEE IRSVENDOR NUMBER</b> 366005823	<b>4. ADJUSTMENT NUMBER</b> 3
<b>2. PROJECT TITLE</b> Fiscal Year 2003 Urban Area Security Initiative	<b>5. DATE</b> JAN 07 2005
<b>6. GRANT MANAGER</b> Jey Roorbach	

**SECTION I. DEOBLIGATIONS & REOBLIGATIONS**

<b>7. ACCOUNTING CLASSIFICATION CODE</b>  <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">FISCAL YEAR</td> <td style="text-align: center;">FUND CODE</td> <td style="text-align: center;">BUD. ACT.</td> <td style="text-align: center;">OFC.</td> <td style="text-align: center;">DIV.REG.</td> <td style="text-align: center;">SUB.</td> <td style="text-align: center;">MBO</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	FISCAL YEAR	FUND CODE	BUD. ACT.	OFC.	DIV.REG.	SUB.	MBO								<b>9. PREVIOUS GRANT AWARD AMOUNT</b> \$      10,896,000  <b>10. REOBLIGATION AMOUNT</b> \$  <b>11. ADJUSTED AWARD AMOUNT</b> \$      10,896,000
FISCAL YEAR	FUND CODE	BUD. ACT.	OFC.	DIV.REG.	SUB.	MBO									
<b>DOCUMENT CONTROL NUMBER</b>															

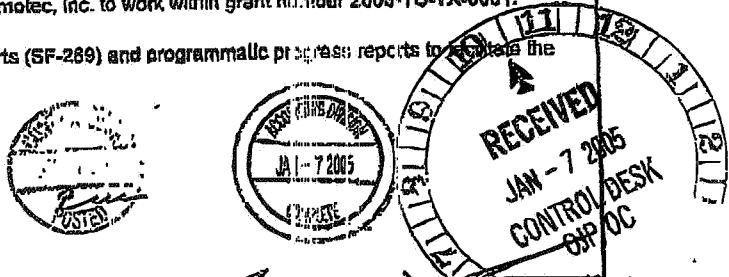
**SECTION II. CHANGES**

<b>12. CHANGE GRANT MANAGER</b>	FROM: _____	TO: _____
<b>13. CHANGE GRANT PERIOD</b>	FROM: _____	TO: _____

**SECTION III. OTHER ADJUSTMENTS & INFORMATION**

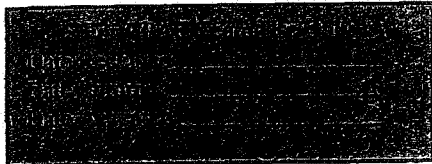
**14**  
 The Office for Domestic Preparedness (ODP) and the Office of the Comptroller have reviewed the request for sole-source justification for procurement of an ANDROS F8A Hazardous-Duty Mobile Robot. The Chicago Office of Emergency Management and Communications has been approved to enter into a contract with Remotec, Inc. to work within grant number 2003-TU-TX-0001.

The grantee is reminded to continue submitting financial status reports (SF-289) and programmatic progress reports to ensure the availability of funds.



<b>15. TYPED NAME AND TITLE OF AUTHORIZED OFFICIAL</b> Timothy L. Beres, Associate Director	<b>16. SIGNATURE OF AUTHORIZED OFFICIAL</b> 
--	---

# 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: December 8, 2004  
 ID No (Spec, RX, Project): \_\_\_\_\_  
 Department: Police  
 Bureau: South/Arson  
 Contract No. (if known): \_\_\_\_\_  
 Project Title/Description: ROBOT

Contact Person: Mike Palumbo  
 Tel: 5-5640 Fax: 5-6841 E-mail: \_\_\_\_\_  
 Project Manager: SEE ABOVE  
 Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_  
 Estimated Value \$ 133,607.00

## 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 YASI Grant  
 Funding Strip(s): \_\_\_\_\_

\* Attach copy of any applicable grant agreement terms and conditions

**TIME FRAME**  
 Date Needed: MAY 1, 2005    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-BA; screen print of EPS AWDS table)

Does program require Executive Order 91-1 clearance?  
 Is boilerplate from Law available or in production?  
 Would your department benefit from technical assistance?

Yes  No  
 Yes  No  
 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:

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



# PROJECT CHECKLIST

## SMALL ORDERS SUPPLEMENTAL CHECKLIST

Yes No

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

## ATTACHMENT REQUIRED FOR EACH SMALL ORDERS PROCUREMENT TYPE

(Check Appropriate Group)

### 1. ONE SHOT (PN)

- YES ( ) NO ( ) Detailed Specifications
- YES ( ) NO ( ) Suggested Vendor
- YES ( ) NO ( ) Support Documentation

### 3. EMERGENCY CONTRACT

- YES ( ) NO ( ) Justification Letter
- YES ( ) NO ( ) Vendor Proposal
- YES ( ) NO ( ) Pre-assigned Requisition (RX)

### 4. TELEPHONE/FAX BIDS

- YES ( ) NO ( ) Justification Letter

### 2. SOLE SOURCE REQUIREMENTS

- 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.

## 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?  Yes  No
- Will services be performed on or near a waterway?  Yes  No
- Will services require the handling of hazardous/biowaste material?  Yes  No
- Will services require the blocking of streets or sidewalks in any way?  
Which may affect public safety?  Yes  No



05/15/05 11:12:21

**Richard M. Daley**  
Mayor

**Department of Police • City of Chicago**  
3510 S. Michigan Avenue • Chicago, Illinois 60653

**Philip J. Cline**  
Superintendent of Police

31-JAN-2005

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

**ATTN: STACY STEWART**

**SUBJECT: PROPOSED SOLE SOURCE CONTRACT WITH  
REMOTEC, INC. FOR THE PURCHASE OF  
HAZARDOUS DUTY MOBILE ROBOT**

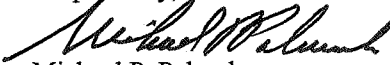
As part of our appropriation of the Urban Areas Security Initiative (UASI) Grant Program, provided by the Department of Homeland Security, this department has identified the need for a hazardous duty mobile robot. Due to the above stated vendor's track design, patented under U.S. Patent Nos. 4,932,831 and 5,022,812 this purchase will be required to be contracted as a Sole Source purchase. The stated patents are vital to our department's need for access and maneuverability. To that end, attached please find the following:

- 1) One City of Chicago Justification For Non-Competitive Procurement.
- 2) One Scope of Service.
- 3) One vendor quote which is acceptable to this department.
- 4) One manufacturer's sole source letter and product description.
- 5) One copy of the Urban Areas Security Initiative (UASI) Grant.
- 6) One copy of the U. S. Department of Homeland Security's Sole Source approval for this purchase.

Please take the necessary action to ensure that this matter be placed on the February Sole Source Agenda. Note further, that the attached justification states that "Non-Stated Goals" language is necessary for this procurement.

Should you have any questions, please do not hesitate to contact me at 312-745-5794.

Respectfully,

  
Michael P. Palumbo  
Supervisor of Contracts

cc: Irene Jones, Commander  
Michael Gerhardstein, Sergeant, Unit 186  
File

RobotSoleSourceCity.wpd



Richard M. Daley  
Mayor

Department of Police • City of Chicago  
3510 S. Michigan Avenue • Chicago, Illinois 60653

Philip J. Cline  
Superintendent of Police

08-DEC-2004

Office of Emergency Management and Communications  
1411 W. Madison Street  
Unit 133  
Chicago, Illinois 60607

ATTN: **SHELLEY L. FULLA, DIRECTOR  
GRANTS MANAGEMENT**

SUBJECT: **PROPOSED SOLE SOURCE CONTRACT WITH  
REMOTEC, INC. FOR THE PURCHASE OF  
HAZARDOUS DUTY MOBILE ROBOT**

As part of our appropriation of the Urban Areas Security Initiative (UASI) Grant Program, provided by the Department of Homeland Security, this department has identified the need for a hazardous duty mobile robot. Due to the above stated vendor's track design, patented under U.S. Patent Nos. 4,932,831 and 5,022,812 this purchase will be required to be contracted as a Sole Source purchase. The stated patents are vital to our department's need for access and maneuverability. To that end, attached please find the following:

- 1) One City of Chicago Justification For Non-Competitive Procurement.
- 2) One Scope of Service.
- 3) One vendor quote which is acceptable to this department.
- 4) One manufacturer's sole source letter and product description.
- 5) One copy of the Urban Areas Security Initiative (UASI) Grant.

Please take the necessary action to submit this to the appropriate federal agency for approval.

Should you have any questions, please do not hesitate to contact me at 312-745-5794.

Respectfully,

A handwritten signature in black ink, appearing to read 'Michael P. Palumbo'.

Michael P. Palumbo  
Supervisor of Contracts

cc: Michael Gerhardstein, Commander  
Michele James, Fiscal Administrator  
File

RobotSoleSource.wpd