

Sole Source/Sole Brand Justification Form

Complete this form when only one source is available for goods or services requested or when only one product will meet your needs. Respond to all questions that apply. Please complete and forward it to the Purchasing Department, along with Sole Source letter provided by vendor. If more space is needed, please attach additional page(s).

PURCHASE INFORMATION

1. Provide Estimated Price.

\$85,061.18

2. Provide name, manufacturer, and model number of item being purchased or the services to be purchased.

ICOR Technology, Inc - Mini-Caliber Robot

3. Provide Description of requested items or services and their purpose(s). Add additional sheet if needed.

The Mini-Caliber Robot is a small sized robot that weighs 64lbs and is specifically designed for SWAT missions. The robot's rubber tracks allow for traversing rough terrain and climbing stairs. The robot is simple to operate and quick to deploy for searching rooms, hallways, stairwells and confined spaces. The robot also has an extendible rotating claw arm with a 10X zoom camera. The arm can lift objects up to 15lbs, deliver packages and open doors. The robot also has a 2-way audio that allows the operator to talk and listen through the robot.

4. Reason(s) for requesting a sole source purchase:

- ☒ Original manufacturer or provider.
- ☐ Only local distributor for the original manufacturer or provider.
- ☐ Only known item or service matching the requested needs or performing the intended task.
- ☐ Sole provider of a licensed or patented good or service.
- ☐ Sole provider of items compatible with existing equipment, inventory, systems, programs or services.
- ☐ Sole provider or factory-authorized warranty service.
- ☐ None of the above applies (Please attach a detailed explanation and justification for this sole source request.)

5. Explain why the product or service requested is the only one that can satisfy your requirements.

ICOR Technology, Inc is the exclusive designer, manufacturer and distributor of the Mini-Caliber Robot.

6. Identify other sources reviewed and why they are unacceptable. Be specific with regard to specifications. Attach additional pages if necessary.

Purchase will be made with the Office of the Governor FY26 Edward Byrne Memorial Criminal Justice Assistance Grant #5343201 funds.

I certify that the above statements are true and correct, and that no other material fact or consideration offered or given has influenced this recommendation for a sole-source or proprietary purchase.

Terri Bounds

Print/Type Name

Grant Specialist

Print/Type Title

Nov 17, 2025

Date

Police

Department

817-427-7078

Telephone Number

Department Director's Signature

PURCHASING USE ONLY

Approved by: *Charles Benson*

Date: Nov 18, 2025

Purchasing Manager (or designee)

Adam Smead
North Richland Hills Police Department
6700 Baker Blvd
Richland Hills, TX 76118

November 13, 2025

RE: Mini-CALIBER Sole Source Justification

Dear Adam Smead;

ICOR Technology Inc. is the exclusive designer, manufacturer and distributor of the Mini - CALIBER® robot. This robot is not manufactured or duplicated by any other manufacturer.

As a small size robot weighing 64 lbs.; the Mini - CALIBER® Robot is designed specifically for SWAT missions. There are no other comparable robotic platforms in this weight class or price point that can accomplish the same amount of mission requirements.

The Mini-CALIBER® is purpose built for the following:

- **MULTIPLE MISSIONS**
 - Surveillance / Reconnaissance
 - Inspection of planes, trains & buses
 - Barricaded suspect / crisis negotiation
 - Deliver / retrieve packages
 - Open doors and move objects
 - Under-vehicle inspection
 - IEDD identification & disposal
 - Intelligence gathering

The Mini - CALIBER® robot has unique features and capabilities, outlined in the list below:

1. One independently operated robotic claw arm:
 - a. The flexible turret allows for easy viewing underneath vehicles as well as manipulating items on a counter
 - b. Open doors (vehicles and buildings)
 - c. 5 axis arm on rotating turret
 - d. Turret rotate: + / - 100°
 - e. Claw rotate: 360° Continuous Rotation
 - f. Max 66" (168 cm) Vertical Reach
 - g. Max 52" (132 cm) Horizontal Reach
 - h. 15 lbs. (6.8 kg) lift capacity
 - i. Color zoom camera with 10x optical zoom
2. A manual two speed transmission switches the speed of the robot from low to high gear. The maximum speed is 2 mph (3.2 km/h). Shifting the transmission is accomplished by pressing the button on the CCU.

3. The front and rear flippers and chain drive system with tracks over aluminum wheels provides the traction for the robot to handle rough terrain.
 - a. climb stairs up to 45° incline;
 - b. traverse over mud, dirt, tall grass, sand, ice and snow
 - c. -50° -+160° flipper rotation with positional feedback
 - d. Front and rear preset positions for stair climbing
 - e. Front and rear preset positions for stowing robot
4. 5 cameras are provided as standard equipment on the robot including:
 - a. Two IR cameras for low light conditions (front drive camera and rear drive camera – wide angle view)
 - b. One 10X Optical Zoom
 - c. One Claw Arm camera
 - d. One auxiliary mast camera (wide angle view)
 - e. Quad-Screen Picture in Picture display
5. The handheld Command & Control Unit is lightweight and quick to deploy:
 - a. Handheld, portable CCU
 - b. Touchscreen function selection
 - c. Variable Speed Joystick Control
 - d. 5.8" (14.7cm) LCD daylight readable anti-glare screen
 - e. Weight: 5.3lbs (2.4kg)
6. Robust IP MESH Radio system capable of transmitting up to 1000m Line of Sight, and act as a repeater for other MINI-CALIBERs operating on the same frequency
7. The Mini-CALIBER® robot comes with a limited 2-year warranty, unlimited technical support and a 24/7 customer support telephone number.

All purchases for ICOR Technology Inc. products should be assigned to ICOR Technology Inc. by formal governmental / departmental purchase orders.

If you require more information on our products, please contact me at the numbers or email listed below.

Sincerely,



Digitally signed by Jack
Vongdouangchanh
Date: 2025.11.13
10:14:00 -05'00'

Jack Vongdouangchanh
Commercial Manager
ICOR Technology Inc.