

Lt. Joseph Perez
Merced Police Department (CA)
611 W 22nd St.
Merced, CA 95340

September 8, 2021

SOLE SOURCE JUSTIFICATION

Dear Lt. Perez,

Based in Ottawa, Ontario, ICOR Technology Inc. is the exclusive designer, manufacturer and Canadian distributor of the CALIBER® FLEX robot as quoted on QUO-03682-B5M0-0. This robot is not manufactured or duplicated by any other manufacturer, nor is there any equivalent robot that resembles or operates similar to the CALIBER® FLEX robot.

As a medium to large robot weighing 235lbs (106.5 kg); the CALIBER® FLEX robot has applications for both EOD and 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 CALIBER® FLEX robot has unique features and capabilities, outlined in the list below:

1. One robotic arm with 5 axis of movement:
 - a. The Claw on the arm has 3 axis movement, 360° continuous rotation, one camera and can lift approximately 80lbs (36 kg)
 - b. The arm is equipped to hold two recoilless disrupters. The disrupter mount is equipped with LIDAR distance sensors
 - c. Multiple pre-set positions.
 - d. An optional Arm Extension Kit is available to extend the reach up to 115" (2.92m)
 - e. Multi-axis movement using gamepad control
 - f. 2-speed motor for fine motor control
2. A manual three speed transmission switches the speed of the robot from low, medium and high gear. The maximum speed is 4 mph (7 km/hr). Shifting the transmission is accomplished by pressing the button on the CCU.
 - a. In low gear the robot can tow up to 300 lbs (136kg)
 - b. High gear is designed for driving quickly in a straight line.
3. The chain driven track drive system with 4 articulating flipper provides traction for the robot to:
 - a. climb stairs at a 45° incline using pre-set positions;
 - b. traverse over mud, dirt, tall grass, sand, ice and snow
 - c. raise the platform using the articulators for extra reach and ground clearance
4. 6 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)

- b. One PTZ (Pan-Tilt-Zoom) 360° continuous rotation, 30x optical zoom with auto and manual focus, automatic claw follow and 2-speed motor control with a dedicated joystick
 - c. Two Weapons Camera d. One Claw Arm camera
5. The CALIBER® can drive through standing water up to 9.8" (25cm) deep. The top of the deck is weather resistant and can with stand rain / snow. Users can decontaminant the platform using a 5%-6% bleach solution and a regular garden hose. It is not recommended to use a high pressure hose on the robot.

A partial list of ICOR's robot clients follows:

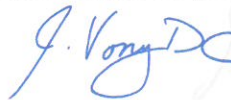
- 1. New Jersey State Police – NJ, USA
- 2. Royal Canadian Mounted Police (RCMP) - Throughout Canada
- 3. City of Ottawa Police, Ottawa, ON Canada
- 4. Bloomington Police Department – Minnesota, USA
- 5. Philadelphia Bomb Squad – Pennsylvania, USA
- 6. Pennsylvania State Troopers – Pennsylvania, USA
- 7. St. Paul Police Department – Minnesota, USA
- 8. City of Rialto Police Department – California, USA
- 9. US Department of State – USA
- 10. Alford Technologies Ltd – United Kingdom, UK
- 11. John Hopkins University – Maryland, USA
- 12. GMR Hyderabad International Airport Ltd – India
- 13. GMR New Delhi Airport - India
- 14. Safety Egypt Co. – Egypt

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,

Jack Vongdouangchanh



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Vongdouangchanh.Thongchanh.J.0RC3010022242.ID
DN: c=US, o=U.S. Government, ou=ECA, ou=ORC,
ou=ICOR Technology Inc.,
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Commercial Manager
ICOR Technology Inc.