

Caliber Flex Explosive Ordinance Disposal (EOD) Robot



City Council A Session
December 12, 2023

Presented by William McManus, Chief of Police

SAPD Bomb Squad



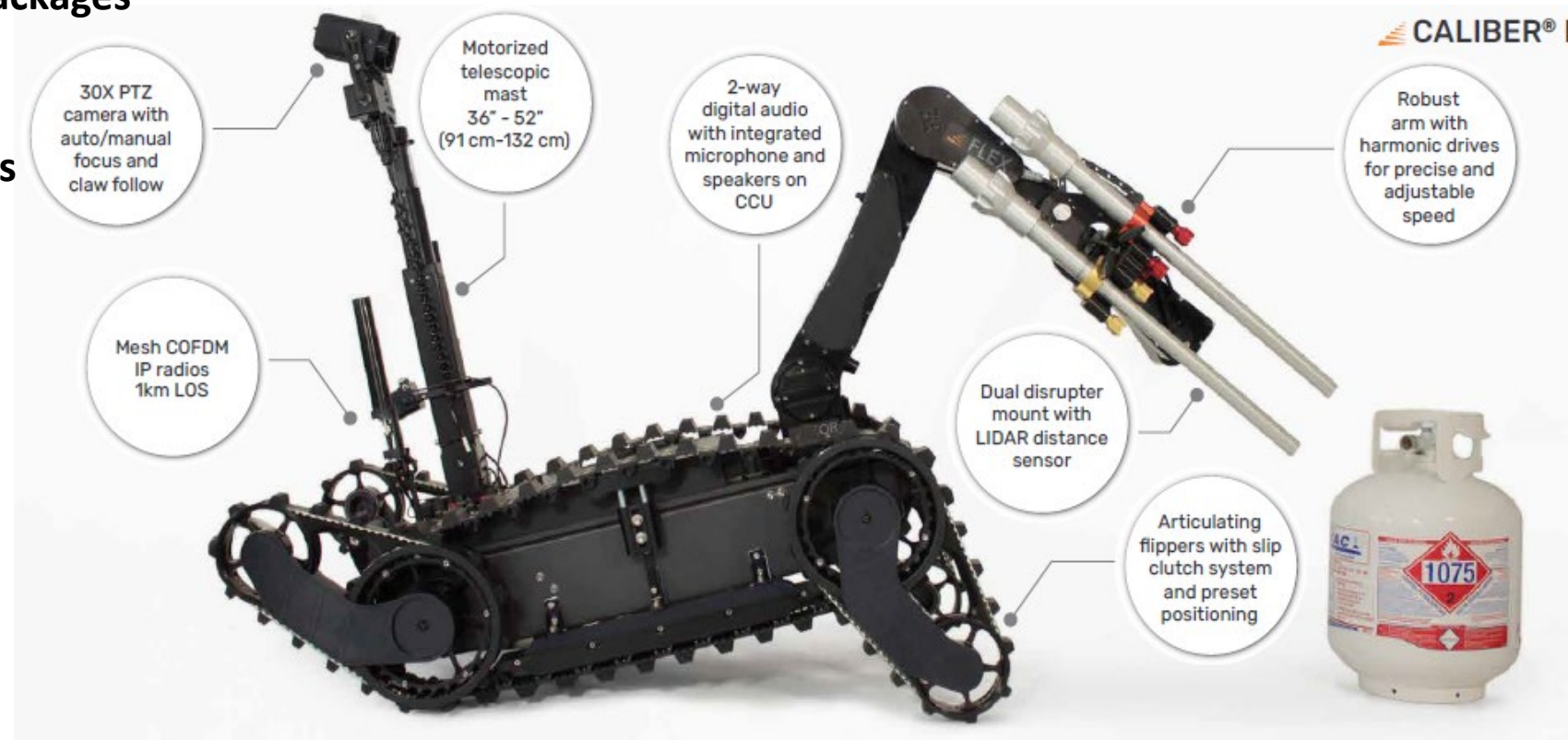
- San Antonio Police Department Bomb Squad Unit is the only full-time Tier 1 FBI accredited team in AACOG Region 18.
- Currently the Bomb Squad consists of 8-members. They have the capability to respond to a regional incident while continuing to maintaining coverage locally.

Tactical Response and Rescue Vehicle

- Equipment will support the core capabilities to delay, divert, intercept, halt, apprehend, or secure threats and/or hazards from a terrorist attack.
- The impact of this project will strengthen the Bomb Squad's ability to render safe suspicious packages and improvised explosives devices.

Caliber Flex Robot Critical Incident Response

- Responds to Critical Incidents:
 - Calls involving suspicious packages
 - Explosive Devices Disposals
 - Natural/Manmade Disasters
 - Special Events



Caliber Flex Robot

Explosive Ordinance Disposal Capabilities



- Transmits a crisp, clear video images with excellent Non-Line-of-Sight (NLOS) operations using Mesh COFDM IP radios
- Quickly deploy robot using one button touchscreen preset positions
- Increase situational awareness with real-time 3D avatar positioning
- Simplified disrupter aiming with new and improved lasers and integrated LIDAR
- Intuitive, easy-to-use CCU interface with flexible controls

Funding and Recommendation

- The purchase cost is \$300,330.00 and will be funded by 2022 State Homeland Security Program FY 2023.
- Staff Recommends approval to purchase the Caliber Flex Explosive Ordinance Disposal Robot.

Caliber Flex Explosive Ordinance Disposal (EOD) Robot



City Council A Session
December 12, 2023

Presented by William McManus, Chief of Police