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|  <p style="text-align: center;">Council Communication Office of the City Manager</p> | Date: | May 9, 2016 |
| | Agenda Item No. | 43B |
| | Roll Call No. | <u>16-0783</u> |
| | Communication No. | <u>16-235</u> |
| | Submitted by: | Dana Wingert, Chief of Police |

AGENDA HEADING:

Requesting approval to purchase replacement equipment for the bomb disarmament robots.

SYNOPSIS:

- The City of Des Moines is the statewide grant manager for the 2015 Homeland Security Explosive Ordinance Device (EOD) grant. Each of the eight (8) statewide certified bomb teams has been assigned a bomb disarmament robot purchased through Homeland Security grants.
- Each of the eight (8) robots is in need of anticipated replacement equipment to maintain high-level functionality. The robot design and replacement parts are proprietary and are only manufactured and distributed by Northrop Grumman - Remotec, 353 J.D. Yarnell Industrial Parkway, Clinton, TN 37716, Wes Bush, Chief Executive Officer and President, Northrop Grumman Corporation.

FISCAL IMPACT:

Amount: \$98,000.00

Funding Source: 2015 Homeland Security EOD grant (HSP00015): Special Revenue and Other Funds (page 207) of the FY 2017 Recommended Operating Budget, Department Detail

ADDITIONAL INFORMATION:

- The electrical operations governance boards or circuit boards that are currently being used in the robots are at the end of life and in need of replacement. The failure of the circuit board would render the robot inoperable or to malfunction which may pose a safety issue.
- The robots enable bomb technicians to examine, analyze, and disarm explosive devices from a safe remote location. The robot is controlled through a closed circuit computer communications system and are equipped with cameras for visual observation. The robots are designed to mimic human movement as closely as possible for precision movement in disarming an explosive device.
- All purchases made utilizing the grant funding must receive prior approval from the State of Iowa Homeland Security Guidance Committee. The grant mandates that the funds be used to support the eight (8) certified teams within the State of Iowa. The City of Des Moines purchases the equipment for the eight (8) teams in accordance with the City Procurement Ordinance and then distributes the equipment to each team with a signed acceptance receipt which is maintained as part of the grant record.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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