EXHIBIT “A”

SPECIFICATIONS FOR
POLICE BOMB TRUCK FOR
LAKE COUNTY REGIONAL BOMB SQUAD

CHASSIS and BODY

1. 2013 (current model year) chassis with aluminum step van body or equivalent for easy access while wearing a Bomb Suit.

2. Chassis shall be equipped as follows:
   * Heavy duty shocks
   * Dual rear wheels
   * Aluminum Wheels (6)
   * 20,000 lbs. capacity rear axle w/ 20,000 lbs. Suspension
   * Conventional Spring Suspension
   * 225/70R 22.5” tires - front = highway, rear = mud/snow
   * Power steering
   * Power air brakes
   * Heated air dryer
   * Driver’s and Officer’s front seats, rear seating for 4
   * Intermittent windshield wipers
   * Cruise Control
   * AM/FM Radio with Weather Radio
   * Air emergency brake
   * Approximately 300 HP DIESEL Engine
   * Approximately 90 gallon fuel tank
   * Allison automatic transmission or equivalent
   * Alternator-270 amp Leece Neville or equivalent
   * One (1) commercial grade truck battery with cut-off switch near driver area

3. Body equipped as follows:
   * All aluminum construction
   * Safety glass all around
   * Tinted windshield
   * Hinged type driver/passenger doors with crank-down windows
   * Passenger-side entrance door leading to Operational interior area
   * (1) High output heater
   * External Battery Jumper

4. Approximate unfinished Body dimensions shall be as follows:
   * Interior height – 85 “
   * Interior width – 95 “
   * Interior length (body only) – 21'
   * Overall Length – 30’

BODY CUSTOMIZATIONS

1. (1) Aluminum bulkhead shall be fabricated and installed, double-walled and framed with aluminum tubing and insulated with an access door.

2. (2) solid aluminum bulkheads behind front seats.

3. Fabricate and install jump seat type bench seats for approximately 4, with storage and seat belts.
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4. Entire body and chassis shall be cleaned and prepared, primed, painted. Color (BLACK). Body to be undercoated. Touch up paint to be provided.

5. Rear bumper custom fabricated from steel and a heavy duty hitch receiver and hitch shall be installed to accommodate a 10,000 lbs. trailer.

6. Interior area behind main bulkhead shall be equipped with shelving – to include a small interior LOCKABLE cabinet shall be installed within one of these shelving units.

7. One (1) set of aluminum wheel chocks shall be supplied and installed at left side of the body forward of the rear wheels. The chocks shall mount at special cut-out areas of the body so as not to hang down below the body line.

8. Entire center-section of the body floor shall be covered with aluminum diamond plate material and the flooring sealed with silicone caulking.

9. One stainless steel (1) Desk/Counter area shall be designed and installed in the truck interior. Storage and a space shall be provided for X-Ray and Robot controller – approximately 96” Long.

10. One (1) Diesel generator shall be installed on the vehicle, the controls for which shall be located inside the interior body. The generator must be of sufficient design to power the vehicle for 6-8 hours of run time and do so as quietly as possible. It shall be capable of automatically receiving fuel supply from the vehicle’s main diesel fuel tank. All generator service points must be accessible without having to remove the unit from the vehicle.

11. All 110/240v wiring shall be run through liquid tight conduit with all liquid tight connections. All wire shall be color and number coded and shall meet NFPA standards. One (1) 10 circuit electrical control breaker panel with breakers shall be located at body interior as per customer's request.

12. Two (2) 120v 20 amp exterior and eight (8) 120v 20 amp interior outlets shall be installed. The exterior outlets shall have weather-proof covers as per customer requirements.

13. Lighting required to sufficiently illuminate the interior of the unit, including the area forward of, and in the robot storage area, will be installed. Lighting switch locations will be placed as per customer requirements.

14. All 12 volt wiring shall be installed to meet all federal and NFPA standards. A minimum of 18 gauge, color coded, number coded and function labeled stranded copper wire shall be used (unless specified by a specific solid state electronic component.) All wiring shall be run through automotive type split loom. The entire Emergency Load added to the Chassis/Body shall be Load Managed to prevent an electrical overload of the apparatus.

15. There shall be a master distribution box located in the chassis cab with all circuit breakers, solenoids, diodes, etc. All wiring that enters the body shall then be connected to a junction block terminal located in the left side front compartment. The junction blocks will serve as a disconnect point for future upgrades. The junction block shall be covered with a removable aluminum panel(s) for protection.

16. All body marker lights shall be supplied and installed as per Federal and State requirements. All marker lights shall be LED and protected with a chrome plated shield.

17. LED back-up lights shall be installed at rear of unit - one each side. These lights shall be activated whenever the transmission is placed in reverse. (1) Heavy duty audible back-up alarm shall also be installed on this circuit.

18. Red LED tail/stop lights shall be installed at rear of unit, amber LED turn signal lights (with arrow) shall be installed at rear of unit - one each side. These lights shall be activated direct from chassis system.

19. One (1) license plate holder shall be mounted at the rear of the unit with pre-drilled holes. One (1) light shall be mounted to illuminate license, this light will be activated direct from chassis system.

20. LED scene-lights installed on upper sides of body - (2) each side and (2) at rear. A

commercial-grade LED light bar with an Opticom device installed, shall be mounted at front of body roof. The light bar shall be set up with clear lenses displaying red LED lights on one side and blue LED lights on the other side.

21. Siren shall be installed at the cab instrument panel (overhead) - complete with noise cancelling microphone. Switch shall be included to operate the siren from the (steering wheel)

22. Blue/red LED (with clear lenses) lights shall be installed - (2) in cab grille area, (2) at each side (low) and (2) at rear (low). Lights shall be controlled from cab console.

23. Blue/red LED (with clear lenses) lights shall be installed on body - (2) at rear (high) and (2) at each side (high).

24. 100 watt speakers shall be installed in the front bumper and connected to electronic siren.

25. Battery charger/conditioner/air compressor or equivalent shall be installed on chassis battery system.

26. A winch or equivalent pulling system shall be installed on the unit. The system should be capable of pulling the vehicle unassisted for a minimum of 30’ on a flat surface.

MISCELLANEOUS

1. A large rear compartment suitable for robot storage shall be installed with access from the rear of the apparatus. The compartment, which at minimum should measure 60” X 60”, shall be equipped with a slide-out/hinged ramp for deployment of a Robot and support equipment. A door shall be installed between this compartment and the main interior of the body. This compartment should be designed to accommodate at least two (2) extra large MED-ENG EOD9 bomb suits with helmets, customer supplied bomb robot and also miscellaneous items through adjustable aluminum shelves or cabinets with adjustable aluminum shelves. The compartment shall also be equipped with a 12 volt circulation fan to provide adequate airflow and circulation.

2. Exterior storage compartments shall be installed around the apparatus

3. An automatic transfer switch shall be installed to transfer the interior lighting and receptacles from the shoreline to the generator (minimum 30 amp).

4. Two workstations with minimum 26” LCD monitors shall be installed inside the command portion of the body with connections for two (2) additional monitors possible. Overhead storage compartments will be located above the workstations designed to maximize the use of the available space

5. A pneumatic non-locking tower mast with a Camera system shall be installed. The complete tower system shall be controlled from the exterior of the command module and possess suitable illumination equipment (i.e. Look-Up Light) required for the safe raising and lowering of the tower mast in total darkness.

6. A Manual Awning shall be installed on the right (passenger) side of the unit.

7. Four (4) 120V extension lights shall be provided – two (2) fix mounted and two (2) tripod mounted.

8. Two (2) Roof mounted Air Conditioners / Heaters shall be installed on the unit. The AC units shall be operated from the generator system and shall provide approximately 13,500 BTU Cooling and 5,600 BTU Heating EACH.

9. Two (2) Emergency air horns located low and at the front of the vehicle.

10. A minimum of three (3) outlet strips shall be provided and installed at the interior for charging of radio and communication equipment.

11. Ability to install antennas supplied by customer on the apparatus roof with coax to be run to the forward cab area.

12. One (1) DVR with storage capability shall be provided and installed, with recording capability connected to a Video/Camera system.

13. Storage shall be provided for two Bomb Suits (hanging) and Helmets (on shelves) in the robot storage area of the command unit.

14. Ability to install One (1) Customer supplied 120V refrigerator and freezer in the forward portion of the Command Unit.

15. Ability to install a customer-supplied Day Box 14” high, 28” deep and 28” wide and Cap Box 14” wide, 16” deep and 9” high in two separate compartments, with a minimum of 10 feet space in between the compartments and containing roll-out trays, on the right exterior (passenger) side of the vehicle.

16. Install customer-supplied Robot harness control on the exterior wall of the vehicle on the same side as the Robot workstation is located.

16. Two (2) LED handlights with chargers shall be installed as per Customer requirements.