DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

Light Tactical Trailer – Heavy Chassis (LTT-HC) Desired Attributes

Lifting and Tiedown Provisions. The trailers shall be equipped with lifting and tiedown provisions.

Paint. All painted surfaces shall be compatible with Chemical Agent Resistant Coating (CARC). All painted surfaces shall be cleaned, pretreated, primed and top coated with CARC.

Decontamination Solution Number Two (DS2) Decontamination. Mounting bracket shall be provided and mounted. The DS2 decontamination bracket shall be mounted on the tongue of the LTT-HC. Mounting location shall not interfere with operation or payload of the trailer.

Track Width. The trailer track width shall be the same as the High Mobility Multipurpose Wheeled Vehicle (HMMWV). The center-to-center tire distance shall be 71.6 inches (+/- 1.0 inch).

Departure Angle. The trailer departure angle at Gross Vehicle Weight (GVW) shall be a minimum of 38 degrees.

Rims, Tires and Runflat Devices. The trailers shall be furnished with HMMWV radial wheels, radial tires, and associated runflat devices. The trailer shall operate with one tire air out for a minimum of 30 miles at 30 miles per hour on a flat paved surface.

Electrical. All lights shall be 24-volt potential with Black out tail and stop lamps.

Electrical Connector. The electrical system shall be compatible with the HMMWV. Trailer connector shall interface with the 12 pin HMMWV trailer connector.

Pintle Interface. Trailers shall be compatible with HMMWV pintles and Commercial Utility Cargo Vehicle (CUCV) pintles.

Safety Chains. To protect from loss of trailer control in the event of pintle or lunette failure, safety chains shall be provided on all trailers.

Pedestal/Retractable Landing Device. An adjustable leg shall be provided to allow a trailer without prime mover to be leveled. The landing device shall possess a combination wheel and plate. The device shall provide leveling capability in soft soil conditions should the wheel or fork be disabled.

Rear Stabilizer Legs. Rear stabilizer legs shall be provided which stabilize the trailer on longitudinal slopes.

Breakaway. The trailer shall be equipped with a breakaway feature.

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Lubricants/Fluids. Trailer shall be capable of being maintained using specified grease at all required lubrication points and brake fluid without any adverse performance, reliability or durability impact.

Welding. All Arc Welding shall be in accordance with Ground Combat Welding Codes - Steel and Aluminum.

Advanced Medium Mobile Power sources (AMMPS) Mounting Kit. When specified the contractor shall provide a universal AMMPS mounting kit for the LTT-HC that will have mounting rails to accommodate generators. The AMMPS kit shall also provide fenders, operator floor, step floor, and mounts for an accessories box, a fire extinguisher and a switch box. This kit shall not negatively impact the operation, accessibility (e.g. AMMPS door openings and fluid drain provisions) and the maintainability of the generator sets mounted on the LTT-HC.