



VENTRY SOLUTIONS, INC.

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BID SPECIFICATIONS
LENTRY® PORTABLE LIGHT SYSTEM
Model 1SPECXX-C

1. LENTRY® PORTABLE LIGHT Model 1SPECXX-C incorporates one all-terrain three-legged Lentry Frame (US patent D684,309), one Honda® EU-series generator, two telescoping poles, two high output lights, and one case in which to store the lights.
2. LENTRY UNIT shall stand, with legs and poles fully extended, over 8 feet tall.
3. LENTRY UNIT shall have three independently adjustable, outward curving, powder-coated legs made of solid aluminum, which:
 - Allow the unit to rise eleven inches above the ground in order for the generator to be level and raised above sand, snow, and water;
 - Allow the unit to be placed on stairs or uneven ground;
 - Allow the unit to straddle ground debris; and
 - Protect the generator and keep it up off the ground, even when retracted.
4. LENTRY UNIT shall include two LENTRY V-Spec LED light heads which shall:
 - Produce 28,000 lumens of lights while using only 336 watts of power each (56,000 lumens using 672 watts total);
 - Be equipped with Quick Release hardware to allow fast and easy connection and separation of the lights from the telescoping poles;
 - Each weigh less than 11 lbs. and measure 14.75 inches high x 14.5 inches wide x 3.5 inches deep; and
 - Be able to tip forward and back, without repositioning the generator, to aim at the ground or sky and rotate more than 360 degrees for side-to-side aiming.
5. LENTRY UNIT's telescoping poles, identified as XT height, shall:
 - Be detachable from the generator portion of the system by turning a knob on the frame;
 - Retract (shorten) to 44 inches and extend (lengthen) to 83.75 inches (not including the light head); and
 - Have a twist-lock mechanism allowing the pole to be locked at any length in between the retracted and extended lengths.
6. LENTRY UNIT's power supply shall be a gasoline powered generator with inverter technology for fuel efficiency, super-quiet operation, and computer-safe power. The generator shall:
 - Have a rated wattage of 900W (7.5A) and maximum wattage of 1000W (8.3A);
 - Power two 336W lights for 4.5 hours on a 0.6-gal tank of gas;



LENTRY LIGHT SYSTEM Model 1SPECXX-C includes a Case, shown below, to hold the LED light heads.



1SPECXX-C includes this Case, which holds the two light heads.



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- Feature 15A 125V duplex receptacles, NEMA plug 5-15P; and
 - Not exceed 50 dB(A) at rated load and 42 dB(A) at ¼ load.
7. LENTRY UNIT shall include one injection molded plastic LENTRY® V-Spec Series Case C3422 to hold and protect the two light heads. Case shall:
- Be made in the USA of extreme-duty polypropylene copolymer resin;
 - Measure 22 x 33.5 x 13 inches;
 - Meet military standards for protection against air, water, theft and impacts (MIL-STD-810G);
 - Have polyethylene closed-cell inner foam, cut exactly to fit the two V-Spec LED light heads, which will not disintegrate with sun or water and will protect and cushion the lights and provide extra energy/shock absorption;
 - Be submersible, water-tight, and dust-proof; and
 - Feature two-step latches, multiple points for padlocks, and multiple recessed handles.
8. LENTRY UNIT, without the lights or poles attached and not including the case, shall be capable of fitting in a 21 inches high x 14.75 inches wide x 24 inches deep compartment and weigh less than 42 lbs., not including fuel and oil.
9. LENTRY UNIT shall be covered by warranties of:
- 1 years on the generator;
 - 5 years on the light head;
 - Lifetime on the case; and
 - 5 years on other components, workmanship, and materials.
10. LENTRY UNIT shall be available with these optional accessories:
- Digital Tiny Tach™ combination tachometer and hour meter, which tracks RPM and total hours.
 - Quick Release, which allows easy connect/disconnect of light from pole without tools.