



VENTRY SOLUTIONS, INC.

14128 N Hauser Lake Rd

Hauser, ID 83854-5619

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BID SPECIFICATIONS LENTRY® PORTABLE LIGHT SYSTEM Model 2TWSPX-C

1. LENTRY® PORTABLE LIGHT Model 2TWSPX-C incorporates one all-terrain three-legged LENTRY Frame (US patent D684,309), one Honda® EU-series generator, one telescoping pole, a 2-Headed LED light head, and a case in which to store the light head.
2. LENTRY UNIT shall stand, with legs and pole 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 twelve 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 the LENTRY® 2-Headed LED light head which consists of two high-output LENTRY V-Spec LEDs mounted to a single horizontal bar, collectively called “the light.” The light shall:
 - Produce 28,000 lumens from each of the two LED heads and use only 336 watts each, together totaling 56,000 lumens and drawing 672 watts;
 - Be equipped with Quick Release hardware to allow fast and easy separation (and reconnection) of the light from the telescoping pole;
 - Weigh less than 23 lbs. and measure 18 inches high x 30 inches wide x 5.75 inches deep;
 - Allow each of the two LED heads to operate independently, to tip forward and back, to aim at the ground or sky, and to rotate more than 360 degrees for side-to-side aiming; and
 - Have separate on/off switches for each LED head but one cord to run both, leaving one of the generator’s two receptacles free.
5. LENTRY UNIT’s telescoping pole, 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 1800W (15A) and maximum wattage of 2200W (18.3A);
 - Power two 336 watt lights for 7.1 hours on a 0.95-gallon tank of gas;





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- Feature 20A 125V duplex receptacles, NEMA plug 5-20P; and
 - Not exceed 57 dB at rated load and 48 dB at ¼ load.
7. LENTRY UNIT shall come with an injection molded plastic LENTRY® V-Spec Series Case C3422 to hold and protect the light head. 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 2-Headed LED light head, which will not disintegrate with sun or water and will protect and cushion the light 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 light head or pole attached and not including the case, shall be capable of fitting in a 21 inches high x 14.75 inches wide x 27.25 inches deep compartment and weigh less than 59 lbs. (without fuel and oil).
 9. LENTRY UNIT shall be covered by warranties of:
 - 3 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 the optional Digital Tiny Tach™ combination tachometer and hour meter, which tracks RPM and total hours.
 11. LENTRY UNIT shall be available with, as an upgrade, an alternative V-Spec Series Case that will hold both the 2-Headed V-Spec LED light head and the telescoping pole.