

## **Beaufort National Cemetery Level-Lift Utility Vehicle Replacement Statement of Work**

### **Scope:**

To fulfill our mission requirements, Beaufort National Cemetery requires level-lift utility vehicles (Hustler MDV or equivalent) with the following specifications:

- Engine—Kohler Diesel 23.4 horsepower
- Vehicle Dimensions:
  - 128.2" Length
  - 78" Width
  - 61.75" Height
  - 82.5" Wheel Base
- Drive Train--2WD/AWD
- Gear Selection—HI/LO/Neutral/Reverse
- Brakes—4 Wheel Hydraulic Disc
- Suspension—Front Wheel Independent Flex Swing Arm
- Rear—Floating Rear with Coil Over
- Fuel Capacity—14 Gallons
- Towing Capacity—1650 lbs.
- Cargo Capacity—1200 lbs
- Lifting Capacity—750 lbs.
- Ground Speed—top speed 37 mph.
- Power Steering—standard
- Electrical—12v system/65 amps
- Covered Cab
- Front Windshield
- Level lift w/dump bed
- Hitch kit
- Skid protection kit
- Headlights
- Tail Lights
- Brake Lights
- Blinkers
- Horn
- Driver/Passenger Side Mirrors
- 2-year warranty for machine, 3-year warranty for engine

### Cost Schedule:

CLIN	ITEM	EST QTY	UNIT	UNIT PRICE	TOTAL PRICE
001	Diesel 23.4hp 2WD/AWD Level Lift Utility Vehicle (Hustler MDV or equivalent)	3	Each		
002	Roof Kit	3	Each		
003	Front Tilt Window Kit	3	Each		

004	Rear Sliding Window Kit	3	Each		
005	Rear Hitch Kit	3	Each		
006	Skid Protection Kit	3	Each		
			<b>Total:</b>		

**Maintenance:** We do not have maintenance shop with a mechanic on duty so having a warranty with the vendor who can supply parts is essential and much more cost effective. Local parts and service support would be provided by the Hustler dealer. There would be reduced turnaround on maintenance and parts.

**Justification:** The utility vehicles will replace the club cars currently in use for burial operations at the cemetery. While many are 15+ years old, some of these club cars are inoperable; and all are years past their service life, have limited operational and carry/tow capacity, require excessive maintenance to keep them running, and require power sources to recharge batteries. The club cars have been in use since long before the cemetery expanded nine years ago.

**Conclusion:** The new diesel utility vehicles are far more suited to burial operations in an expanded cemetery. Primarily, the Hustler MDV level-lift offers a unique ability in the form of a hydraulic lift on the bed. This lift can be lowered to the ground and raised again, allowing such heavy items as power tampers or 240-pound headstones to be loaded or unloaded with relative ease by personnel. This method will greatly reduce chance of employee injury and damage to equipment and headstones, and provide a safer and more dignified method of conducting work in burial sections. The Hustler MDV can also transport much more weight in cargo, equipment, tools, headstones, dirt, and spoils. The Hustler MDV offers a total payload of 1,685 pounds and driving speed up to 37 mph, plus its ability to travel across cemetery terrain without causing damage to the turf, makes it extremely versatile for moving cargo, equipment, and personnel to any cemetery site. The compact design along with the powerful 23.4 horsepower engine allows the MDV to access any portion of the cemetery, including all burial sections and spoils area, and provide the power and agility needed to maneuver inside on any terrain. As our cemetery's burial rate and operational tempo increases the need for us to increase the capacity of our equipment in order to increase the efficiency and speed of interment operations.