

Rescue Truck Replacement Project



The Current Rescue Truck

- Insufficient weight capacity to carry critical equipment and volunteers for emergency response
- Lacks solar generation capacity, so engine must run for hours, while parked, to power all electrical systems.
- 16 years old, 83,000 hard miles across the entire truck, leading to significant repairs.



The New Rescue Truck

- **Sufficient weight capacity** for equipment and volunteers.
- **Onboard Solar Generator** will save fuel and reduce emissions from continuous engine operation.
- **Modular storage and organization** to easily access critical equipment, can be adapted to future vehicles based on need.



Key Components of Rescue Truck Replacement



Line Item	Description	Details	ROM Cost
1	Truck	Ford F250 XLT	\$70,000.00
2	Flat Bed and Box	MITS Alloy	\$30,000.00
3	Power System	Redarch or Victron Inverter converter, Battery and Solar	\$10,000.00
4	Radios	3x Icom 7510 (dual head ~2500) 6x handhelds and chargers (~1000)	\$15,000.00
5	Vehicle Wrap	Graphics	\$7,000.00
6	Vehicle Exterior Lighting	Baja designs and Fenix strobes	\$5,000.00
7	Storage Solution	Custom 8020 racking and shelves	\$4,000.00
8	Mobile Internet	In-motion Starlink	\$3,000.00
9	Vehicle Recovery Gear	Kinetic Strap and soft shackles	\$400.00
10	Snowshoes	6 sets 250 ea	\$1,500.00
12	Air compressor	air up vehicle and litter tires	\$600.00

Item 1 – Ford F250



- 2024 Ford F250 4x4
- Off-road capable to support remote mission locations and winter conditions
- Payload capability to facilitate gear and team transport safely



Estimated Cost \$70,000

Item 2 – MITS Alloy Tray and Box

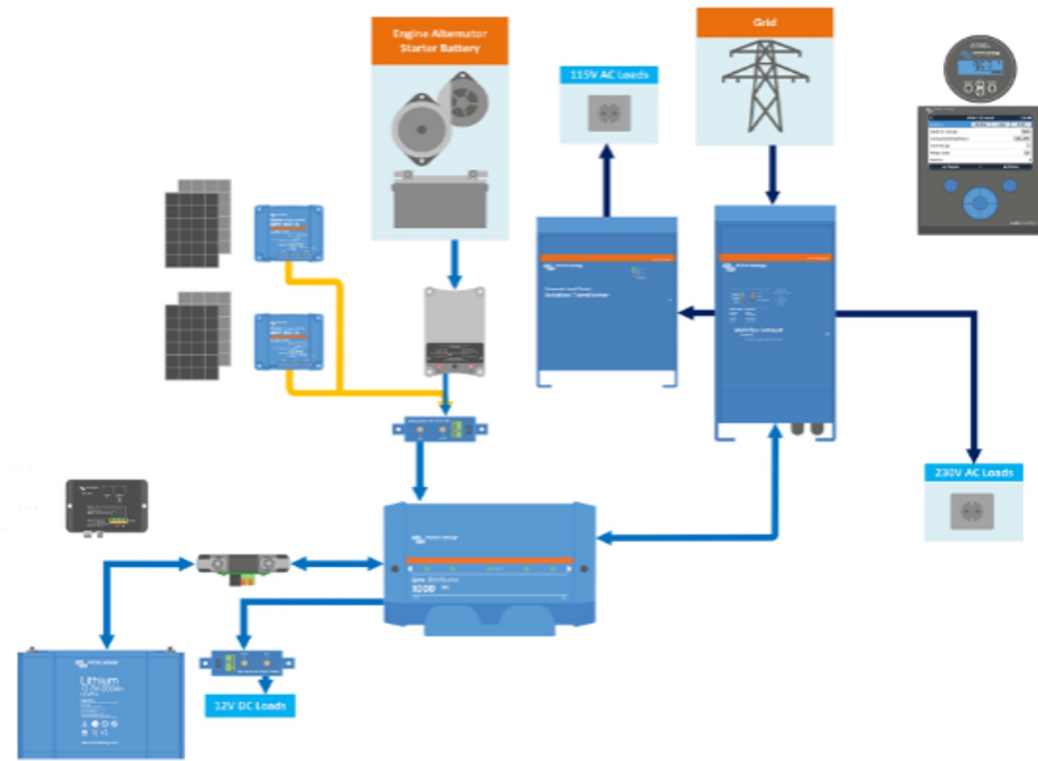
- The right gear in the right place, easily accessible for all team members
- Light weight aluminum storage solution
- Off-road designed and tested



Estimated Cost \$30,000

Item 3 – Power System

- Off Grid power system to support long operational periods
- Vehicle and Scene Lighting
- Solar recharging
- Inverter for charging, radio communication, mapping, printing, and internet.



Estimated Cost \$10,000

Item 4 – VHF Mobile and Handheld Radios

- Communication is essential to SAR operations
- 3 x Icom 7510 Mobile Radios
- 6 x Icom 7010 Handheld

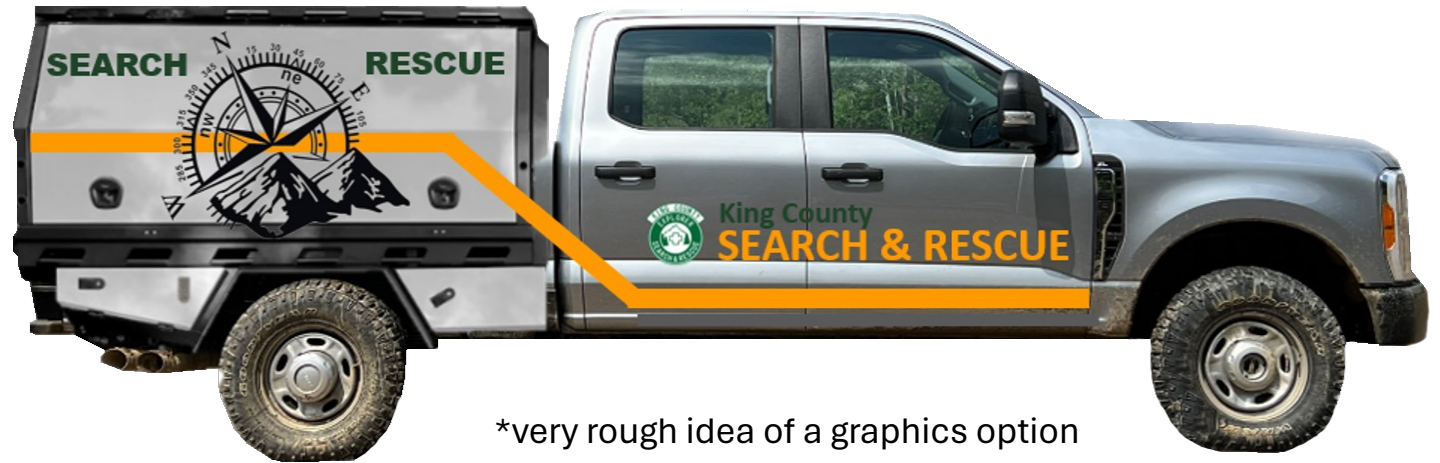


Estimated Cost \$15,000



Item 5 – Vehicle Graphics

- Vehicle Graphic Wrap to identify as a Search & Rescue Vehicle and support the vision and mission of KCESAR.



*very rough idea of a graphics option

Estimated Cost \$7,000



Thank you for your support!