



# ***TRIVAN TRUCK BODY, LLC***

**1385 West Smith Road, Ferndale, WA 98248 Ph # 360-380-0773**

El Dorado County Sheriff's Office  
Attention: Sergeant Anthony Prencipe  
Re: Sole Source Justification, Bomb Truck Manufacturer

January 8, 2019

Dear Anthony,

TriVan Truck Body LLC (DUNS 135614993) of Ferndale Washington, has presented El Dorado County Sheriff's Office with a fixed firm price quotation to design, engineer, manufacture, install & deliver (1) specialty aluminum truck body for El Dorado County's Bomb Squad. This department serves the entire county, and this specialized vehicle needs to be capable of traveling through a variety of different landscapes, in a wide range of temperatures and environmental conditions, including many rugged roads in remote locations. Such locations will require a robust vehicle that can operate safely on unpaved roads or off road.

TriVan Truck Body has been identified as a vendor that has extensive experience engineering, testing & building custom EOD bodies and emergency response bodies for law enforcement agencies across the U.S. One of the unique design features required in this custom 16 foot bomb squad body is the capability of securely storing two bomb robots (A 200lb Telemax and a 500lb F6A) in a drop-pod area (drop-floor design) within the body. This drop-pod storage area is accessed via a heavy-duty aluminum drop-ramp door custom designed to carry 1000+ pounds. Such a drop-pod design is necessary as it lowers the center of gravity of the vehicle (important especially when these 2 heavy robots are being transported in the truck. The drop pod design floor is approx 14" to 16" lower than the floors of standard non-custom bodies). This is especially important for safety & vehicular stability when transporting heavy objects (700+ pounds) over roads that can be off road and very rough. TriVan is the only known manufacturer in the USA that offers the drop-floor design for this application. This single vendor possesses unique technical qualifications for the drop-pod, the custom ramp door and the custom mount system for off-road application. TriVan bodies have undergone rigorous testing for FMVSS-220 and AMD requirements. The learning curve to bring on a new contractor would result in significant financial risk, delay of project time frame, while not guaranteeing the same level of engineering expertise as the current vendor, TriVan Truck Body, that has been part of discussions thus far.

While there are other manufacturers in the USA of custom law enforcement vehicles, none offer this custom engineered design. In addition to the custom design offering, TriVan's construction system is proprietary. They use an extruded aluminum interlocking "Snap Lock" wall panel system to construct the exterior walls of its truck bodies and trailers. This interlocking extruded panel is 12" wide and almost .100" (1/10 of an inch) thick and forms a vertical rib/stiffener (like a stud in a house) every 12" when each wall panel snaps together. When the panels snap together side by side, a rivet-free & puncture resistant exterior skin is formed that is super tough, robust and scratch/impact resistant. On the outside, the finish is smooth (no rivets or bumps) and is great for decals and vinyl wraps/logos. The inner studs (that are every 12") form a superior anchoring point for interior furnishings such as desks, overhead cabinets, cargo netting and provide space for insulation. If the panels get damaged, they are weldable (that's how thick

the skin is) and can be individually cut out (no need to replace an entire sidewall). The Snap Lock Panel system of body construction is unique to TriVan who is the only provider of this proprietary system. The Snap Lock bodies by TriVan have been tested & proven in some of the world's toughest environments (Alaska oil field work, hundreds of van bodies are in use there since 2004) and California wildfires (California Conservation Corps crew carrier trucks and CAL FIRE rigs) and everything in between. TriVan is the ONLY company that offers this robust system of construction an aluminum truck body with a smooth outer skin system and vertical integral posts on the inside every 12".

In addition to being a recognized supplier of quality customized specialty vehicles (other local customers include Shasta County Sheriff in Redding CA, CAL FIRE, Kern County Sheriff, Brentwood Police, The California Conservation Corps, Sacramento County and the American Red Cross) TriVan Truck Body is unique in that it offers a network of authorized warranty outlets (for service & repair of their bodies, should that be necessary) in 12 California locations, including Sacramento & Davis.

TriVan demonstrates familiarity with the design & engineering requirements of specialty vehicles, including all aspects of 12V and 120V electrical, insulation, generator power systems, interior aluminum cabinetry, exterior storage compartments, spring-mounting of the body and all aspects of AutoCad design. The El Dorado vehicle requires a vendor with experience and a proven track record in all of these areas.

No other suppliers will satisfy El Dorado County Sheriffs Office requirements. This custom body is only available from one vendor and that is TriVan Truck Body.

Best regards,

Ryan Vandriel  
TriVan Truck Body LLC  
1385 West Smith Road  
Ferndale WA 98248