



GOODHUE COUNTY MINNESOTA

TO EFFECTIVELY PROMOTE THE SAFETY, HEALTH, AND WELL-BEING OF OUR RESIDENTS

COMMITTEE OF THE WHOLE AGENDA

COUNTY BOARD ROOM
GOVERNMENT CENTER
RED WING, MN

APRIL 5, 2022
8:30 A.M.

Virtual Meeting Notice

Due to concerns surrounding the spread of COVID-19, it has been determined that in-person meetings or meetings conducted under Minn. Stat. 13D.02 a are not practical or prudent. Therefore, meetings that are governed by the Open Meeting Law will temporarily be conducted by telephone or other electronic means pursuant to Minn. Stat. 13D.021.

The Goodhue County Board of Commissioners will be conducting a Committee of the Whole meeting pursuant to this section on April 5, 2022 at 8:30 a.m. in the County Board Room. The County Administrator and/or County Attorney will be present at the meeting location. All County Commissioners attending will appear by telephone or other electronic means. The public may monitor the meeting from a remote site by logging into <https://global.gotomeeting.com/join/891586837> or calling 1 866 899 4679 OR 1 571 317 3116 any time during the meeting.

Access Code: 891-586-837

1. Sheriff Mobile Command & Communications Vehicle

Documents:

[Mobile Command and Communications Vehicle Power Point.pdf](#)

Mobile Command & Communications Vehicle

Goodhue County Committee of the Whole

Presented by:

Captain Chad Steffen



SHERIFF
GOODHUE COUNTY

What is a Mobile Command & Communications Vehicle?

- Mobile command vehicles vary in length from 18 - 45 feet. Typically walk-in style or a combination of walk-in and walk-around styles. Some include one, two, three, or even four slide-out command walls for more interior floor space.
- As the name suggests, a mobile command vehicle is used as a main workspace with computers, radios, maps, and necessary paperwork for the incident commander to manage the scene of an emergency.
- Inside, they are outfitted with a variety of technologies, including cellular and satellite data connectivity, multiple interoperable communication systems and video teleconferencing services.

Crime Labs, Bomb Units, On-Scene Tactical Communications,
Large Event Security, Long-Term Surveillance,
Search & Rescue, Shelter, Safe Environment for
Incident Commanders & Elected Leaders



What is a Mobile Command & Communications Vehicle?



What is a Mobile Command & Communications Vehicle?



Incident Command Posts of Red Wing PD & Pierce County Sheriff's Office during an HSEM, FEMA, PINGP Exercise & Drill.



What does the Sheriff have today?



2005 Pace American
Shadow Trailer
Tandem Axle, 12k GVW

Custom Converted into make
shift Incident Command
Trailer

Originally Purchased
12/1/2004



What does the Sheriff have today? Pros/Cons

Trailer Mobile Command Advantages

It's here, today, and paid for

No Engine to Maintain

It's in relatively Good Condition

Easy to Hook Up

Could transport small ATV



What does the Sheriff have today? Pros/Cons

Trailer Mobile Command Disadvantages

It's Heavy – Requires 1-Ton Truck

Limited Workspace

Generator Capacity Unable to Handle New Technologies
& Limited Fuel

Overall Maintenance of Unit Expensive

No Interoperable Communications Equipment

Lack of Network Cabling/Setup



Why is a Mobile Command & Communications Vehicle (MCCV) Necessary?

- A flexible, updated, modern and current asset for emergency responses
- On-Scene, All-Hazards, Incident Command & Control Post
- Deployable Emergency Communications Unit (COMU)
- Expanded Response Efficiency to PINGP
- Deploy-ability as an alternate 9-1-1 PSAP
- Deploy-ability as an alternate County Emergency Operations Center (EOC)
- Deploy-ability of additional resources/staff to the support primary ones (EOC & PSAP)
- Port Security Responses – Area Maritime Security Plan w/USCG
- Regional Responses - that could ultimately affect our county and our citizens



Goals of a new Mobile Command & Communications Vehicle (MCCV)

- Drivable (1 staff member to deploy)
- Easy to Operate
- Rapidly Deployable – In a Constant State of Readiness
- A Large Floor Plan for Unified Command Meetings
- Lifespan of 20-30 years
- Updatable (technologies, cabling, etc.)
- Fuel Consistency (for vehicle and generator engine)



Goals of a new Mobile Command & Communications Vehicle (MCCV)

- Self-Sufficient for up to at least 1-week or more
- Disaster/Catastrophe Response Abilities
 - Severe Weather, Radiological Threat, Cyber attacks, Pandemic Response(s), Maritime/Waterway Disasters (flooding), etc.
- Fully equipped with necessary technologies
 - Cellular & Satellite Phones
 - Interoperable Radio Communication Systems
 - Localized Area Network (LAN) with dual-cellular ISPs (Verizon & FirstNet)
 - Local PC Workstations
 - Local Television Access
 - 9-1-1 Backup PSAP Equipment & Systems
 - Positions for up to four 9-1-1 telecommunicators
 - Video Surveillance Capability
 - County VoIP Phone Capability*
 - County Enterprise Network Capability*



Proposed MCCV

- In 2020, Sheriff Kelly authorized Capt. Steffen to begin research and gather specifications on a new Mobile Command & Communications Vehicle (MCCV)
- Was referred to LDV Custom Specialty Vehicles by several MN agencies
 - <https://www.ldvusa.com/>
- LDV is a HGAC Bid Company
- Reviewed Floor Plans & Existing Builds
- Reviewed Draft Specifications



<https://www.ldvusa.com/truck/white-plains-police-department-ny-mobile-command-center>

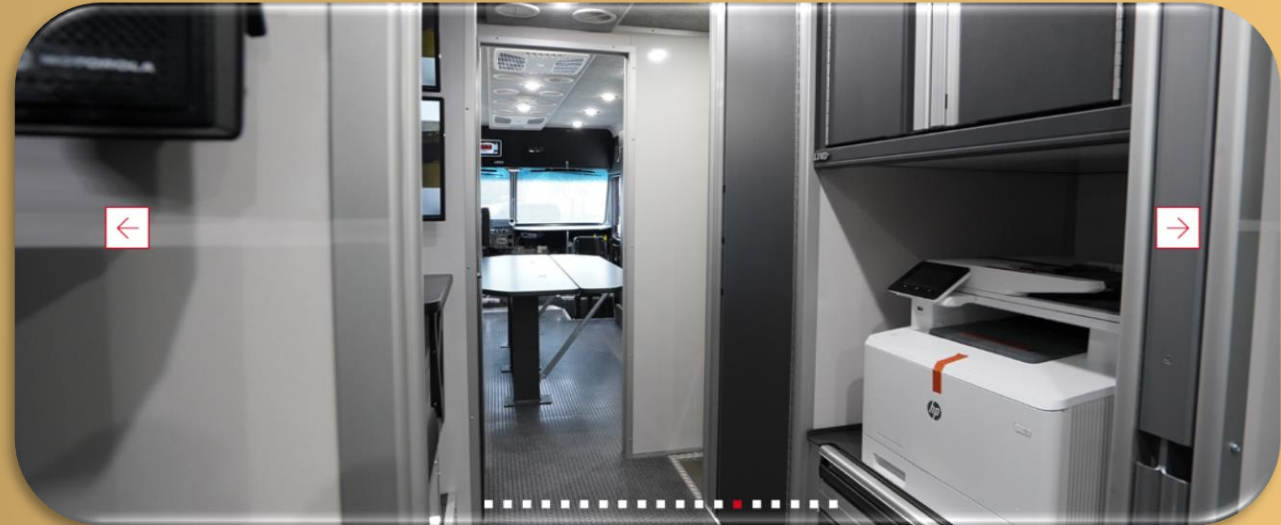


Proposed MCCV

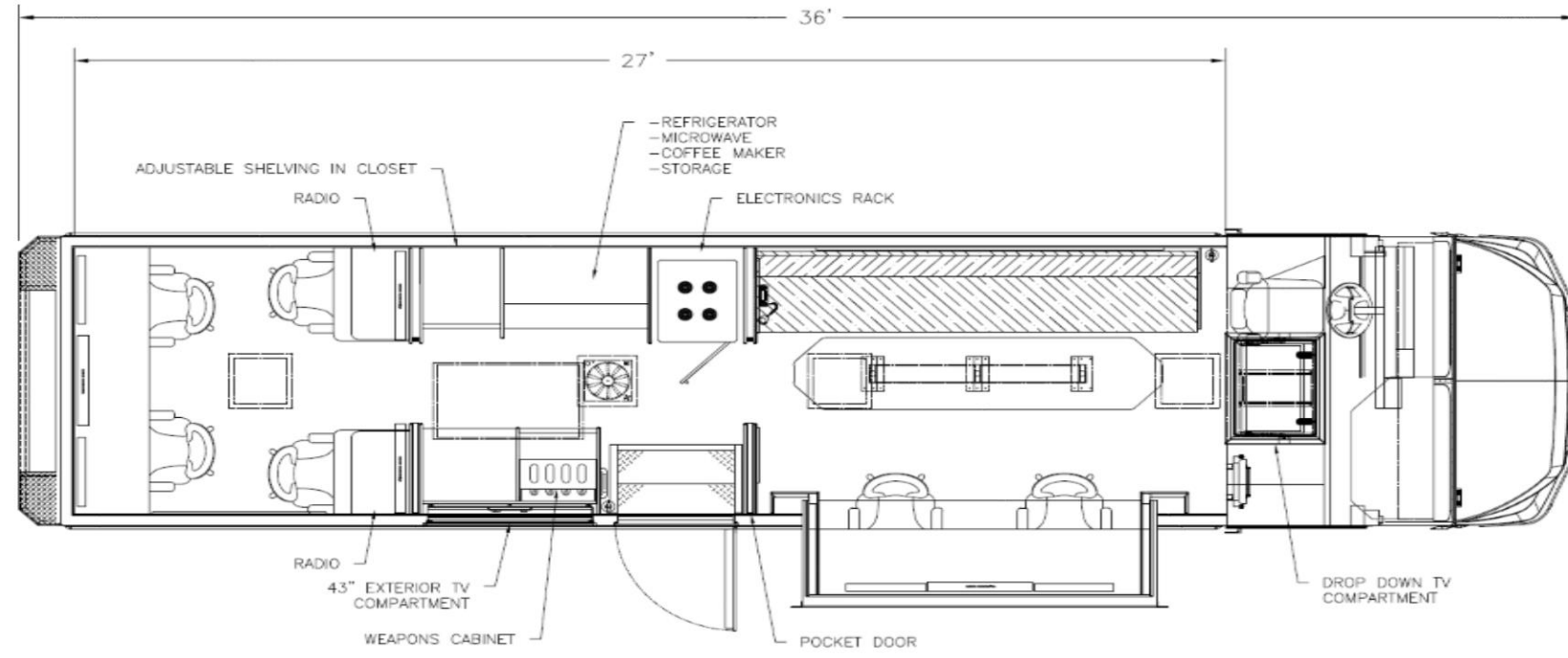
- Mirrored White Plains Department of Public Safety
- 26' Walk-in Van
- Freightliner MT-55 Chassis
- Cummins B6 Engine
- Allison Automatic Transmission
- 20-kW 120/240Vac Diesel Generator
- Intel-I-Touch Vehicle Automation Control System



Proposed MCCV



Proposed MCCV



FLOOR PLAN



120 VAC	HDMI PORT	SURVEILLANCE CAMERA	POWER ROOF VENT
120 VAC WITH DUAL USB PORTS	VGA PORT	EXTERIOR 120 VAC G.F.I.	
120 VAC G.F.I.	DB9 JACK	CO/SMOKE DETECTOR	
INVERTER	DB15 JACK	SPEAKER	
12 VDC	SPEAKER VOLUME		
SPARE PLATE	TV ANTENNA		
45 NETWORK JACK	SWITCH		
TELEPHONE JACK			

SOME ITEMS SHOWN MAY BE CUSTOMER SUPPLIED OR OPTIONAL REFER TO SPECIFICATIONS FOR DETAILS.

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REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	REMOVE WORKSTATION, ADD GALLEY, CHANGES TO TVSL RADIOS	10.13.20	MAF
2	CHANGES TO GALLEY, STORAGE, WORKSTATION ELECTRONICS	10.22.20	MAF
3	UPDATED TV'S AND ADDED DROP DOWN TV	03.21.22	JUL
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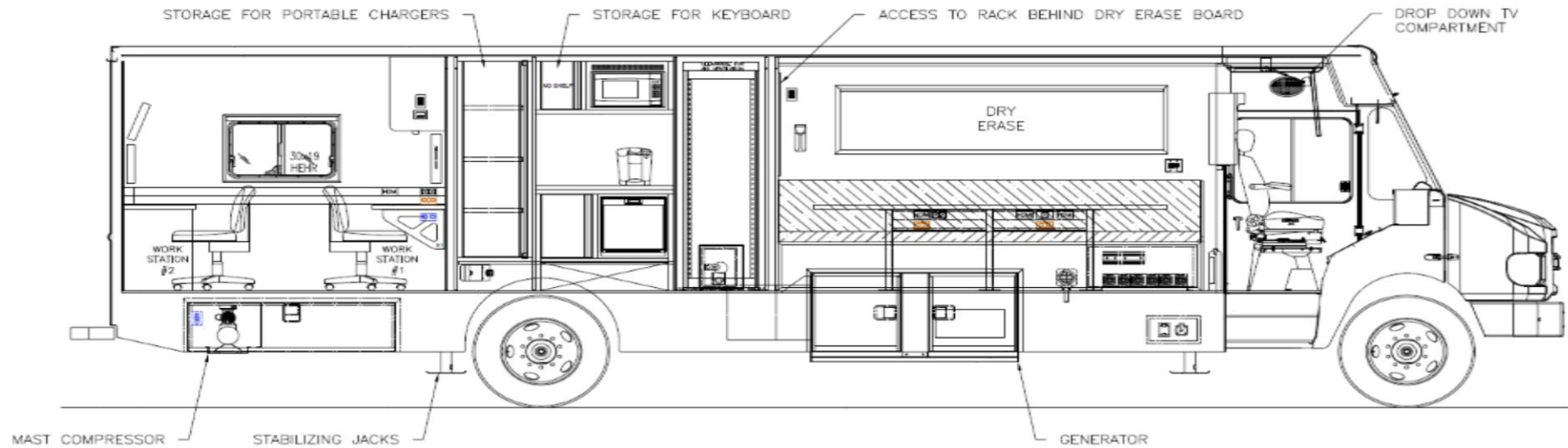


GOODHUE COUNTY SHERIFF (M)
S36MCC-34732-20

DRAWN BY M.FAMIC	DATE 10.07.20	SCALE 1/4" = 1'
PROJECT MGR. DATE	DATE	DATE
DRAWING REVISIONS DATE		



Proposed MCCV



STREET SIDE



- 120 VAC
- 120 VAC WITH DUAL USB PORTS
- 120 VAC G.F.I.
- INVERTER
- 12 VDC
- SPARE PLATE
- 45 NETWORK JACK
- TELEPHONE JACK

- HDMI PORT
- VGA PORT
- DB9 JACK
- DB15 JACK
- SPEAKER VOLUME
- TV ANTENNA
- SWITCH

- SURVEILLANCE CAMERA
- EXTERIOR 120 VAC G.F.I.
- CO/SMOKE DETECTOR
- SPEAKER

- POWER ROOF VENT

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2	CHANGES TO GALLEY, STORAGE, WORKSTATION ELECTRONICS	10.22.20	MAF
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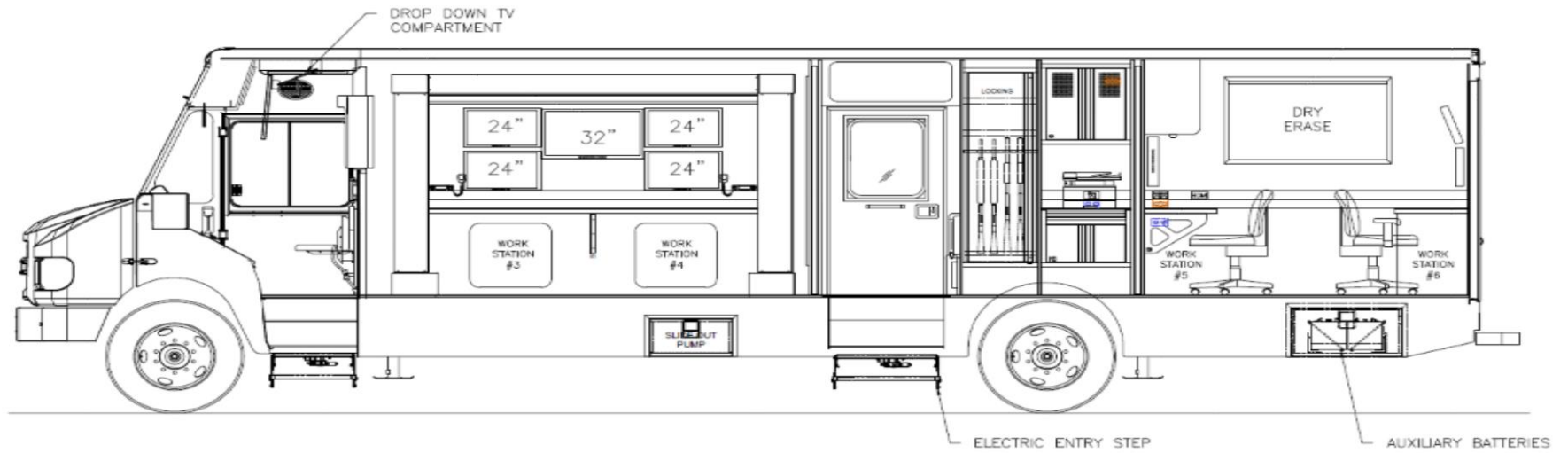


GOODHUE COUNTY SHERIFF (M)
S.36MCC-34732-20

DRAWN BY	DATE	SCALE
PROJECT MGR	DATE	DWG. TITLE
DRAWING REPRESENTS		DATE
SHEET		



Proposed MCCV



CURB SIDE



- 120 VAC
- 120 VAC WITH DUAL USB PORTS
- 120 VAC G.F.I.
- INVERTER
- 12 VDC
- SPARE PLATE
- 45 NETWORK JACK
- TELEPHONE JACK

- HDMI PORT
- VGA PORT
- DB9 JACK
- DB15 JACK
- SPEAKER VOLUME
- TV ANTENNA
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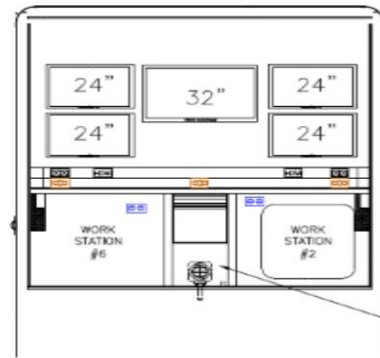


GOODHUE COUNTY SHERIFF (M)
S36MCC-34732-20

DRAWN BY	DATE	SCALE
IN EXAMINE	11.07.20	1/4" = 1'
PROJECT MGR.	DATE	DATE: TYP.
DRAWING REFERENCE	SALES	

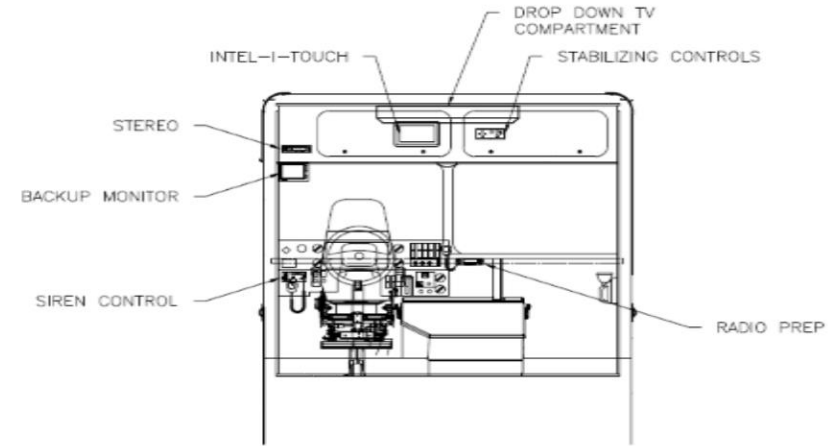


Proposed MCCV



DIESEL FIRED HEATER

REAR



FRONT



120 VAC	HDMI PORT	SURVEILLANCE CAMERA
120 VAC WITH DUAL USB PORTS	VGA PORT	EXTERIOR 120 VAC G.F.I.
120 VAC G.F.I.	DB9 JACK	CO/SMOKE DETECTOR
INVERTER	DB15 JACK	SPEAKER
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TELEPHONE JACK		



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GOODHUE COUNTY SHERIFF (M)
S36MCC-34732-20

DESIGNED BY	DATE	SCALE
DRAWN BY	DATE	SCALE
CHECKED BY	DATE	SCALE
PROJECT MGR.	DATE	SCALE
ISSUED BY	DATE	SCALE
ISSUED BY	DATE	SCALE



Proposed MCCV – 2022 Updated Procurement Costs

Total as specified	\$680,632.00
Discount Amount	-\$49,006.00
HGAC Total	\$631,626.00

HGAC Contract Admin Fee	\$1,000.00
HGAC Discounted Total	\$632,626.00

<i>6 All Band Radios*</i>	<i>\$45,100.00</i>
<i>4 Desktop PCs*</i>	<i>\$8,000.00</i>
<i>Network Equipment*</i>	<i>\$2,000.00</i>

TOTAL:	\$687,726.00**
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**Possible E911 Funded*

***Board letter requesting approval to file for grant*

Proposed MCCV – Funding Opportunities

U.S. Department of Homeland Security (DHS)
Port Security Grant Program (PSGP)
25% Local Match (\$171,931.50)

Possible future expenses for preventative maintenance

MN Enhanced 9-1-1 Funds

MN Statute 403

2022 Legislative Session





QUESTIONS?

Sheriff Marty Kelly

marty.Kelly@co.goodhue.mn.us

Captain Chad Steffen

Emergency Management & Communications Division

chad.steffen@co.goodhue.mn.us

651-267-2857



180 Industrial Drive
Burlington, WI 53105
800.558.5986
Fax 262.763.0156
www.ldvusa.com

March 25, 2022

We appreciate the opportunity to work with you to design & build the components for the Goodhue County Sheriff (MN) Mobile Command Center. As the design phase comes to a close, we look forward to the opportunity to move to the production phase of this project. As the leader in the industry, LDV stands ready to make this design a reality for your department.

Based on LDV's vast experience, we have built over 30,000 specialized vehicles in our over 40-year history; you may wish to consider LDV as your sole source for all of your specialized vehicle needs. A sole source relationship with LDV will allow your department to save a great deal of time and a tremendous number of resources by eliminating wasted man-hours, administrative costs and the inherent headaches involved in the bid process. Sole sourcing also ensures your department that you will be working with a high quality, reputable, market leader in LDV.

Some additional points you may wish to consider:

1. **Federal Contract** - LDV is on the General Supply Administration (GSA) Federal Supply Schedule providing nearly \$64 million worth of vehicles to hundreds of State and Federal Agencies. LDV's GSA schedule ensures our customers of a high-quality product and the best pricing available. GSA negotiates pricing at the contract level for all customers. LDV has maintained this contract since February, 1993.
2. **Experience** - LDV has been designing and building specialized vehicle interiors for over 40 years. In this time, we have delivered over 30,000 vehicles. Our reference list on mobile command/communication centers is larger than our top 10 competitors combined.
3. **Technical Expertise** – LDV's engineering staffs include degreed Electrical and Mechanical Engineers and Project Managers with an average of over 13 years of experience in this industry
4. **After Sales Service** – With such a large number of vehicles on the road, LDV has developed a vast service network. Our delivery drivers are all trained service technicians, able to troubleshoot and remedy a majority of the service issues they encounter. As LDV delivers 25 – 40 vehicles around the country each month, the likelihood of a service representative in your area on a regular basis is very high. Additionally, LDV maintains inventory of approximately 90% of your vehicle's operational components for quick service and replacement if needed. We provide technical support (at no charge) for the life of the vehicle.
5. **Superior Quality** – LDV's personnel profile includes expertise in metal fabrication, wood working, electronics installation, electrical system design and installation, heating, air conditioning and ventilation design and installation, and graphics design and installation. Having these capabilities in house allows LDV to ensure the highest levels of quality, attention to detail and an integrated, fully functional product. This also provides you with a single point of contact for any questions concerning your vehicle.
6. **Total Vehicle Life-Cycle Approach** – To ensure your vehicle remains a highly productive asset to your department for years to come, we design flexibility and upgradeability into each vehicle we produce. This allows your department to add new technology in the future with minimal disturbance to existing vehicle systems and components. LDV's Retrofit business focuses on updating the look and capabilities of vehicles that have been delivered. Many customers take advantage of our experience and knowledge of their vehicles to ensure they have the latest technological advancements throughout the vehicles' lives.
7. **Industry Innovator** – In our history, LDV has been the first to market with a number of innovations that have become standard in the industry. Examples include: vehicle platforms (e.g. walk-in vans), slide-outs, military specification wiring, mobile electronics integration, and multiplexed vehicle control systems. Working with LDV ensures your department will receive the latest proven technological innovations available in the industry.



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8. **ISO 9001:2008 CERTIFICATION**

ISO, the International Organization for Standardization, is an independent, non-governmental organization. It is the world's largest developer of voluntary standards and has developed nearly twenty thousand standards covering everything from manufactured products and technology to food safety, agriculture and healthcare. Use of the standards aids in the creation of products and services that are safe, reliable and of good quality. The standards help businesses increase productivity while minimizing errors and waste. The standards also serve to safeguard consumers and the end-users of products and services, ensuring that certified products conform to the minimum standards set internationally. LDV is the only company in the industry that has gone through the rigorous process of becoming ISO certified, thus assuring they consistently build quality vehicles.

LDV is very proactive on the design process when it comes to the major systems on board the vehicle. We have already done load calculations on the power system to determine the proper generator size, quantity of power converters and batteries specific to your vehicle needs and location/altitude it will be used in. We have also done the same calculations for the HVAC system to determine the proper size Air conditioning & heating systems.

LDV takes great pride in a long-standing reputation for exceptional after-sales support and service. LDV stands by its products and responds to service call requests 24 hours a day. With specialized technical knowledge and unmatched expertise, LDV Service Team members speak directly with clients to troubleshoot any potential problem and provide immediate solutions. If onsite emergency service is needed, LDV can have a technician at your location within 24 hours.

As you can see, a relationship with LDV provides your department with access to the industry leader in special service vehicle design and manufacturing. The benefits of working with LDV will be apparent every time you rely on this critical asset and its performance exceeds your expectations each and every time. When seconds count, you can't be doubting your equipment!

We look forward to adding you to our long list of satisfied customers throughout the world. Please feel free to contact us directly should you have any questions or need further clarification of our commitment to providing you with the highest quality, longest lasting, special service vehicle in the market today.

Nate Petersen

SSV Sales Specialist

LDV, Inc.

180 Industrial Drive

Burlington, WI 53105

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Toll Free 800-558-5986 Ext: 2523

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Email: npetersen@ldvusa.com

Website: www.ldvusa.com