How to get:

The Perfect Truck

Emergency Vehicles

. . . A guide to the truck planning, design and construction process.

Edmonton Fire Department
Hazmat - 1260
Sold by: Safetek Emergency Vehicles Ltd.
PO Date: 8/9/2022
Quoted Delivery: 650

Welcome Edmonton Fire Department to SVI Trucks:

Thank you for selecting SVI Trucks to design and build your next emergency truck. We take great pride in our people, our product, and the relationships we build with customers like you. We stake our reputation on the quality trucks we produce and yours will be no exception.

Over the years we have found that clear and open communications throughout the planning, design and construction process are critical to ensuring you receive "The Perfect Truck". This document is designed to establish these communications and explain how and why we do the things we do.

One of the most critical phases of communication is between purchase and the start of construction since this is when most information will flow between your department, SVI Trucks and the Dealer. An emergency apparatus is an extremely complex piece of equipment with many interrelated components and systems, changing one item may affect many others. Because of this, changes become much more difficult and expensive once the design package has been started.

We strongly believe that starting off the communication process on the right foot and keeping that momentum going will produce an apparatus which will serve your needs for years to come and one you will be proud to say came from SVI Trucks. We appreciate your trust in us and are looking forward to working with you and your department.

A Message from your Contract Administrator:

Congratulations on your order with SVI Trucks. We realize there are many builders to choose from and want to thank you for selecting SVI Trucks.

As Contract Administrator I will endeavor to make your experience with us as smooth as possible. I know you will find that everyone at SVI Trucks will strive to make your apparatus manufacturing process as stress free as possible. Quality and customer satisfaction are our top priorities.

In our experience, it is helpful to have the pre-construction meeting as soon as possible to prevent any delay in our engineering and production schedules. I will be contacting you or your dealer to schedule the meeting so please be prepared with available dates, personnel names and traveling preferences.

I am looking forward to working with you and as always, if you have any questions or concerns please do not hesitate to call (888) 784-1112.

Sincerely,

SVI Trucks

Contract Administrator
970-297-7026
jackies@svitrucks.com

Outline of Events

(1) Proposal Specifications and Drawings

We go to great lengths to engineer your truck proposal drawing to the maximum extent possible prior to purchase. We produce detailed and accurate 2-D AutoCAD drawings to ensure optimum layout and engineering feasibility of the truck and its various components.

(2) The Order is Received at SVI Trucks:

The contract administrator will record the order and schedule the pre-construction meeting. Your truck will receive a build number (shown on cover page of this packet) and we will lay the project timeline into the design and production schedule. Please reference this build number in all your correspondence, especially if shipping components to SVI.

(3) Pre-construction Meeting is held:

We cannot over-emphasize the importance of this phase. We will conduct a complete read through of every item in the SVI proposal specification and go through every compartment to ensure the layout is exactly as you require. We recommend you hold the pre-construction meeting at the SVI factory. You will have the advantage of 10 to 15 trucks of various types at various stages to physically look at to help verify exactly what you want and will receive, along with quick answers to technical questions.

During the meeting we will have direct engineering support to help determine fit, feasibility and optimal design for all aspects of the apparatus. We will also be updating the proposal drawing as changes are requested so that you will know on the spot what will work and what will not. When you leave you will have an updated drawing in hand. Final inspection is not the time to find if something is not going to fit. We will take every effort to ensure the apparatus is optimally designed from the start and the pre-construction meeting plays a very important role in this matter.

To make the most of this time we will need as much detailed information as possible, we have *included a form below* to assist you in this matter. **Please fill this out and return to me prior to scheduling the pre-construction meeting.** Experience has shown that digital pictures and dimensions of equipment to be stored on the truck to be extremely helpful.

Before leaving we will complete a thorough review of the proposed graphics package (if applicable). If you want SVI to re-produce graphics on existing units, please bring digital photos. SVI uses our own state-of-the-art, in-house graphics department www.svigraphics.com. A final design and layout will be provided and require a signature for approval.

(4) A Change Order is prepared:

As we go through your truck during the pre-construction meeting, we will create a change order for any requests you have. We will include all options you wish to investigate on the change order. Only the items you check yes to and sign will then become part of the production specification. Our goal is to have the change order to you within 1-2 weeks of completion of the pre-construction meeting.

(5) An Approval Package is prepared:

To prevent delays in your production schedule, we request that the pre-construction meeting change order be returned within 25 days of receipt. We will then update the production specification with the selected changes, update the sales drawing and send both back to you for your final signature. If the change order is not returned on-time, we may add production days to contract period.

These steps are necessary to ensure engineering has enough time to go through the design and prevent any delays in construction.

(6) Chassis is Ordered

We will order the cab and chassis from the chassis manufacturer. We like to have the chassis here during the design and construction phase since there are many interrelated items between the body and the chassis which we need to coordinate and plan for. Commercial chassis delivery times range from 45 – 100 days. Custom chassis delivery times range from 150 – 180 days.

(7) Autodesk Inventor 3-D Production Package

With a completed Approval Package, the Design Engineers will begin 3-D modeling of your truck. This advanced design system will produce the prints necessary for the shop floor to construct your vehicle from raw materials. When we go through this intensive design, we may find better solutions to a certain aspect of the truck and will contact you with any recommendations.

Once the production package is complete, all the parts are ordered for the completed truck and shipped here for fit and installation. Because of this, changes during this phase will become more difficult and costlier.

(8) Construction Phase

We maintain a Dropbox folder on our website of your truck, organized into sub folders as it goes through the various stages of construction. First folders to be populated will be the production specifications and drawing folders, then the cab and chassis after it arrives. As production begins the remaining folders will be populated until completion. This folder can be accessed through website at; www.svitrucks.com/trucks-in-production/ Password: mytruck

Feel free to contact your contract administrator at any time with any questions you have about your truck or the process in general. This will ensure you get your truck the way you thought it would be.

- Fabrication Subframe
- Fabrication Sheetmetal
- Paint
- Final Assembly

During construction photos are updated weekly. Note: If there is NO visible progress, photos may not be updated that week. Please be patient.

(9) Midpoint Inspection (if applicable)

We laser cut all required holes in sheet metal prior to painting for increased corrosion resistance. A midpoint inspection will allow you to verify the general equipment layout to see if any changes are required. With our 3D modeling capabilities all specified trays, shelving, tool boards, etc. are fabricated separate from truck body and are not mounted in body until after painting is completed. DO NOT expect to see these options in truck body during your midpoint inspection. The contract administrator will schedule this trip if applicable.

Note: Midpoint inspection can adversely affect production schedule if travel does not correspond with short schedule window between fabrication and paint.

(10) Truck Painted

We use the finest paint products to achieve the finest paint finish in the industry. The body is undercoated prior to being placed on the chassis to ensure 100% coverage.

(11) Electrical Wiring

We have developed a well-organized and easy to understand layout for our electrical circuits and wiring harnesses. All wires are labeled every few feet with their specific purpose and clearly explained on the as-built electrical schematics. We have designed maximum flexibility into the electrical systems with extra pre-placed wires in the wire troughs for nearly any conceivable future addition. We make access possible through well-designed access holes to facilitate any future repairs or additions. It is important that we layout electrical components to the maximum extent possible at the preconstruction meeting or pre-paint inspection to plan ahead for the wiring layout and diagrams as well as incorporate component location into the overall design.

(12) Finish Work

Fit and finish details can make the difference between an average truck and a superior one. Our skilled and experienced finish crew takes the time to make sure everything fits and functions perfectly.

(13) Lettering and Stripping

Lettering and striping will be installed per the approved layout from the pre-construction meeting.

(14) Final Inspection

If we have taken the care and time in the above steps this should be the easiest and most rewarding experience of all; the fruits of your labor. We take this opportunity to go through the specification and the truck with a fine tooth comb to make sure everything is exactly the way you expected it to be. Any issues will be documented and addressed.

(15) Warranty

Although we do not expect any issues, should something come up we are here to help. The specification will outline the warranty terms. Provided with the truck will be the warranty information for all items included in the truck. Please feel free to contact us with any questions you have.

Warranty authorization can be accomplished by calling 888-784-1112. Email at warranty@svitrucks.com. Website at; https://www.svitrucks.com/warranty/

Points of Contact (888) 784-1112:

- **President**: Ron Weinmeister (ronw@svitrucks.com)
- **Vice President Sales**: Joel Konecky (joelk@svitrucks.com)
- **Contract Administrator:** Jackie Sipes (jackies@svitrucks.com)
- **Sales Engineer:** John Baumert (johnb@svitrucks.com)
- **CAD Designer (Sales)** Ross Henrickson (rossh@svitrucks.com)
- **Engineering Manager**: Stephen Greenhagen (steveg@svitrucks.com)
- **CO North Region Sales:** Jason Kline (jasonk@svitrucks.com)
- **CO South Region Sales:** Chris Shannon (chris.shannon@svitrucks.com)
- **Wyoming Sales:** Ryan Grigg (ryang@svitrucks.com)
- **Eastern/Central Region Sales:** Dwayne Woodard (dwaynew@svitrucks.com)
- **Western/Central Region Sales:** Pete Leizer (petel@svitrucks.com)
- **HI/Canada:** Joel Konecky (joelk@svitrucks.com)
- **Inside Sales Support:** Jesse Middleton (jessem@svitrucks.com)
- **Graphics Manager**: Amy Bernhardt (amyb@svigraphics.com)

TRUCK INVENTORY DIMENSIONS

* ***Denotes Required Field***

To ensure proper fit of equipment into the apparatus **we request the following data (where applicable) be supplied to SVI trucks before scheduling the pre-construction meeting**. Experience has shown digital pictures to be extremely helpful as well.

Customer Point of Contact:_____
Customer Phone Number:_____
Customer Email: _____

Name for MCO/Title: _____
Address for MCO/Title:_____
_____

	Maximum Overall Height: **Maximum Overall Length:** **Special Approach/Departure:**		
*	**Paint Color(s): Lower:**	**Upper:**	
*	**Paint Number(s): Lower:**	**Upper:**	
SCBA Bottles			
*	Diameter:		
*	Length of bottle (with valve):		
	Manufacturer:		
	Model Number:	Pressure:	Duration:
SCBA Brackets			
*	Diameter:		
*	Length of bottle (with valve)		
	Manufacturer of Airpack:		
	Model Number of Air pack:	Pressure:	Duration:
Air Bags			
	Manufacturer:		
	Model Number:		
*	Length (inc. nipple):		
*	Width: (inc. nipple)		
*	Thickness:		
	Other items stored with air bags?		
	Stored with Plywood?		

Shoring/Struts

Manufacturer:
Model Number:
* Length:
* Diameter:
Stored with base plate?

Extrication Tools	**Cutter**	**Spreader**	**Rams**
Manufacturer:			
Model Number:			
* Dimensions:			

Fire Extinguishers

* Diameter:
* Length of extinguisher:
Manufacturer:
Model:

Ladders

Manufacturer:
Model Number:
Qty:
* Overall Height:
* Length:
* Width:

Pike Poles

Manufacturer:
Model Number:
Qty:
* Length:
* Dimensions for the end:

Backboards

Manufacturer:
Model Number:
Qty:
* Length:
* Width:
* Thickness:

Stokes Basket

Manufacturer:
Model Number:
Qty:

* Length:
* Width:
* Height:

Radios

Manufacturer:
Model Number:

* Qty:
* Preferred Location:

For ANY Customer Supplied Equipment

* Dimensions (as measured by Customer):
* Make/Model:
* Date available to ship to SVI:

Misc. Notes

Electrical Fill-In Sheet

Be prepared to answer the applicable questions below during the preconstruction meeting. This information must be detailed in the specification and sales drawing to avoid delays in electrical wiring and component mounting. Thank you for your support in this, the more we can do up front the less we have to worry about later.

1. If compressor shore power is specified. Voltage at fire station? 230 VAC or 208 VAC?

2. If 12 VDC plugs or strips specified. Locations? What do they power? When should they get power? Default specification?

3. If 12VDC scene lights specified. Default specification location and switching?

4. If 120 VAC floodlights specified. Default specification location and switching?

5. If 120 VAC outlets specified? Shore power or Generator? Default specification location?

6. If 120 VAC outlet strips specified? Shore power or Generator? Default specification location?

7. If flashlights specified. Mounting locations?

8. If spot light specified. Mounting or controllers locations?

9. If intercom system specified. Default specification location?

10. Siren mounting location? Special activation?

11. Special warning light flash patterns required?

12. If traffic advisor specified. Control location?

13. If antennas installed. Desired locations?

14. Radio charger locations?

15.