

**Questions and Clarifications SET ONE**

1. I notice on page 10 under Pump Panel you specify one Foam PRO Control; is a foam system to be included? Where are the specifications?
2. Page 13 under side lights the bid says to locate the Whelen ION lights as shown in the drawings; here are the drawings?

**ANSWER-SET ONE**

--Over sight on our part. We deleted the foam system and all of its components. So the Foam Pro control should be deleted.

The reference to the ION light position should also be deleted as we didn't include a drawing. That was part of a spec we had copied and pasted.

**Questions and Clarifications- SET TWO**

1. The RFP calls for NFPA compliance which is our standard. Generally the steps called for on page eight "Side Steps" are not NFPA compliant for a stepping surface due to the size of their foot print and surface. Our running board which also protects the cab from debris will provide NFPA 1906-15.7.1.2 compliance. Please clarify.

2. RFP states;

PUMP PANEL (equivalent or better)

A rear mount pump operator's panel will be provided. The panel will be constructed of aluminum and have a vinyl printed overlay showing in color where/what the pull controls actuate. The panel will contain the following:

- Five (5), 2.5" individual discharge gauges 0-400 psi
- Two (2) 4" Innovative Controls Master gauges
- One (1), Fire Research Tankvision water gauge
- Two (2), test ports
- One (1), panel light switch
- One (1), Foam Pro Control

This section of the RFP calls for specific discharges, however on page ten the RFP also calls for the following;

The manifold will supply (2) two 1" outlets, one for the booster reel and one for the tank fill, two 1.5" discharges for (1) one cross lay and one direct rear outlet, and one 2 ½" direct rear outlet. All discharge valves will be Elkhart Brass with remote ¼ turn handles.

a, Please provide clarification so we can provide either one or a combination of the two.

b, Foam Pro control; Please also clarify what if any foam system is to be included as there is no other mention of a foam system or tank.

### 3. Page 13, Winch

The RFP states; A 12 volt portable WARN Zeon 10-s Spydura Synthetic Rope Winch will be provided and be mounted in the front driver's side compartment on a stationary mount with fixed UMHW plastic slides.

125 ft. of cable, 5/16" diameter aircraft cable with remote control will be supplied. A Warn winch accessory bag will be included.

The Warn 10 S is a great choice in winches. They provide a 3/8" x 100' of synthetic rope for a 10,000lb rating. However the 125' of 5/16 cable is a different operation.

a, Please clarify the cable request, we could keep the synthetic choice or find a different winch to accommodate the cable request.

b, please clarify; A front winch mount receiver is requested, as we will need a place to mount the receiver and cab protection is required we suggest including a heavy duty bumper such as the Buckstop option we often use.

### 4. Page 14 calls for;

#### REFLECTIVE LETTERING AND GRAPHICS

Two (2) 22 CT Sign Gold decals shall be installed, one each side on the cab doors to match the existing fire district apparatus.

We could price more effectively if we could acquire a photo of the artwork.

Please clarify; would N. Stonington also request other lettering to be included?

### 5. Pump system.

Marco offers a pump system using the Hale AP 50 driven by the chassis PTO. The left hand PTO provides all of the power needed for the pump to be rated at 500 GPM at 150 PSI. Traditionally the left hand PTO port was not accessible in a 4x4 configuration due to the 4x4 transfer case blocking the path to the rear of the chassis. To overcome this problem Marco designed a system to run a shaft through the 4x4 transfer case, calling it LiveDrive Plus. It then powers the AP 50 mounted under the deck, between the frame rails of the chassis. The system is quiet, smooth and easy to use when in operation. Therefore we do not need an auxiliary engine, saving weight, space, maintenance and in this situation cost. The pump is shifted into gear from the driver seat. The truck is fully capable of a pump and roll operation and can be fitted with ground sweeps or other outlets controlled from the cab.

Please clarify if this would be an acceptable pump configuration.

Thank you for allowing Marco Equipment and NEFEA to be part of this request. This is the type of truck we really like to build and we believe we can provide a great solution for North Stonington VFC. Please respond at your convenience we will then turn this project over to engineering for the final polishing.

## **Answers to Questions on the RFP below-SET TWO**

1. If the Bidder feels they can substitute their compliant step in place of the step mentioned in the spec without added cost, that will be acceptable.

2. "PUMP PANEL" shall be amended to state; "Four (4), 2.5" individual discharge gauges 0-400 PSI". This will be one discharge gauge for each of the following discharges.

A- 1" Outlet for booster reel

B- 1.5" Outlet for crosslay

C- 1.5" Outlet for direct rear discharge

D- 2.5" Outlet for direct rear discharge

If the Bidder feels they can build an equivalent/better pump panel and discharge manifold without adding increased costs, this shall be acceptable and specified in their bid.

**\*\* ALL REFERENCES MADE PERTAINING TO "FOAM SYSTEM" SHALL BE DISCARDED. THERE WILL BE NO FOAM SYSTEM OR TANK INCLUDED ON THIS APPARATUS\*\***

3. Substituting the Warn 10 S winch with 100 ft of synthetic rope in place of the winch specified shall be acceptable provided no additional cost. As for the front winch mount, if a heavy duty bumper can be installed without adding extra length, that would be acceptable. However, if adding a heavy duty front bumper will add additional length to the apparatus, the front mount option will have to be deleted.

4. Attached are photos of the door decals and graphics to be installed on each door. Graphics and decals shall match current apparatus.

5. A PTO driven pump option is acceptable as long as the apparatus retains the "pump and roll" capabilities and the pump maintains or exceeds the PSI/gallon numbers as mentioned in the spec and does not add additional cost.

Any and all substitutes or variances in the submitted bid shall be specified in said bid package.

## **Question and Clarifications- SET THREE**

Will a headset/intercom system be considered for this vehicle?

## **Answers-SET THREE**

We will not be considering these units in the new apparatus.