

RFP FOR



WATER TENDER

APPARATUS

INTENT

As per the specifications provided, each manufacturer is invited to submit pricing and delivery for one (1) Water Tender Apparatus.

Bidders shall reply to the specifications on the forms supplied.

All items in these specifications must be answered indicating compliance or noncompliance. Bidders shall state "Yes" for compliance or state the deviation. Information relating to the deviation may accompany this document including a separate cover letter and shall state the page and section for ease of reference.

Each bidder shall submit a set of specifications outlining the exact vehicle proposed.

It is the intent that the specifications clearly identify the furnishing and delivery of a complete Water Tender Apparatus as specified.

Bids submitted will be reviewed and evaluated based on qualifications, bonding, quality programs, irregularities, delivery and price.

The purchaser shall be the sole determining organization as to the award of the bid, and the lowest price may not necessarily be accepted.

The Salt Spring Island Fire Department understands that all the specifications asked for in the following pages may not be possible. Where not possible we would invite the proposed bidders to formulate their best solutions for a comparable solution.

The winning bid will move to the next stage which will involve a complete tender including all specifications, terms and conditions. If both parties are unable to come to an understanding the request for proposals will be re-evaluated and another bid will be selected.

The bid shall include one (1) pre delivery apparatus inspection for two (2). Includes transportation, and accommodations.

The bid shall include apparatus delivery and all related expenses to Salt Spring Island.

Salt Spring Island Fire Department Water Tender Specifications

Chassis:

Freightliner M2 106

Tandem rear Axle Chassis

Shoreline connection, Kussmaul HO Plus Series (115 Volt)

Tire Pressure Indicators

Body:

1 full height Curb side cabinet

1 lower curbside (rear) cabinet

2 upper curb side cabinets

2 lower street side cabinets

Each compartment will have a R-O-M anodized aluminum roll-up door, door activated LED compartment lights, corrosion resistant vents, black Turtle Tile plastic dry decking, and floor drains.

Provided for the customer unit number on the street and curb side chassis fenders and rear. "305"

Door logo (SSIFR) and pin stripping

The apparatus shall not exceed the overall height of (TBD) and overall length of (TBD)

Compartment Options

Two x SCBA Brackets in Compartment

SCBA brackets, Zico model #KD-UN-6-SF, mounted in the (XX) compartment.

SCBA Wheel Well Storage Compartments

SCBA spare cylinder doors located in the rear wheel wells.

Cab:

Center console provided in the chassis cab to make available additional space for mounting of accessories and control switches. Console fabricated from vinyl laminated aluminum and custom fitted to the chassis. Top plate to be bolted on for maintenance and for adding additional items.

Communications:

CREST Motorola Astro radio (w/ remote head at pump panel)

Sigtronic head set system

Lighting:

Scene Lights both sides and back.

Rear flood lights used for spotting apparatus (Backing up)

NFPA Complaint lighting package

One (1) rear view camera system installed. Camera system includes a wide-angle rear mounted camera and 7" monitor.

Pump:

Hale MBP 1000 PTO Pump

Pump Ratings:

1000 GPM @ 150 PSI

700 GPM @ 200 PSI

500 GPM @ 250 PSI

FRC 3000 In control Pressure governor

Primer Pump Options

Rotary Vane Primer Pump

The rotary vane primer is a 12-volt electric, positive displacement, rotary vane type, oil-less primer for 20' to 30' suction lifts.

Suction Intakes

On all pumps, an intake suction relief shall be provided per NFPA 1901 standards. It will be terminated with a 2 ½" BAT male adapter.

2 ½" Gated Intakes

Each intake consists of a 2 ½ " BAT female chrome plated swivel intake located on the pump panel. The intake has a 2 ½ " valve, swivel adapter with screen, chrome plated plug and chain.

One (1) intake, street side

One (1) direct tank fill Street side

One (1) intake, curb side

Non-Gated Master Intakes

Master intakes are plumbed out both sides of the pump house and capped with a chrome long handled cap.

Two (2) 6" intakes

Plumbing & Hose:

Two (2) Hydrant fills provided at the rear of the apparatus are all equipped with an integral 30-degree elbow and a $\frac{3}{4}$ " bleeder valve. All direct fills will be equipped with a valve (butterfly for valves greater than 4"), cap, and chain. (Cap holder for 3" and below)
2 $\frac{1}{2}$ " BAT

All dump valves will be 10" square stainless steel Dump Gate style (full flow). Flip chutes and telescopic chutes to be Stainless steel.

36" telescoping chute installed in the center rear of the tank.

36" telescoping chute installed street side behind the rear axle.

36" telescoping chute installed curb side behind the rear axle

Two adjustable hydrant wrenches and two (4) spanner wrenches with holders.

Water Gauge on street side pump panel and one on rear. (1 Rear, 1 Pump Panel)

Side Control Pump Panel Discharges

Two (2) 2 $\frac{1}{2}$ " Discharge, Street Side

One (1) 2 $\frac{1}{2}$ " Discharge, Curb Side

Side Control Pump, Rear Discharge, Curb Side One (1) 2 $\frac{1}{2}$ " Discharge

Tank Fill Valve 3"

A 3" tank fill/pump re-circulating line provided from the pump to the water tank, with a 3" valve and a 3" high-pressure flexible hose.

Hose cross lay

The hose cross-lay provides an area for pre-connected hose cross-lays and/or hose storage.

The cross-lay is designed to provide drainage and ventilation to the cross lay area.

Front and rear are constructed of $\frac{3}{16}$ " aluminum.

Hose cross lay above Side Control Pump

Cross lay is pre-connected via NST swivel male gated with a ball valve.

Two (2) 1 $\frac{1}{2}$ " NST male pre-connects, 2" valve

One (1) 2 $\frac{1}{2}$ " BAT male pre-connect

Cross-Lay Options

Two Cross Lay Dividers

Hose cross-lay is equipped with two adjustable dividers constructed of $\frac{3}{16}$ " aluminum.

Cross Lay Vinyl Cover

Heavy-duty flame retardant black vinyl cover with mesh ends is supplied and custom fitted to the apparatus cross lay. The cover is attached to be secured with closure clips as required by NFPA.

Hose bed

Hose bed runs the full length and width of the tank, and is approximately 10" tall to accommodate NFPA hose loads. Accommodate 3 adjustable hose dividers.

Equipment Storage and Mounting

Two (2) hard suction trays

Fits 5"-6" Suction Hose.

2 x 6" Hard Suction (10' sections) Clear, flexible

2 x 2 1/2" Hard Suction (10' sections) Clear, flexible

Minor / Miscellaneous Equipment:

Electric Tip-down Portable Tank Carrier

- One (1) Electric portable tank carrier for loading/unloading of a folding water tank located above the catwalk and designed to fold down over the body side. (3000 gallons) (STREET SIDE)

Portable Tank

- Fol-Da-Tank® portable tank with frame. The tank liner is constructed of nylon - coated material, 23 oz. side walls and a 30 oz. floor with handles installed in the floor for ease of folding. All portable tanks will have two outlets. A 6" flange kit installed on the low side of the tank wall. The portable tank provided shall have inside pull handles and furnished with a capacity of 3000 Gallons, Aluminum Frame. (STREET SIDE)
- Keep Back 500 Feet in White reflective lettering on rear
- PVC Flexible Clear hard suction hoses
- Rear Chevron
- Two (2) Collapsible wheel chocks with brackets installed
- One Thousand (1000) feet of 4" Hi Volume Storz hose.