



## REGIONAL DISTRICT of OKANAGAN-SIMILKAMEEN



### Invitation to Tender Fire Truck

September 5, 2019

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#### GENERAL

The Regional District of Okanagan-Similkameen (RDOS) administers seven Regional Fire Services. The purpose of this Invitation to Tender is to seek bids from a qualified supplier to supply a fire truck for the Keremeos and District Volunteer Fire Department.

#### SPECIFICATIONS AND WORK

1. To include but not limited to items listed in Schedule "A"
2. Optional bid Schedule "B"

#### TENDER AND SCHEDULE

1. Provide a bid for a fire truck that includes (but not limited to) Schedule "A" and describe/list all components and specifications of the fire truck.
2. Provide a bid for items listed on Schedule "B" (optional)
3. Provide a "no later than" delivery date for the vehicle
4. Provide a date for which this bid is no longer valid

#### NO OBLIGATION TO PROCEED

Although the RDOS fully intends at this time to proceed with the purchase described in the Tender the RDOS is under no obligation to proceed with the purchase. The receipt by the RDOS of any information (including submissions, ideas, plans, drawings, models or other materials communicated or exhibited by any intended proponent, or on their behalf) shall not impose any obligations on the RDOS. There is no guarantee by the RDOS, its officers, employees or agents, that the process initiated by the issuance of this Invitation to Tender will continue, or that this Tender process will result in a purchase by the RDOS.

#### ENQUIRIES

All enquiries related to this Invitation to Tender are to be directed, in writing to the person listed below. Information obtained from any other source is not official and should not be relied upon.

Jordy Bosscha, Fire Chief  
Keremeos and District Volunteer Fire Department  
Email – [fire@nethop.net](mailto:fire@nethop.net)

## TENDER

1. The Tender shall be in Canadian Dollars and shall include all applicable taxes, including but not limited to custom duties, delivery charges and all other taxes on labour, services and equipment.
2. Bids for Schedule B will only be accepted if the proponent is also bidding on Section A.  
(To clarify, Schedule B cannot be bid on a stand alone Tender)
3. Address quotations to:

John Kurvink, Finance Manager  
Regional District of Okanagan-Similkameen  
101 Martin Street, Penticton BC  
V2A 5J9

Or

[jkurvink@rdos.bc.ca](mailto:jkurvink@rdos.bc.ca)

Envelopes or Subject lines should be clearly marked “Keremeos Fire Truck Invitation to Tender” and will be received up to and including 15:30 hrs (local time) on October 16, 2019.

The RDOS reserves the right to waive minor irregularities in or reject any or all Tenders, or accept the Tender deemed most favorable in the interest of the RD, having regard to the price, timeline, equipment and qualifications offered.

## SCHEDULE "A"

### General

- 10 foot maximum height unloaded
- Maximum length: 33 feet
- WorkSafeBC compliant
- CSA/ULC certification – fire engine status
- Deliver to Keremeos
- Indicate expected delivery date
- Full documentation, specifications, and operating manuals, 2 sets to be included
- Maintenance manual to be included including pump, 2 sets
- Truck orientation/training to be provided for up to 8 people
- Fire engine red – color to be same as current apparatus
- E151 lettering on each side of hood
- Fire department name and logo on 2 doors
- Top of cab large letters for vehicle identification from the air. Maximum size "E151"
- Reflective rear and side markings with rear being chevron yellow and red

### Truck Chassis

- 4 door cab for 5/6 people
- Single rear axle
- Cab air conditioning
- 4/5 in cab seats for SCBA
- Driver's seat air suspension system, fully adjustable
- Highly visible, extra-long seat belts
- Seat belt indicator for driver – to meet NFPA standard
- Center console in cab for storage
- Multiple interior cab lights including white and red lights
- Four Motorola XPR 6500 portable radios or equivalent with multi radio charger – supply and install in cab - check with fire department for compatibility details
- Shore power and truck power to all in cab electrical plugs for radio, flashlight, phone chargers, etc. (A/C power) as well as for USB and iPad power. All capable of charging when the truck is plugged in and when truck running, not plugged in.
- In cab: 4 Streamlight or equivalent hand lanterns mounted with chargers
- Extra electrical plug ins for phone charger or other, 6 USB plug ins for charging – all connected to off truck electrical
- In at least one cabinet (to be determined) on each side, electrical plug ins for charging, connected to shore electrical.
- Auto eject truck electrical plug in
- Mobile two way radio – provide and install – Motorola XPR or equivalent – check with fire department for compatibility details.

- Mobile truck mounted radio repeater – provide and install – Pyramid SVR250 or better
- Truck mounted cell phone booster – provide and install - Surecell SCPOLYM@-50CA or better
- Magnetic microphone mount for in cab two way radio.
- In cab iPad mount for front passenger use – provide and install
- Dash camera with high capacity long duration recording capacity to record all time truck running
- Rear back up camera for driver use
- Rear back up beeper
- High output air compressor for truck air brake system.
- Automatic tire chains (On-Spot or other to be specified)
- Chrome wheel covers (depending on availability with lug nut indicators)
- 300 hp or better
- Automatic transmission – consult with fire department for programming features
- Extra large fuel capacity for truck engine
- Pump engagement system – not manual – pneumatic / electric pump control
- Tire pressure indicating system
- Lug nut tightness indicators (may depend on type of wheel cover provided)
- Helmet and air mask holders – one for each seat
- All in cab emergency light switches to be lighted and marked, with master switch
- All in cab light switches for scene lights to be lighted and marked, with separate master switch
- All in cab light switches as well as 2 way radio to be within reach of driver and front passenger
- Scene light switches to also be available at pump panel, lighted and marked with master switch
- Ground lights
- Built in battery charger and air compressor to work from off truck electrical plug in
- Battery charge display with charging status
- All switches to be heavy duty lighted rocker switches for lighting including master
- Minimum 3 heavy duty batteries
- Truck battery charge status indicator
- Engine and transmission brake system (transmission to gear down to aid slowing)
- Easy access battery jump points
- 2 inch receiver hitches: 1 on front, 1 on rear, 1 on each side.
- Rear directional/variable amber light bar - Whelen
- Master truck electrical shut off switch on cab floor near driver door.
- All air tank drain valves to be extended outside of apparatus for ease of access and labelled appropriately.
- Dual air horns as well as electric horn
- Engine compartment light(s) with switch
- Tire valve extensions for easy access for rear inside tires
- Cab entry/exit grab handles and cab roof marker lights
- Truck tow hooks or eyes front and back firmly attached to frame
- West coast style heated rear view mirrors with 8 inch convex mirrors and down view mirrors both sides
- For consistency with our existing trucks, Freightliner truck is preferred
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## Water and Pumping

- Top mount pump panel.
- Full instrumentation for all outlet lines, truck engine information, etc
- Large diameter pump water recirculation system for use when pump engaged but not flowing water.
- Pump outlet line pressure balancing system
- Driver/Pump operator **wireless** radio headset/mic - all weather and waterproof, with storage location with charger. To be charged in truck storage location with truck shore electrical connection. Specify recommended brand and model.
- Pump panel 2 way radio speaker with on/off/volume switch
- Pump panel lighting with separate switch
- Lighted steps to pump panel.
- Minimum 1250 gpm pump – preference to Waterous or Hale
- Heated pump area with on/off fan switch and easily removable belly pans
- Clearly marked and easy access drains for all areas of pump to completely drain pump including master.
- Minimum 1000 gallon water tank but more if possible
- Water tank water level gauge at pump panel and rear of truck (for filling from rear)
- Build in foam in water system for 2 - 1 ½ inch pre-connect lines. Quote options available.
- Hose reel line 200 foot, 1 inch hard hose.
- 2 - 1 ½ inch preconnect cross/speed lay trays for use either side, ergonomically positioned
- 2 - 2 ½ inch discharges, 1 each side
- 2 – 4 inch discharges, 1 each side
- - 2 ½ inch discharge rear
- - 4 inch stortz suction lines, 1 each side, gated with pressure relief valves.
- - 2 ½ inch suction lines, 1 each side
- 1 - 4 inch stortz direct tank fill line rear with butterfly valve
- 1 - 2 ½ inch direct fill line rear
- Hard suction hose storage – 2 – 4 inch - 10 foot stortz – to be included.
- Water monitor near center of truck – removable nozzle with base and multiple tips for straight and variable flows. To be included.

## Truck Body

- Roll-up cabinet doors
- Yellow inside cabinets
- Ladder racks – 1 - 12 foot ladder, 1 - 2 stage 24 foot ladder – include ladders
- Ladders on appropriate racks at height for easy removal
- Attic ladder storage – include ladder
- Pike pole storage – long and short – include pike poles
- SCBA bottle storage – 8 minimum
- Minimum 2 SCBA unit storage in cabinet
- Scene lights (LED) on truck both sides and rear – Havasheid or equivalent
- Full LED emergency lighting
- Two emergency sirens – one each side of front bumper – dual tone. Siren and controller to be 200 watt Whelen product

- Folding front bumper ends
- Storage for long tools (shovels, etc)
- Storage for chain saw and chop saw with fuel container – vented cabinet
- Storage for gas and electric positive pressure fan and fuel container – vented cabinet
- Storage for portable electric generator with fuel container – vented cabinet
- Storage for RIT pack
- Storage for set of irons
- Storage for small tools
- Covered hose bed for 500 feet of 4 inch hose, and 500 feet of 2 ½ inch hose minimum
- Hose storage for additional 8 – 50 foot - 1 ½ rolled double jacket, rubber lined hose
- Pull out cabinet trays where appropriate – builder to specify locations for final approval
- All cabinets to be lighted and door activated (LED)
- Storage for multiple axes and hydrant wrenches including stortz – at each port location
- Rear bumper mount for 4 inch stortz gated Y
- Easy, safe, secure, step or ladder access to hose bed and top storage locations.

## SCHEDULE "B"

### Optional Items to quote separate:

- Option / quote separate: options for foam system
- Option / quote separate: rear recording camera as per dash cam
- Option / quote separate: headsets connected to radio communications for all passengers in truck, in addition to driver/pump operator.
- Option / quote separate: pump temperature gauge
- Option / quote separate: thermal relief valve for pump
- Option / quote separate: front bumper 1 ½ inch trash line with 50 feet of hose storage
- Option / quote separate: set of irons in harness (Halligan tool with flat axe strapped together with carry harness)
- Quote separate 1500 gpm pump – preference to Waterous or Hale
- Quote separate, provision of all hoses
  - 15 lengths, 50 foot 1 ½ " double jacket rubber lined
  - 10 lengths, 50 foot 2 ½ " double jacket rubber lined
  - 5 lengths, 100 foot 2 ½ " double jacket rubber lined
  - 10 lengths, 50 foot 4 " stortz high volume rubber
  - 10 lengths, 100 foot 4 " stortz high volume rubber
- Option / quote separate: Scene lights to be raised at scene, near pump panel (12 v LED) – provide options including prices including full electric raise/directional control, and/or manual.
- Option / quote separate: removable tripod scene lights, mounted at rear to be used mounted or removed from truck.
- Option / quote separate: (4) Milwaukee M18 Rocket Duel Power Tower Light 2120-20 bare tool only + (6) 9 Amp batteries
- Option / quote separate: (1) Milwaukee M18 Super Sawzall 2722-21HD c/w charger and 12 Amp battery + (1) extra 12 Amp battery
- Option / quote separate: (1) Milwaukee M18 Six Pack Sequential charger 48-59-1806
- Option/quote separate: on-board electrical generator (Honda 3000 watt) to power all in cab and cabinet shore electrical power plugs when not plugged in as option, and with outlets: 2 on each side; 2 on rear, with easy access master switch and easy access breakers for all outlets. Generator start/stop/load switches in cab and at pump panel.
- Option / quote separate: 4 inch stortz hydrant gate valve with air relief and 30 deg drop
- Option / quote separate: 4 inch stortz gated Y (4 inch stortz x 3 – 2 ½ " gated discharge no relief)
- Option / quote separate: rechargeable battery operated Blow Hard PPV 22" x 22" x 10" (when folded for storage) or current model
- Option / quote separate: 5.5 hp Honda PPV 22" x 22" x 22"
- Option / quote separate: Husqvarna 353 chain saw with 18 inch bar and carbide tooth chain – or current model (include 2 spare chains)
- Option / quote separate: Husqvarna 375 chop saw with 12 inch blade or current model.
- Option / quote separate: 2 – 10 litre gas containers
- Any additional items or options that you may want to suggest.