

## ADDENDUM NO. 2 FOR ONE OR MORE FIRE APPARATUS AND EQUIPMENT

City of Cascade Locks, Oregon, Department of Fire and EMS ("Cascade Locks") hereby issues this Addendum No. 2 to the bidding documents advertised on August 23, 2008, for one or more fire apparatus and equipment. Those bidding documents and Addendum No. 1 are hereby modified by this Addendum No. 2 dated Wednesday, September 3, 2008.

I. **The following provisions of the Fire Apparatus Specifications are hereby amended to read as follows: (underlined words are added, stricken-through words are deleted)**

**CAB ENTRY DOOR TYPE** All entry doors shall be of a ~~flush~~, full height design and shall be located on the sides of the cab.

**ENGINE** The chassis shall be powered by a Cummins diesel engine as described below:

MODEL: ISL

NUMBER OF CYLINDERS: Six

BORE AND STROKE: 4.49" x 5.69"

DISPLACEMENT: 543 cu. In. (8.9L)

RATED BHP: 400 @ 2100 RPM

~~380~~ 370 @ 2200 RPM

TORQUE: 1200 @ 1300 RPM

COMPRESSION RATIO: 16.6:1

GOVERNED RPM: 2200

**FRONT WHEEL BEARING LUBRICATION** The front axle wheel bearings shall be lubricated with clear oil. ~~The oil level can be visually checked via clear inspection windows in the front axle hubs.~~

**FRONT AXLE CRAMP ANGLE** The chassis shall have a front axle cramp angle of no less than 45 ~~52~~ degrees to the left and right.

**FRONT BUMPER EXTENSION LENGTH** The front bumper shall be extended no less than 20 ~~24.00~~ inches ahead of the cab.

**CAB GLASS REAR DOOR OFFICER SIDE** The rear officer's side crew door shall include a window which is 26.00 inches wide X 31.00 inches high. This window shall have the capability to withdraw into roll down completely within the door housing. This ~~may~~ shall be accomplished either manually utilizing a crank style handle on the inside of the door or by means of a sliding window. The window shall be mounted in a black anodized aluminum frame with lower drain slots. The glass utilized for this window shall include a green automotive tint unless otherwise noted.

**CAB GLASS REAR DOOR DRIVER SIDE** The rear driver's side crew door shall include a window which shall have the capability to withdraw into roll down within the door housing. This ~~may~~ shall be accomplished either manually utilizing a crank style handle on the inside of the door or by means of a sliding window.

**CLIMATE CONTROL ACTIVATION** The heating ~~controls~~, and air conditioning if included, controls shall be located on the climate control unit, easily accessible to the driver of the apparatus.

**SWITCH PANEL CENTER** The switch panel shall include a panel with ~~six (6)~~ rocker switches to accommodate all electronic circuits.

**LIGHT BAR** A minimum ~~60~~ 76" light bar shall be provided on the front of the cab. Light bar shall contain red oscillating LED light pods and two clear halogen lights. Clear lights shall be disabled when the apparatus is in the blocking mode.

**FRONT OF HOSEBED** ~~2-1/2" DISCHARGE~~ One (1) ~~2-1/2"~~ discharge shall be installed to the front of hosebed area and controlled by a quarter turn ball valve on the pump panel. ~~The discharge shall have 2-1/2" NPT x 2-1/2" NST male hose threads. An~~

engraved nameplate label shall be provided adjacent the control handle.

A 3/4" quarter turn bleeder valve shall be installed on gated intakes and discharges larger than 1 1/2" in size.

One (1) manually operated pull rod, with quarter turn valve, with locking feature shall be provided on the specified discharge. The handle shall be equipped with color coded engraved type name plate.

The specified valve shall be a two and one half inch (2 1/2") valve with a stainless ball.

One (1) 2 1/2" pressure gauge rated at 0-400 Psi shall be provided. The gauge shall include a color coded label and be installed on the pump instrument panel. The face of the gauge shall have a white dial with black letters.

**DIRECT TANK FILL** One (1) 2-1/2" diameter direct tank fill inlet shall be provided, including a 2-1/2" female NH swivel, plug and screen. ~~The valve shall be located and controlled on the rear of body.~~ Exact location of the valve shall be determined at the pre-build conference.

**HARD SUCTION MOUNTING** There shall be two (2) horizontally mounted aluminum hard suction hose brackets, with either both of them mounted on the ladder rack or with one mounted on the ladder rack and the other mounted on the driver's side above the compartments.

**PUMP PANEL LIGHTS -- LEFT SIDE** Either incandescent or full width LED lights with clear lenses shall be installed under an instrument panel light hood on the left side pump panel. The lights shall be controlled by engaging the parking brake.

**PUMP PANEL LIGHTS -- RIGHT SIDE** Either incandescent or full width LED lights with clear lenses shall be installed under an instrument panel light hood on the right side pump panel. The lights shall be controlled by engaging the parking brake.

**PUMP PANEL LIGHTS -- TOP MOUNT** Either incandescent or full width LED lights with clear lenses shall be installed under an instrument panel light hood on the top pump panel. The lights shall be controlled by engaging the parking brake.

**SUB-FRAME** The apparatus body subframe shall be constructed either entirely of heavy steel or stainless steel structural channel material or entirely out of aluminum. A minimum of two rear platform support channels shall be provided.

**II. The following provisions of the Supplementary Provisions are hereby amended to read as follows: (underlined words are added, stricken-through words are deleted)**

**4. UNDERWRITERS LABORATORIES TESTING.** Any test equipment required or expense incurred for the ~~ULI~~ pump test shall be borne by the contractor supplying this equipment. ~~Any statements of "Third Party Tested" will not be acceptable.~~ Underwriter Laboratories or certified independent third party testing will be required ~~the only testing authority approved by the fire department.~~ The original and notarized copy of the Underwriter Laboratories' testing laboratory's certificate shall be delivered to the fire department upon completion. There will be no exceptions to this requirement due to legal requirements by the fire department.

**8. LOCAL SERVICE CENTER & INSURANCE REQUIREMENTS.** The local warranty service center and dealer must submit with their bid proposal their company's Certificate of Insurance listing the proposed manufacturer's product liability insurance coverage. General Commercial liability insurance ~~shall~~ should be in a minimum amount of two (2) million dollars. Certificates of insurance shall name the bidding company, insurance company, policy number, and effective dates of the insurance policy. Bids submitted without the required Certificates, or Certificates listing less than two (2) million dollars of underlying coverage, will be considered non responsive and automatically rejected.

The above-referenced bidding documents are hereby amended by the above-noted additions and deletions to the language.