

Request for Proposal – Compressor and Fill Station

March 15, 2022

The Town of Falmouth is accepting bids for a new integrated compressor and fill station. The fill station must include a totally encapsulated system for filling SCBA bottles to include an interlock system that prevents refilling cylinders unless the fill station door is closed and secured in the closed position. The system must have the ability to fill a minimum of 2 bottles simultaneously. The ability to fill 3 bottles or more is preferred.

The system must have an On-Off control with the ability to automatically start and stop the compressor motor to maintain the system's operating pressure between high and low set points of the final pressure switch. The discharge line of the final stage of compression should have a temperature switch that automatically shuts down the system when it detects that the final stage discharge temperature has exceeded the tamperproof set point.

Attached are additional individual specifications for the requested integrated system:

Minimum 10 hp motor four-stage compressor	_____
Operates on 3 Phase	_____
Integrated CO Monitor	_____
4-Bottle (6000 psi) Air Storage System included	_____
Emergency Stop Button	_____
Compressor low oil pressure and high temperature automatic safety shutdowns	_____
Automatic Condensate Drain system with reservoir and system to alert when full	_____
Sound attenuating enclosure.	_____
NFPA 1901 2016 edition compliant fill station	_____
Automatic storage bypass system	_____
Manual control valve and pressure gauge for each storage bank	_____
50' minimum whip attached to fill air cylinders on Tower truck	_____
Accommodates SCUBA bottle in addition to SCBA bottles	_____

Proposals shall be e-mailed or mailed to Chief Howard Rice (e-mail hrice@falmouthme.org or mail 8 Bucknam Road, Falmouth, ME 04105) no later than April 7, 2022, at 1400 hours. Faxed or late bids are not acceptable and will be rejected. The Town of Falmouth reserves the right to reject any or all bids at any time for any reason.

Bids must include the cost of the entire system. Companies are allowed to submit multiple bids and/or products. Should you have any questions relative to the request for proposal, please do not hesitate to contact Chief Howard Rice at (207) 781-2610.