

The Pennsylvania Fish and Boat Commission is seeking bids for a laser engraver. The unit needs to align with the following specifications:

- The unit must be 41" X 32" X 38" in size or larger
- The unit must weigh no more than 230 lbs.
- Have the capability of running on 110V or 240V, 50Hz or 60Hz, and run on single phase
- The unit must be a class 2 laser product (1 mW cW Maximum 600-700 nm)
- The unit must have a working surface of 24" x 24" or greater
- Must be able to work on material thickness up to 10"
- The unit must have air-cooled, metal/ceramic waveguide laser tubes that are user replaceable
- The unit should require 40w laser tubes
- The unit should include (2) 2" overhead IRIS cameras
- The unit should be able to connect via ethernet cable or wirelessly connected to WIFI.
- The unit should allow for users to adjust resolution (75 -1200 dpi)
- The unit should have a maximum engraving speed of 60IPS with 3.5G acceleration
- The unit should be able to store multiple files up to 1GB and be able to engrave any file size
- The unit should have three operating modes (optimized raster, vector, and combined)
- The unit should include system cooling fans and high-speed stepper motors.
- The unit should include job trace capability, auto focus technology, and touch screen capability.
- The unit should include a honeycomb style cutting surface.
- The unit must have a compressed air pump to clean the cutting lenses during operation.
- The unit must have an external exhaust filtration system that can be vented inside with a filtration or outside.
- Unit is to include delivery to Union City Aquatic Conservation Center, machine setup, and onsite training as well as email and phone tech support.

Awarded vendor must be a licensed distributor and servicer of the engraver.

Final bid price must include delivery to the PA Fish & Boat Commission, 9450 Route 6, Union City, PA 16438.

Quantities are estimated, actual usage may vary.