

1. Contract Title. C02 Laser System

2. Scope.

The Cleveland VAMC is in need of the following items to meet the minimum needs of the facility:

Manufacturer/Description/Part/Model Number*	Qty
Surgical CO2 30 W Laser System	1
Guide Fiber Cable, Titanium Alloy, 2.75 meter	1
Guide Fiber Cable Support Arm 1.80 meter	1
Touch Universal HandPiece	2
Touch HandPiece Support Arm 1.00 meter	1
Air Gas Bottle Holder	1
CO2 Laser Safety Goggles	8
Tip Free Beam Inserts, Sterile, Disp. Box of 10	1
Drape Fiber Sleeves, Sterile, Disp, Box of 25	1
Air Gas Delivery Hose Kit	3
Air Gas Filter Disc 500mm, >1 µm, Sterile	5
Air Gas Regulator Assy,M1-930-PG	1
Probe, ENT, Oral. 50mm, Straight, Sterile, Disp	5
Probe, ENT, Stapes, 70mm, Curved, Sterile, Disp	5
Probe, ENT, Larynx, Malleable, Sterile, Disp	5
SureSpot-C Fiber Cable Adaptor with Aiming Beam	1
SureSpot-M Laser Micromanipulator variable Spotsizes and Focal Length	1
Microscope Adapters for various Zeiss and Leica	1

Salient Characteristics:

The C02 Laser System should have a power output of 30 watts maximum, 20 watts to tissue. The delivery system should possess a titanium clad fiber cable (2.00m & 2.75m). The fiber characteristics should have a transmission efficiency <73%, no cooling required. The beam characteristics shall include TEM₀₀ and Gaussian. The operating modes should have options of CW, pulsed, and super pulsed. The operator panel should feature a touch screen including video display of procedures. The aiming beam features should be diode laser 532 nm, green, 5mW, variable intensity, and useable with scanner and micromanipulator. The purge gas should emit from disposable probes and fibers. The power supply should offer 110-230 V/ 50-60Hz/10A. The dimensions of the unit should be at least WDH 38 x 38 x 101 cm – 15” X 15” X 40” with a weight of 21kg – 47lbs. Accessories for the system should include a universal handpiece, malleable probes, flexible fibers, scanner, and micromanipulator. The C02 Laser System shall include a minimum two year warranty on parts and labor.

3. Installation of Equipment

The CO2 laser system will be installed at Wade Park in the Operating Room. This includes uncrating, assembling, and installing any components of the order. Installation will also include testing the equipment. Testing shall include any tasks determined by the contractor to be necessary to ensure the machine is free of craftsmanship defects, all component parts are functioning within manufacturer's specification. Biomedical Engineering staff will determine if testing results are satisfactory to begin internal acceptance and fitness for use.

Installation of equipment will be complete and approved for use by the vendor, the medical staff, biomed, and any other applicable groups.

4. Warranty

The vendor will provide a warranty covering all parts and labor for the first 24 months following delivery.

5. Performance Monitoring

The COR will monitor the successful delivery of the equipment by maintaining contact with the vendor and coordinating with the VA Warehouse and Biomedical Engineering personnel. The COR will also ensure the equipment is assembled and all installation of hardware is done to contract specifications. The COR has no contractual authority and reports directly to the Contracting Officer in regards to this procurement

Please ship the deliverables to the Surgical Service at the Louis Stokes Cleveland VA Medical Center, Wade Park; Attention should be made to William Precht.