Laser Engraving Machine Bid Specifications
IFB 23IFB8368

Epilog Fusion Pro 48 Dual Source Laser Engraver, 50W Fiber and 120W CO2 or Equal. The use of a brand name is for the purpose of describing the standard of quality, performance, and characteristics desired and is not intended to limit or restrict competition.

- Must be American Made, no import or resold machines.
- Must be New Equipment, no refurbished or used products.
- Must be a minimum of 48" x 36" work area.
- Must have 12.25" minimum material thickness capabilities.
- Must be a Dual Source Machine (CO2 and Fiber Laser Tubes).
- Must have a minimum CO2 Laser Tube wattage of 120 watts.
- Must have a minimum Fiber Laser Tube wattage of 50 watts.
- Must have a two overhead camera system that will allow registration of material to artwork.
- Must have wireless connectivity.
- Must have 165 IPS (inches per second) capability.
- Must be able to control speed setting in .001 increments up to 100%.
- Must be able to Color Map speed, power, frequency and Raster/Vector mode.
- Must have a company specific Job Manager and software.
- Must be able to store files up to 1 GB and engrave any file size.
- Must be able to optimize raster, vector and combined modes.
- Must have Super Silent cooling fans.
- X, Y, and Z Motion system must feature Brushless DC Servo Motors.
- X-Axis Bearings must be ground and polished stainless steel, Teflon-coated, self-lubricating bearings, and have dual blocks on X-Axis.
- Must include Job Trace.
- Must include Auto Focus.
- Must include Touch Screen.
- Must include a status light.
- Must have a CO2/Dual Task Plate Table.
- Must have a drop-down front load door.
- Must include an air assist pump, and air assist.
- Must have adequate exhaust ports for ventilation. Preferably 2 upper and one lower.
- Must have safety limit switch safeguard features.
- Must be able to have a split table configuration.

Delivery FOB destination to:
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