



Request for Waiver of Bid Procurement

I. Program Description and Current Operations

Date: April 26, 2016

Service or Goods to be Purchased: Lodox X-Ray Equipment & Maintenance

Estimated Expenditure Amount: \$445,800.00

Vendor Name: Lodox NA LLC

Department: Medical Examiner

Department Contact Person: Barry Irmen

Department Program: New Medical Examiner's Office at East District Campus

Requisition Number:

- II. Chapter 25 of Dane County Ordinance codifies the County's purchasing and contracting process. Included in this chapter, 25.11(20) allows for exceptions to the competitive bidding process for a variety of reasons.

Below is a list of exceptions specified in the ordinance. Choose the one most appropriate to your request.

Emergency procurement

Only one vendor possesses the unique and singularly available ability to meet the Department's requirements

When unique and specific technical qualifications are required

When special adaptation for a special purpose is required

When a unique or opportune buying condition exists

- III. State your rationale for request for waiver. Please be specific.

The Medical Examiner's Office needs a new, high volume, higher resolution solution for collecting x-rays for autopsies. Currently, the office is using a portable x-ray machine, that was purchased approximately 8 years ago. The portable machine was purchased while Dane County was still a Coroner's office and was doing less than 200 autopsies per year. The office is now doing more than 600 autopsies per year and this number is expected to grow as we take on work from other counties. This unit requires that staff take individual films of each are both AP (Front to back) and lateral. Doing total body x-rays, can take 2 or more staff, more than 2 hours to obtain the multiple exposures required in x-ray cases. The unit is still functional and we will keep this unit as it is mobile and could be used in a mass or multiple fatality incident.

The ME's Office has chosen the Lodox Statscan, Critical Imaging System Model VE1 as the new x-ray machine. It provides a rapid assessment of injuries using up to full body digital Radiographs. The system is optimized for forensics use. Lodox is the only digital radiography system that provides a single (non-stitched), high-resolution radiographic image of the entire body (up to 1.8m / 6ft body length). It facilitates a complete skeletal survey from any orientation, in one image, regardless of subject size. The full-body image replaces a number of smaller views, making it easier to locate injuries, foreign objects and identifying features and improving the accuracy of the autopsy.

The machine is high speed. An x-ray image of the entire body in 13 seconds. A full-body imaging study in two planes takes 3 – 5 minutes. The rapid operation reduces the time taken for a skeletal survey, reducing

staff time and increasing efficiency. In addition, radiation scatter is dramatically minimized by the Lodox beam and detector configuration. This makes it safer for surrounding and operating staff.

Finally, the large format images reduce the need for retakes resulting from imprecise radiography and the straightforward operation makes Lodox easy for staff to use. The Lodox system is state of the art and has become a standard in many Medical Examiner offices across the County. It will save literally hours of staff time in cases where x-rays are required and it will allow of easier sharing of films with other criminal justice partners, including the District Attorney's office when criminal prosecution is being considered. The high quality of Lodox radiographs will simplify the process of making positive ID in cases where a body is so altered that x-ray comparison (postmortem to antemortem) is required to facilitate ID

Lodox NA LLC is the owner and sole manufacturer of the Lodox systems. There are only 100 of these systems in use worldwide. The Lodox products are not available on any contracts or through any cooperatives.

This purchase will include the Gold Premium Service contract plan for four years to ensure that the machine will function optimally.

The plan includes:

- One on-site Preventive maintenance procedure visit per year.
- Up to two emergency on-site service visits per contract year.
- All parts required for repairs, with the exception of the Xray tube.
- Unlimited VPN and telephone support during the contract year.

The cost for the machine and service contract plan for four years is \$445,800. It will be paid for from account line CPADMIN 57809.