

VA NEW YORK HARBOR HEALTHCARE SYSTEM  
PATHOLOGY AND LABORATORY  
800 POLY PLACE  
BROOKLYN, NY 11209

**STATEMENT OF WORK FOR  
MULTI-SAMPLE MICRO-OSMOMETER**

**Introduction/Background**

The VA New York Harbor Healthcare System is dedicated to providing quality health care to veterans using the abilities of all employees supported by our commitment to education and research.

We are recognized locally, regionally, and nationally as a leader in quality patient care, positive customer service, medical/allied health education, and health-related research and employment opportunities. We seek to be the provider of choice of veterans and the community by offering an efficient, integrated quality health care system capable of providing a full range of primary, specialty and chronic health care services in a system that is readily accessible and responsive to change.

Our key business drivers are quality, financial integrity, patient satisfaction and employee satisfaction.

**INTENDED USE**

The Osmopro offers a perfect balance of analytical performance, ease of use, and walkaway operation. It is ideally suited for our high-volume laboratories that prefer to automate osmolality batch testing while improving laboratory efficiency, through output, and workflow.

Easy to use touchscreen operation and an intuitive user interface, OsmoPRO provides world-class performance in a user-friendly package. Fast, accurate results with a 90 second test time and a small 20  $\mu$ L sample volume, OsmoPRO provides rapid and precise test results using the industry-preferred freezing point depression method.

Improve efficiency and productivity when compared to manual sample instruments, OsmoPRO provides a 75% increase in productivity for laboratories processing more than 15 samples per day.

Versatile sample processing OsmoPRO is ideally suited to analyze complex aqueous mixtures including blood, serum, plasma, urine, culture media, drug formulations, and many other sample types.

**System Specifications**

- Sample volume 20  $\mu$ L
- Test time 90 seconds
- Sample capacity Up to 20 samples
- Units mOsm/kg H<sub>2</sub>O
- Resolution 1 mOsm/kg H<sub>2</sub>O
- Range 0 to 2000 mOsm/kg H<sub>2</sub>O
- Accuracy 0–400 mOsm: mean value  $\pm$ 3 mOsm/kg H<sub>2</sub>O from nominal  
value 400–2000 mOsm: mean value  $\pm$ 0.75% from nominal value
- Precision (within run) 0–400 mOsm: standard deviation  $\leq$  3 mOsm/kg H<sub>2</sub>O  
400–2000 mOsm: CV  $\leq$  0.75%
- Temperature effects less than 1 mOsm/kg H<sub>2</sub>O per 5°C (9°F) ambient  
temperature change

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- Communications On-board printer, integrated 2D-barcode scanner, USB 2.0 Type A (3), USB 2.0 Type B (1), Ethernet Port (1)
- Supported languages English, Spanish
- Storage temperature -40°C to +45°C (-40°F to +113°F)
- Electrical voltage 100 to 240 VAC (50/60 Hz)
- Power consumption 60 Watts
- Dimensions (D x W x H) (37 cm x 25 cm x 44 cm) (14" x 10" x 17.5")
- Net weight 13.2 kg (29 lbs.)

**Compliance (If applicable)**

The vendor shall be responsible for determination, and compliance with federal and state or local code requirements, design data, and other factors necessary to design and install the items at the desired location.

The system will not require any new construction, space, special wirings or power outlets etc.

**Training of Operating personnel (If Applicable)**

Not Applicable

Biomed is responsible for servicing of this equipment. There is space available as this is a replacement for the obsolete one.

**Place of Delivery**

The First equipment will be delivered to

Path and Lab Service  
Attn: Ms. Shana Ahmad  
VA New York Harbor Healthcare System  
423 E23 St. NY, NY 10010  
6<sup>th</sup> Floor Chemistry Laboratory

The second equipment will be delivered to

Path and Lab Service  
Attn: Ms. Teresita De Los Santos  
VA New York Harbor Healthcare System  
800 Poly PL Brooklyn NY 11209  
Chemistry Laboratory  
Rm 3-3114

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**Time of Delivery**

The required delivery date shall be as soon as possible. Delivery dates specified on delivery orders may be adjusted by the contracting officer to coincide with the date the hospital needs the results.

**Acceptance Procedures**

Prior to acceptance of the goods or services provided under this contract, inspection and testing will be performed by the Government in accordance with this clause.