

B1. STATEMENT OF WORK (SOW)

1. Contract Title: Canton Audiology Booth

2. Background. This piece of equipment is essential in performing hearing tests. The patient is seated in the sound booth with headphones and asked to subjectively respond to tones/speech stimuli. The sound booth is used to eliminate extraneous noises that may interfere during testing that could invalidate the results. At this time Wade Park and Parma are the only two facilities within the Louis Stokes Department of Veterans Affairs medical centers, CBOCs and outpatient clinics equipped to perform hearing testing. The addition of a sound booth at Canton will serve to reduce travel costs for the medical center/patient as well as improve patient access to services especially those unable to travel long distances.

3. Scope.

The Louis Stokes Cleveland Department of Veterans Affairs Medical Center (VAMC) seeks a contractor to provide all labor, material, parts, equipment, transportation and supervision necessary to provide a Sound Booth as described below, as well installation of the Sound Booth at the Canton CBOC, 733 Market Avenue, South Canton, OH 44702, in accordance with the terms, conditions of the solicitation and any resulting contract.

4. Specifications.

The Sound booth must include the following:

- Jack panel with cable pass-thru
- Acoustically engineered ventilation mounted external to wall or roof panels
- Recessed incandescent lighting
- Acoustic Door with camlift hinges, 32" clear opening– Positioned as indicated in the drawing above.
- Window, double glazed, laminated, safety glass, 30" by 24" – Positioned as indicated in the drawing above.
- Electrical service via a minimum 20 foot grounded power cord
- Two Duplex Power Outlet internal and One Duplex Power Outlet external

- Single Wall Construction - Floors Walls and Ceiling shall be constructed with materials of the same sound attenuation properties. Space plan is provided below.
 - Interior Dimensions (W x L) 7'4" x 7'0"
 - Exterior Dimensions (W x L) 8'0" x 7'8"
 - Height Dimension – Interior height must be at least 6 feet 10 inches and the exterior height must not exceed 8 feet 5 inches.
 - Weight – No more than 4500 LBS

Turn-Key installation in Canton CBOC, 733 Market Avenue, South Canton, OH 44702

After sound booth is installed certificates need to be provided by the vendor that it meets the ANSI standards for hearing testing. The manufacturer and installer need to be a member of NASED (National Association Special Equipment Distributors)

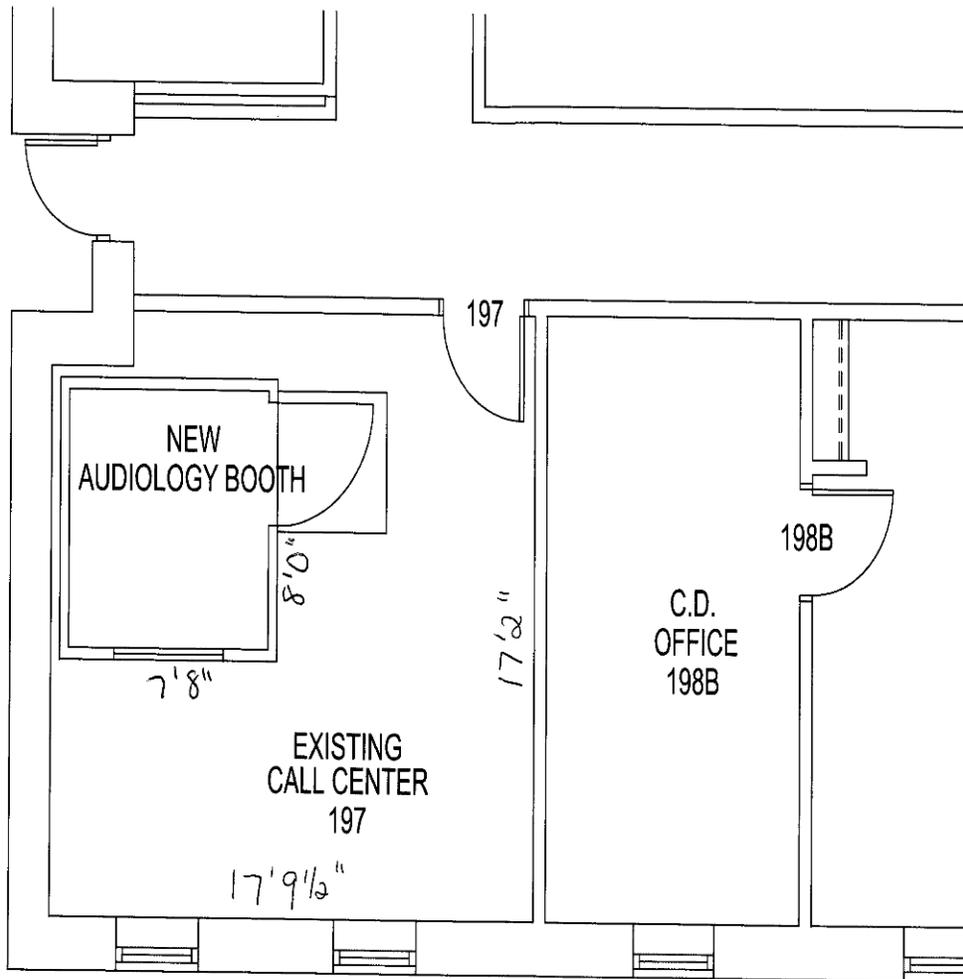
Minimum sound specs as listed below

Sound absorption in accordance with ASTM C423-84a standards:

125Hz – Absorption Coefficient 0.79
250Hz - Absorption Coefficient 1.08
500Hz - Absorption Coefficient 1.10
1000Hz - Absorption Coefficient 1.02
2000Hz – Absorption Coefficient 1.04
4000Hz - Absorption Coefficient 1.00
NRC - Absorption Coefficient 1.05

Noise Reduction in accordance with ASTM E-596:

Center Frequency 125Hz – Noise Reduction 27
Center Frequency 250Hz – Noise Reduction 37
Center Frequency 500Hz – Noise Reduction 44
Center Frequency 1000Hz – Noise Reduction 53
Center Frequency 2000Hz – Noise Reduction 58
Center Frequency 4000Hz – Noise Reduction 60
Center Frequency 8000Hz – Noise Reduction 62



5. Performance Monitoring

The COR in conjunction with Engineering and the Chief of Audiology will determine if the installed sound booth meets the size, sound attenuation and other requirements stated in the SOW. The booth will need to attenuate sound as stated in Section 4.0 above.

6. Security Requirements

The Contractor will not have any access to VA Computers or any patient information. This contract will not require contract personnel to have access to Privacy Information. If privacy information is inadvertently revealed, Contract personnel shall adhere to the Privacy Act, Title 5 of the U.S. Code, Section 552a and applicable agency rules and regulations.

7. Government-Furnished Equipment (GFE)/Government-Furnished Information (GFI).

None

8. Other Pertinent Information or Special Considerations.

Calibrated sound level meter measurements will be used to measure various frequencies to make sure specification are met.

Packaging, Packing and Shipping Instructions:

The site is ready for installation and additional room modifications should not be required and there are no available storage areas. Therefore, the material should not be delivered until time of installation is set to commence.

9. Place of Performance.

Canton CBOC,
733 Market Avenue, South Canton, OH 44702

10. Period of Performance.

Contractor will deliver and install within 45 days of receipt of a purchase order.

Evaluation and Award

This acquisition will be conducted under FAR Part 13 and the evaluation and award will be made the offer that represents the best value to the Government. In addition to price, the following factors will be considered: technically meeting the requirement, delivery/installation availability. The Government intends to make an award based on the initial quotations therefore offers should ensure that complete information and best offer is provided with initial submission. In addition to completing the Price/Cost Schedule offers must submit specification sheets that provide sufficient detail to allow for a technical evaluation, and any brochure or catalog information that will accurately depict the offered product and proposed delivery and installation date.

B.2 Cost/Price Schedule

ITEM NUMBER	DESCRIPTION OF SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	<i>Acoustic System Single Wall Exam Booth *See SOW</i>	<i>1.00</i>	<i>EA</i>	_____	_____
2	<i>1 Sound Room Installation - See SOW</i>	<i>1.00</i>	<i>EA</i>	_____	_____
3	<i>Sound Room Freight Charge - See SOW</i>	<i>1.00</i>	<i>EA</i>	_____	_____
				GRAND TOTAL	_____

B.3 Delivery Schedule

ITEM NUMBER		QUANTITY	DELIVERY DATE
1	<p><i>SHIP TO: Louis Stokes Cleveland VAMC VAOPC Canton - VAOPC Canton Lab 733 Market S Canton ,OH 44702</i></p> <p><i>MARK FOR: Jordan Facter Jordan.Facter@va.gov (216) 739-7000 x838 2107</i></p>	1.00	
2	<p><i>SHIP TO: Louis Stokes Cleveland VAMC VAOPC Canton - VAOPC Canton Lab 733 Market S Canton ,OH 44702</i></p> <p><i>MARK FOR: Jordan Facter Jordan.Facter@va.gov (216) 739-7000 x838 2107</i></p>	1.00	
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