REQUESTING SERVICE: NUCLEAR MEDICINE
SHIP TO: CHIEF, A&MM
V.A. Medical Center
700 SOUTH 19TH ST
BIRMINGHAM, AL 35233

REQUISITION: 521-B92032

Ln	Spectrum-Dynamics P/N Item Summary Description	Quantity
1	8010120-01 D-SPECT Cardio, 110V See below for Description	1
2	9350911-01 Accessories, Chair, Plastic Leg Cover See below for Description	1
3	3400006-02 Accessories, Chair, Seat Belt set of 2 See below for Description	1
4	9030094-01 JASZCZAK PHANTOM FIXTURE See below for Description	1
5	8010181-01 Dynamic SPECT (Cedars) See below for Description	1
6	8010122-01 Syringe Infusion Pump Package See below for Description	1
7	8010158-01 S/W Cedars QPS+QGS v2017 See below for Description	1
8	8010160-01 S/W Cedars QBS v2017 See below for Description	1
9	8010066-01 S/W 4DM SPECT (Integrated) See below for Description	1
10	8010070-01 S/W 4DM INTEG SPECT TRN, (1 DAY-NA) See below for Description	1
11	8010010-01 S/W, SDI, UNLIMITED PROCEDURES See below for Description	1
12	9009999-01 TRADE-IN SYSTEM See below for Description	

Quantity	Description
1.00	**Description for Ln 1. D-SPECT Cardio, 110V**

The D-SPECT Cardio system is a dedicated nuclear cardiology solid state gamma camera for fast imaging, with superior performance in sensitivity and resolution.

1. Imaging Room Module:
- 9 independently controlled CZT based solid state detectors
- Tungsten collimators
- Gated SPECT acquisitions can be completed in as fast as 3 minutes
- Small, compact system
- Patient chair/bed with a weight limit up 1000 lb/454 kg
- Grab-bar for patient access & support
- Upright, supine and anything in between imaging
- Built in diagnostic tools
- D-SPECT calibration QC accessory kit
- Built in touch screen for patient positioning and detector angle display

2) D-SPECT Acquisition Station
- Windows 7 Professional with i7 processor and 8GB ram
- D-SPECT acquisition applications software
- Local data HD dedicated for Windows (500 GB HDD)
- Local data HD dedicated for D-Spect acquired patients (500 GB HDD)
- 24" LCD Monitor with 1900 x 1200 resolution
- CD/DVD RW
- Acquisition QC tools
- Patient database
- Daily QC application software
- R-SCAN software
  Includes an unlimited number of sequential gated and non-gated spect procedures. This excludes Dynamic SPECT and SDI procedures.

3) D-SPECT Processing Station
-Windows 7 Professional with i7 processor and 8GB ram
- D-SPECT processing software also includes Motion Correction
- D-SPECT proprietary reconstruction software
- Existing Cardiac Spect Perfusion software will be maintained
- Local data HD dedicated for Windows (500 GB HDD)
- Local data HD dedicated for D-Spect processing station (500 GB HDD)
- 24" LCD Monitor with 1900 x 1200 resolution
- Easy-to-use GUI (graphical user interface)
- CD/DVD RW

4) IVY Biomedical Model 7600 Cardiac Trigger Monitor
*Spectrum reserves the right to substitute an equivalent make and model, if the 7600 is unavailable.

5) POWERVAR Uninterruptible Power Manager Model # ABCE1440-11IEC

6). On site applications training, 3 days
Includes 3 days of on-site training that must be used in a consecutive day format.
It is highly recommended to dedicate 1 or 2 technologists during the entire training.

** Note: Specifications are subject to change without notice.
Cardiac Quantitative Software is NOT included

1.00	**Description for Ln 2. Accessories, Chair, Plastic Leg Cover**

Washable cover for patient chair leg rest

Description for Ln 3. Accessories, Chair, Seat Belt set of 2

1.00	One pair of seat belts designed for the D-SPECT Cardiac System.

1.00	**Description for Ln 4. JASZCZAK PHANTOM FIXTURE** Holder for the Jaszczak Phantom on the D-SPECT

1.00	**Description for Ln 5. Dynamic SPECT (Cedars)** This software package provides the capability to acquire and process a Gated SPECT in Dynamic mode using proprietary dynamic list mode acquisition software. The acquired information can be displayed in traditional formats, as well as three-dimensional renderings, and various forms of animated sequences, showing kinetic attributes of the heart. Quantitative processing is performed using Cedars QGS+QPS with Plus pack processing software (single license). This includes: · Software upgrade to Dynamic SPECT (acquisition and reconstruction) · Cedars QGS+QPS with Plus pack processing software (single license) · Customized syringe carrier box · 2 days of onsite applications training * Dynamic SPECT is only available for use on the D-SPECT 9 detector system ** If running Windows XP software, you must upgrade to Windows 7 prior to using Dynamic SPECT. This will incur additional charges. *** Does not include Injector System **** Requires the ability for remote connectivity with Spectrum Dynamics Medical

1.00	**Description for Ln 6. Syringe Infusion Pump Package**
	• Syringe Infusion Pump
	• Includes supplies to perform 25 Stress/Rest Procedures
	  - 100 60" Coiled Connector Tube with check valve
	  - 50 Standard Bore T-Port Extension set Ultrasite valve, side clamp
	  - 50 140 mL Luer Lock Tip Syringes

1.00	**Description for Ln 7. S/W Cedars QPS+QGS v2017** This application includes QGS, QPS, Plus pack & Companion to provides cardiac function and perfusion quantitation using gated and ungated MPI datasets: ED and ES volumes, ejection fraction, and perfusion measures such as SSS/SRS/SDS and TPD. The image data can be viewed in a variety of modes, from selected slices in a 2D view to a rendered 3D surface of the myocardium with parametric maps (perfusion, motion, thickening and regional EF). Kinetic Analysis -Allows for the processing of dynamic coronary flow and coronary flow reserve data

1.00	**Description for Ln 8. S/W Cedars QBS v2017** An interactive standalone application for the automatic segmentation and quantification of gated short axis blood pool (red blood cells, RBC), SPECT.

1.00	**Description for Ln 9. S/W 4DM SPECT (Integrated)** 4DM Integrated SPECT package provides advanced cardiovascular quantification and image displays. 4DM SPECT quantifies, displays and provides reporting for SPECT myocardial perfusion and function and SPECT blood pool studies in a single, configurable application. • Perfusion, function, metabolism and reporting in a single application • Verify integrity of tomographic (raw) datasets • Compare tracer perfusion of stress to rest • Quantitative assessment of regional perfusion extent and severity • Assess and display systolic and diastolic function for ECG studies • Generate and view DICOM static and multi-frame secondary screen captures

• 3 orthogonal plane viewer for tomographic images
A one year Maintenance Agreement, which includes free upgrades, is included.
Excludes training from Invia

1.00	**Description for Ln 10. S/W 4DM INTEG SPECT TRN, (1 DAY-NA)**

4DM Integrated, training by INVIA for each new 4DM sale is required. Price is inclusive of travel expenses for one person from INVIA to train on-site for one (8) hour business day, within the US or Canada.

1.00	**Description for Ln 11. S/W, SDI, UNLIMITED PROCEDURES**

Allows unlimited Simultaneous Dual Isotope procedures

Description for Ln 12. TRADE-IN SYSTEM
The Trade-In System is described within the Trade-In Addendum attached to this quote. The Trade-In System's Equipment Manufacturer, Model and Description, along with the ID/Serial Number and Trade-In terms and conditions, is specified within the Addendum.

Equipment Mfr.	Model & Description	Quantity	ID/Serial No.
Siemens	Symbia T6	one	1212