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## Header 1

List View

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Procurement Folder: 1360477

Procurement Type: Central Contract - Fixed Amt

Vendor ID: VC0000120882

Legal Name: INFORMATION MANAGEMENT SERVICES INC

Alias/DBA:

Total Bid: \$372,229.00

Response Date: 05/07/2024

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Solicitation Description: CANCER REGISTRY DATA SYSTEM

Total of Header Attachments: 1

Total of All Attachments: 1



Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Deliverable 1 - Per Section 4.4.2.1.1				53000.00

Comm Code	Manufacturer	Specification	Model #
81112200			

**Commodity Line Comments:** There are no license fees associated with the SEER\*DMS or SEER\*Abs applications. Costs for SEER\*DMS are assessed for migration efforts and annual fees for hosting, security assessments, and support. SEER\*DMS is a data management system for central registries. Annual Fixed Fees for SEER\*DMS are based upon population size of the catchment area. The annual fixed fee for SEER\*DMS would be \$53,000 for the West Virginia registry. This fee includes:  
 Hosting fee: \$5,000  
 Independent Security Assessment fee: \$10,000. This fee is assessed at time of production deployment of SEER\*DMS. This fee covers the costs for tasks related to annual FISMA and SOC2 independent audits.  
 Maintenance and Tech Support fee: \$38,000  
 The registry will have the option of allowing hospital abstracts to access their instance of SEER\*DMS for the purpose of direct abstracting and/or uploading data files created in the SEER Abstracting Software (SEER\*Abs). SEER\*Abs is a publicly available abstracting tool that a registry can use at no cost. IMS support of hospital abstracting via SEER\*DMS or SEER\*Abs is included in this quote.  
 See Attachment A for information regarding IMS qualifications and the SEER\*DMS capabilities in support of this response.

**Extended Description:**

4.4.2.1.1 Deliverable 1, Day 1 through the end of the contract; Vendor will provide software and software licenses to ten abstracting facilities and software to maintain the central registry data warehouse. System documentation and training by Vendor will be available. Vendor will support its use Monday through Friday 11:00 am to 5:00 pm Eastern Standard Time.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Deliverable 2 - Per Section 4.4.2.1.2				155000.00

Comm Code	Manufacturer	Specification	Model #
81112200			

**Commodity Line Comments:** The IMS bid for a fixed price contract to migrate WVCR to SEER\*DMS is \$150,000 plus a one-time infrastructure fee of \$5,000.  
 To date, the process of migrating from a legacy data management system to SEER\*DMS has required 60-180 days after receiving the registry s data. The timeline is dependent upon the ability of the registry or the registry s current vendor to provide well-formatted migration data files with appropriate documentation. Note: IMS will accept a variety of data formats for the migration. IMS will strive to reduce the timeline to meet registry requirements and to minimize the level of effort required by the registry and current vendor.

**Extended Description:**

4.4.2.1.2 Deliverable 2, Day 1 through Day 15; Vendor will migrate current warehouse data to new system and ensure abstracting software is configured and ready to use by hospital and WVCR staff.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Deliverable 3 - Per Section 4.4.2.1.3				0.00

Comm Code	Manufacturer	Specification	Model #
81112200			

**Commodity Line Comments:** There are no direct costs related to the deployment deliverable. Costs for SEER\*DMS are assessed for migration efforts and annual fees for hosting, security assessments, and support. Those costs are defined in line numbers 1, 2, 4, 5, and 6.

**Extended Description:**

4.4.2.1.3 Deliverable 3, Day 15; Cancer registry software will be up and operational allowing abstractors to abstract ensuring that history of previous cancer patients are available within the new system.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Optional renewal Year 2				53860.00

Comm Code	Manufacturer	Specification	Model #
81112200			

**Commodity Line Comments:** Annual fixed fees for SEER\*DMS are subject to a 2% escalation to the Hosting and Maintenance and Tech Support fees. There is no escalation fee for the Independent Security Assessment. The annual fixed fee for option year 2 of SEER\*DMS would be \$53,860 for the West Virginia registry. This fee is the sum of:  
 Hosting fee: \$5,100  
 Independent Security Assessment fee: \$10,000.  
 Maintenance and Tech Support fee: \$38,760

**Extended Description:**  
 Vendor will provide software and software licenses to ten abstracting facilities and software to maintain the central registry data warehouse. System documentation and training by Vendor will be available. Vendor will support its use Monday through Friday 11:00 am to 5:00 pm Eastern Standard Time.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	Optional renewal Year 3				54737.00

Comm Code	Manufacturer	Specification	Model #
81112200			

**Commodity Line Comments:** Annual fixed fees for SEER\*DMS are subject to a 2% escalation to the Hosting and Maintenance and Tech Support fees. There is no escalation fee for the Independent Security Assessment. The annual fixed fee for option year 3 of SEER\*DMS would be \$54,737 for the West Virginia registry. This fee is the sum of:  
 Hosting fee: \$5,202  
 Independent Security Assessment fee: \$10,000.  
 Maintenance and Tech Support fee: \$39,535

**Extended Description:**  
 Vendor will provide software and software licenses to ten abstracting facilities and software to maintain the central registry data warehouse. System documentation and training by Vendor will be available. Vendor will support its use Monday through Friday 11:00 am to 5:00 pm Eastern Standard Time.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	Optional renewal Year 4				55632.00

Comm Code	Manufacturer	Specification	Model #
81112200			

**Commodity Line Comments:** Annual fixed fees for SEER\*DMS are subject to a 2% escalation to the Hosting and Maintenance and Tech Support fees. There is no escalation fee for the Independent Security Assessment. The annual fixed fee for option year 3 of SEER\*DMS would be \$55,632 for the West Virginia registry. This fee is the sum of:  
 Hosting fee: \$5,306  
 Independent Security Assessment fee: \$10,000.  
 Maintenance and Tech Support fee: \$40,326

**Extended Description:**  
 Vendor will provide software and software licenses to ten abstracting facilities and software to maintain the central registry data warehouse. System documentation and training by Vendor will be available. Vendor will support its use Monday through Friday 11:00 am to 5:00 pm Eastern Standard Time.

## **Attachment A**

### **CRFQ for WVCR Central Registry and Hospital Abstracting Data Systems**

Information Management Services, Inc. (IMS) is pleased to submit a quote for CRFQ EPS2400000001 (Cancer Registry Data System). If awarded, IMS will develop, customize, host, and maintain an instance of the SEER Data Management System (SEER\*DMS) for the West Virginia Cancer Registry (WVCR). In addition, IMS will migrate the WVCR data from their current data management system into SEER\*DMS WVCR.

SEER\*DMS supports all core functions of a central cancer registry – loading data via file imports or data entry, editing, consolidation, linkages, data submissions and reporting. WVCR will have the option of either using SEER\*DMS in support of both central registry operations and hospital abstracting; or using SEER\*DMS in support of central registry operations and the SEER Abstracting Tool (SEER\*Abs) in support of hospital abstracting.

SEER\*DMS is a central registry software application that was developed and is managed by the NCI SEER Program to collect cancer incidence and related information from population-based cancer registries. Information Management Services, Inc. (IMS) designed and developed the software under contract to the NCI SEER Program. SEER\*DMS improves cost efficiency and reduces duplication of effort in terms of system maintenance and administration. The centralized system design and development improves data quality and consistency, increases efficiency, and increases the sharing of knowledge and experience among registries. Therefore, the NCI SEER Program would like to make the software available to all interested central cancer registries. SEER\*DMS is configurable in several areas, such as workflow, supported data items, import file formats, extracts, and edits. This allows a single code base to be customized to a particular registry.

#### **Qualifications**

IMS has nearly 50 years of experience in software development and data analysis related to cancer surveillance. Software developed and maintained by IMS include statistical software such as SEER\*Stat and JoinPoint; and software to support registry operations such as SEER\*DMS, SEER\*Abs, Match\*Pro, NAACCR\*Prep, and File\*Pro. IMS developed algorithms to apply the Solid Tumor, Multiple Primary, and Histology Coding rules; these are available in a Java library that are used by SEER\*DMS, Match\*Pro, and other cancer surveillance tools.

The first production instance of SEER\*DMS was deployed in 2005. As of May 2024, there are twenty-seven production instances of SEER\*DMS that support registry operations for twenty central registries funded by SEER and/or NPCR, six state-level pediatric registries, and the National Childhood Cancer Registry.

#### **System Requirements**

SEER\*DMS allows the user to interact with the registry's database through an interface displayed in a web browser. This design reduces maintenance of individual workstations and provides a mechanism for simultaneously delivering system upgrades to all registry desktops. Standard web browsers are supported, including Google Chrome, Mozilla Firefox, and Microsoft Edge. Adobe Reader may be required to view or print reports if it is not available within the browser. SEER\*DMS processes are executed on a server accessed via a secure connection.

Registries may allow hospital abstractors to access their instance of SEER\*DMS for the purpose of direct abstracting or uploading files created in other abstracting tools. Several SEER\*DMS registries use the SEER\*Abs software to support hospital abstracting. IMS works with each registry to define and implement an abstracting solution appropriate for the registry using either SEER\*DMS or SEER\*Abs. SEER\*Abs is a publicly available abstracting tool that a registry can use with no cost. IMS implements registry configurations and provides technical support.

## **Data Submissions & Linkages**

SEER\*DMS provides a push button mechanism for creating the data submission files required by standard setters such as NAACCR, NPCR, and SEER. IMS staff monitor yearly changes to submission requirements and update the extracts as needed.

The extract module includes pre-defined extracts for standard national linkages such as IHS, NDI, and SSA. SEER\*DMS has functionality to support the direct import of the IHS, NDI and SSA linkage results.

There are system extracts to support Interstate Data Exchanges, the CDC DQE, the NAACCR Tumor De-duplication protocol, Batch Geocoding for the NAACCR Geocoder, and other surveillance projects.

## **Statistical Analysis**

SEER\*DMS includes a variety of integrated reports and dashboards which summarize registry productivity, track data through the system, and provide quality control and completeness metrics.

Research and technical staff can use system extracts and ad hoc queries to extract data sets, generate frequencies and other basic statistics. Complex statistical analyses including incidence and survival statistics can be calculated using the SEER\*Stat software. SEER\*DMS provides a convenient mechanism to create registry databases for SEER\*Stat.

## **Physician and Reporting Facility Lists**

SEER\*DMS maintains information about organizations and facilities that collaborate with the cancer registry and contact information for physicians and representatives of these organizations. The facility and contact lists are referenced throughout SEER\*DMS when selecting values for data fields, tracking data and follow-back sources, and managing abstracting assignments.

## **Death Clearance**

The SEER\*DMS Death Clearance Manager is a module that supports registry death clearance processes. SEER\*DMS includes death clearance algorithms based on the NAACCR Death Clearance Manual.

## **Geocoding**

SEER\*DMS provides direct support for two geocoding options: Geocodio and the NAACCR Geocoder (AGGIE). Each registry can choose whether to use Geocodio to set census related fields and apply address standardization in real time (derived fields are updated whenever an address field is changed). SEER\*DMS also includes extract and import functionality to fully support the NAACCR Geocoder's batch geocoding processes.

## **Edits Supported in SEER\*DMS**

Patient data are validated against standard edit sets and registry-specific edits. The SEER, NPCR, NCDB, and NAACCR Call for Data edits are available in SEER\*DMS and updated in a timely manner. The SEER\*DMS Edits Dashboard provides a real time view of edit failures. The SEER\*DMS Edits Manager provides an interface for writing registry edits and for controlling the use of standard setter edits.

## **Data Security**

The registry's instance of the SEER\*DMS application and database are hosted at an IMS computer center. Each registry's production environment is housed in one IMS datacenter and the other datacenter hosts a backup copy. Data are continually copied from the primary to the backup datacenter so that no more than one hour of work would be lost in a catastrophic event.

IMS has multiple NIH approved IT System Security Plans in place that meet the OMB Circular A-130 security guidelines and the NIST guidelines for IT system security at the FISMA "moderate" level. An ATO for SEER\*DMS was issued by the NCI and is in effect until April 2027. SEER\*DMS is a SOC 2 Type 2 audited system. Detailed reports related to information security will be made available, upon request.