

1. **Section 2.3 (and 2.4)** - The request is for Windows Server 2016 Enterprise Operating System – Is 2016 Standard Server Licensure acceptable here? Note, 2016 is only available in standard and Data Center Licensure.

RESPONSE: Yes. Windows Server 2016 Standard or Windows Server 2016 Data Center is acceptable.

2. **Section 2.4** – SQL Management Studio is requested. This is a free application – Is Microsoft SQL Server Standard Licensure acceptable?

RESPONSE: Yes.

3. Does ILA have any requirements on where the services provided in the RFP must reside geographically?

RESPONSE: No, however Part 1.10 indicates, *“If only one of the vendors tied for an award is an Iowa business, the Iowa business shall be given preference over all tied out-of-state businesses.”*

4. What is the planned storage layout for the Web Servers? The RFP mentions min. 350 GB per server, but what are the requirements per drive?

a. *Ex. 100GB OS C:, 50 GB Applications, 200 GB Data*

RESPONSE: The Lottery will discuss winning Vendor’s proposed recommendations, but a default starting point for Web Server disk sizing could be:

- C:\ drive for the Operating System being 150 GB and the
- D:\ drive being 200 GB for IIS website data and IIS logs.

5. What is the planned storage layout for the Database Servers? The RFP mentions min. 750 GB per server, but what are the requirements per drive?

a. *Ex. 100GB OS C:, 50 GB Applications, 100 GB Temp, 500 GB Database & logs*

RESPONSE: The Lottery will discuss winning Vendor’s proposed recommendations, but a default starting point for Database Server disk sizing could be:

- C:\ drive for the Operating System being 150 GB, the
- D:\ drive being 500 GB for SQL data, SQL logs, local SQL backups, and
- 100 GB remaining for Temp.

6. What version of SQL licensing is required, Standard or Enterprise?

RESPONSE: Microsoft SQL Server 2016 Standard (or newer).

7. Does ILA have any specific backup retention requirements? What backup retention periods are required?

a. *Ex 7 daily, 4 weekly, 4 monthly, 1 yearly backup Recovery points*

RESPONSE: One (1) daily backup at 3 A.M. plus the previous two (2) Sundays at 3 A.M. backups.

8. Are there any compliance requirements for data encryption at rest?

RESPONSE: No. The Lottery will handle the data encryption process, though the Vendor may propose optional pricing for other data encryption-at-rest solutions.

9. Is Active Directory Domain Services required?

RESPONSE: No.

10. Will existing SQL licensing be utilized?

RESPONSE: Only if the SQL Servers remain at the current web-hosting vendor.

How is SQL server licensed?

RESPONSE: The Vendor licenses the software and includes this in the monthly price in Appendix A - Parts 2 and 2.4.

Do we need to consider isolation to reduce hardware costs?

RESPONSE: Vendor may propose other pricing options so long as the requirements in Part 2 are included.

Will SQL AlwaysOn be utilized?

RESPONSE: No, the Lottery does not have this as a requirement; however, the Vendor may choose to propose this feature in a response to Part 2.7.

11. What are the Operational Requirements (OR) for recovery time inside the data center?

RESPONSE: The Lottery will work with the winning Vendor to establish OR so that website operations may function properly. The Vendor response may include recommendations for OR.

12. What are the Recovery Time Objectives (RTO) and Recovery Point Objectives (RPO) for the applications being hosted for disaster recovery?

RESPONSE: The RTO is 2 hours and the RPO is the most recent daily website backup and/or the most recent daily database backup.