



**TO:**

Bridget Simpson  
 Ohio EPA  
 P 614.644.0043 E bridget.simpson@epa.state.oh.us

**SWOVA CONTACT:**

Angie Jennings  
 P 859.344.1383 M 859.250.3187  
 angie@swova.com

**QUOTE DATE:** February 22, 2010

**PROJECT:** ArcGIS Server Hosting

Based on your request, Swova has developed this quote for ArcGIS Server hosting services detailed in this document. If you have any questions or would like to discuss this quote in more detail, please do not hesitate to contact me via phone at 859.344.1383 or via email at [angie@swova.com](mailto:angie@swova.com). Swova is a GIS implementation company headquartered in the Cincinnati, OH area and is an ESRI Business Partner. We propose the following services to address your immediate ArcGIS Server hosting and implementation needs:

**Option 1 ArcGIS Server Hosting with EPA Owned Servers**

At project inception, Swova will assist the Ohio EPA in specifying server configurations for the production and test environments that meet the specified requirements of ESRI's ArcGIS Server, your RDBMS, and your storage requirements. Swova will install and configure ArcGIS Server on the new servers purchased by the Ohio EPA utilizing the Ohio EPA ESRI server licenses. During this task, the software for the hosting servers will be installed and configured properly for the ArcGIS Server 9.3.1 for the Microsoft .NET Framework and ArcSDE. This includes proper user accounts, administration/user privileges, and the web server software. Swova will perform these setup and configuration services through this task along with configuring the web server to comply with ArcGIS Server 9.3.1 requirements.

This task also includes costs for Swova hosting Ohio EPA's dedicated ArcGIS server for 12 months. The hosting is renewable each year for a 12 month period. The Ohio EPA will have direct authenticated access to the servers through ArcGIS Server Manager to administer, manage, and setup new services. ArcGIS Desktop can also be installed on the servers to better manage local resources on the servers. The EPA would need to provide the ArcGIS Desktop license to run on the server.

Our hosting environment provides:

- Redundant network/internet connections
- Full suite of hot spare servers, routers, and network equipment
- Backup Power Supply units
- 24 hour x 7 days per week x 365 days per year system/environment monitoring
- Hot spare at a remote site
- Backups stored off site

<b><i>Deliverables</i></b>	Install and Configure Ohio EPA's Server in Hosting Environment One Year (12 months) of Hosting for each server Documentation of ArcGIS Server Manager Login and Use
<b><i>Production Server Cost (1<sup>st</sup> year)</i></b>	\$7,620*
<b><i>Development Server Cost (1<sup>st</sup> year)</i></b>	\$7,620*

*\*Ohio EPA will be billed on an annual basis for the hosting services for the upcoming 12 month period.*

### Option 1 ArcGIS Server Hosting – Years 2 & 3

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This task includes costs for Swova hosting the Ohio EPA’s dedicated servers for years two and three. Swova will invoice at the beginning of the hosting year for 12 months of hosting services. The invoice will document the beginning and ending month for the hosting payment.

<b>Deliverables</b>	Year 2 Hosting (12 months) Year 3 Hosting (12 months)
<b>Year 2 Cost</b>	\$5,700 per server each year. Total is \$11,400 each year for 2 servers.
<b>Year 3 Cost</b>	\$5,700 per server each year. Total is \$11,400 each year for 2 servers.

### Option 2 ArcGIS Server Hosting with Swova Owned Servers

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At project inception, Swova will install and configure ArcGIS Server on Swova servers utilizing the Ohio EPA ESRI server licenses. During this task, the software for the hosting servers will be installed and configured properly for the ArcGIS Server 9.3.1 for the Microsoft .NET Framework and ArcSDE. This includes proper user accounts, administration/user privileges, and the web server software. Swova will perform these setup and configuration services through this task along with configuring the web server to comply with ArcGIS Server 9.3.1 requirements.

This task also includes costs for Swova hosting two dedicated servers for production and test ArcGIS server environments for 12 months. The hosting is renewable each year for a 12 month period. The Ohio EPA will have direct authenticated access to the servers through ArcGIS Server Manager to administer, manage, and setup new services. ArcGIS Desktop can also be installed on the servers to better manage local resources on the servers. The EPA would need to provide the ArcGIS Desktop license to run on the server.

Our hosting environment provides:

- Redundant network/internet connections
- Full suite of hot spare servers, routers, and network equipment
- Backup Power Supply units
- 24 hour x 7 days per week x 365 days per year system/environment monitoring
- Hot spare at a remote site
- Backups stored off site

<b>Deliverables</b>	Install and Configure the servers in Hosting Environment One Year (12 months) of Hosting for each server Documentation of ArcGIS Server Manager Login and Use
<b>Production Server Cost (1<sup>st</sup> year)</b>	\$9,420*
<b>Development Server Cost (1<sup>st</sup> year)</b>	\$9,420*

*\*Ohio EPA will be billed on an annual basis for the hosting services for the upcoming 12 month period.*

### Option 2 ArcGIS Server Hosting – Years 2 & 3

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This task includes costs for Swova hosting two servers for years two and three. Swova will invoice at the beginning of the hosting year for 12 months of hosting services. The invoice will document the beginning and ending month for the hosting payment.

<b>Deliverables</b>	Year 2 Hosting (12 months) Year 3 Hosting (12 months)
<b>Year 2 Cost</b>	\$7,500 per server each year. Total is \$15,000 each year for 2 servers.
<b>Year 3 Cost</b>	\$7,500 per server each year. Total is \$15,000 each year for 2 servers.

## Optional Services

### Optional Task Administration and Technical Support Services

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As an option, Swova will provide on-going support to the Ohio EPA for the ArcGIS Server administration and technical support. This on-going support will be available on a per hour basis for items requiring support that the Ohio EPA could encounter as it begins to utilize the ArcGIS Server implementation and application. These items include, but are not limited to: identify and implement user permission settings; management of web services/viewers, modification of application services/web viewers, creation/maintenance of data update automation scripts; addition of new or changed data.

Initially, Swova will invoice for a block of 40 hours for the Ohio EPA to tap and utilize as necessary or required for server administration support services or application technical support. As utilized, Swova will send a monthly update of hours expended against the escrow hours. The Ohio EPA may renew additional hours at any time.

<b><i>Deliverables</i></b>	Administration/Technical Support (Block of 40 Hours)
<b><i>Cost</i></b>	\$5,200