

**Price Quote to City of Columbus Department of Public  
Utilities for GeoWorx® Sync Software License**

**Prepared by  
GeoNexus Technologies, LLC.**

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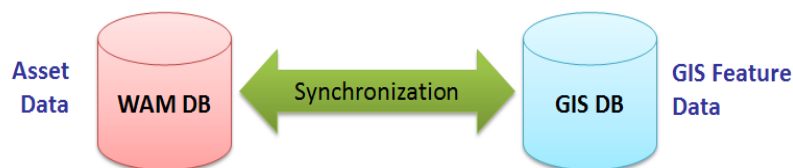
## Introduction

GeoNexus Technologies is please to provide this proposal for GeoWorx Sync Software License and Annual Support and Maintenance to the City of Columbus Department of Public Utilities.

## Software Description

### GeoWorx® Sync

GeoWorx Sync is responsible for synchronizing the Esri Geodatabase and the Oracle WAM database. This is the most important piece to the integration of Esri ArcGIS with Oracle WAM. Without data synchronization, the GIS and WAM systems will not be reliable from a data accuracy perspective. GeoWorx Sync ensures the GIS and WAM databases are aligned, providing a single consistent asset inventory as data is modified in either system.



Features in GIS such as hydrants, pipes, valves, and services are associated to asset records in Oracle WAM by a common identifier (WAM\_ID in GIS and ASSET\_ID in WAM). GeoWorx Sync uses this relationship when synchronizing data back and forth between these two databases. GeoWorx Sync has a cross reference table that governs the synchronization process. During the installation and configuration process, the cross reference table is populated with information that maps attributes in GIS to corresponding specifications in WAM. Business rules are established for synchronization direction during configuration. GeoWorx Sync also has a default table that contains information about default values that are used when new assets are created in Oracle WAM from GIS.

The following functions are provided in GeoWorx Sync

Function	Description
Create Asset in WAM	When a new feature is created in GIS the synchronization process will automatically create an associated asset record in Oracle WAM. The id value entered into GIS (WAM_ID) will be populated in the ASSET_ID field in Oracle WAM. Default values for required fields will be populated in WAM as defined in the Worx Sync Defaults table.
Synchronize Attribute and Specification Changes	When a change to an attribute is made in GIS or a change is made to a specification value in Oracle WAM the synchronization process will synchronize the data based on business rules governing data flow direction specified in the Worx Sync cross reference table.

### Road Map Strategy

GeoNexus Technologies is planning the following related to GeoWorx Sync:

1. Email notification with reports of synchronization results
2. Support “where clause” to restrict data that is synchronized from GIS
3. Create GIS records with NULL geometry from new asset created in WAM
4. New robust graphical user interface (GUI) for simple configuration
5. Domain value translation

## Fees

The following outline the fees for software license and annual support and maintenance for GeoWorx Sync.

### Software License Fee

ITEM	QTY	FEE
GeoWorx Sync Software for 1 Million Records. Includes 12 months of Software Support and Maintenance.	1	\$80,000
Additional Sync Records for \$2,000 per 25K Records.	-	-
<b>Total Software License Fee</b>		<b>\$80,000.00</b>

\* Price quoted does not include sales tax. Applicable sales tax will be included in the GeoNexus invoice.

\*\* Price quote valid for 60 days.

### Annual Software Support and Maintenance Fee

The initial Software Maintenance and Support Term (Initial Term) is effective from the contract execution date for 12 months and is included in the license fee. Following the initial term, Maintenance and Support will be made available to the City by GeoNexus Technologies on an on-going basis for an annual fee equal to twenty percent (20%) of the regular software license fee, plus applicable sales tax.

ITEM	QTY	ANNUAL FEE
Software Support and Maintenance for GeoWorx Sync. Includes technical support for installation, configuration and issue resolution via telephone, email, and remote desktop plus software updates and fix packs.	1	<b>\$16,000.00</b>

\* Price quoted does not include sales tax. Applicable sales tax will be included in the GeoNexus invoice.

### Professional Services

The City has the option to procure professional consulting services from GeoNexus Technologies to support needs above and beyond standard remote support and issue resolution included as part of the software support and maintenance agreement. GeoNexus is recommending that the City allocate funds for services from GeoNexus Consultants based on Time and Materials to support the following:

- Initial implementation activities
- Database design recommendations
- Onsite meetings, training, user support

- Development of database views, procedures, and links
- Development and guidance for data loading and reconciliation
- Collaboration with City Oracle WAM implementers and consultants
- General consulting related to Oracle WAM and GIS Integration

ITEM	HRS	FEE
Professional Services from GeoNexus Technologies based on Time and Materials for up to 200 hours.	200	\$35,000.00
Estimated Expenses (2 trips)	-	\$5,000.00
<b>Total Professional Services</b>		<b>\$40,000.00</b>

\* Invoiced monthly based on time and expenses expended for invoice period.

## Summary of Fees

The following is a summary of proposed fees. Price quoted does not include sales tax. Applicable sales tax will be included in GeoNexus invoices.

<b>Software License Fee</b>	<b>\$80,000.00</b>	One-time payment invoiced by December 31, 2013.
<b>Professional Services</b>	<b>\$40,000.00</b>	Invoiced monthly based on time & materials.
<b>Annual Support and Maintenance</b>	<b>\$16,000.00</b>	Invoiced annually starting second year.