



PROPOSAL

AMS Implementation Services

Prepared for:

Whitestown, IN

June 5, 2022

CONTACT:

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About Centricity GIS

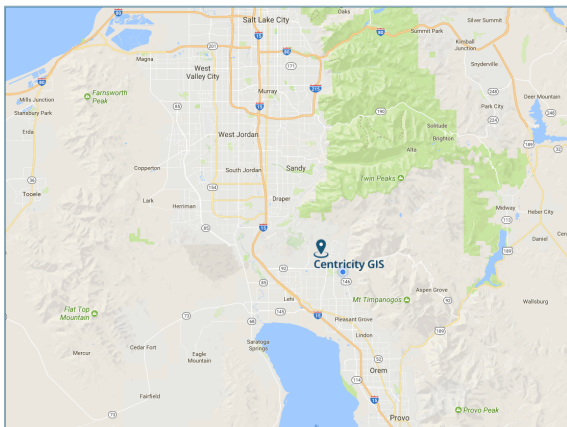
Introduction

Centricity GIS, LLC is a GIS Consulting company offering implementation, data, and application development services. Our founder, Brandon Wright, has 18 years of experience in GIS, Asset Management, and systems integration. All of our technical staff have at least 5 years of expertise in their discipline.

In addition to providing services for specific projects, we are also able to augment an agency's staff by providing resources such as programmers, analysts, and technicians on site.

Centricity GIS is a Cityworks Business Partner specializing in CMMS and GIS services for public agencies such as Cities, Counties, and Water Agencies. As a partner, we specialize in the implementation of Cityworks and ESRI technologies. From out of the box using Esri's ArcGIS for Local Government solutions to custom PLL implementations, we can help agencies realize their return on investment as quickly as possible.

We are located in Cedar Hills, Utah, about 30 minutes from Cityworks headquarters.



Experience.

Centricity GIS is a full-service, multidisciplinary asset management and permitting system consulting firm. We provide consulting services to municipal governments and private and public utilities.

Our project team will use tried and true implementation strategies that focus on your business processes and workflows, system requirements and training.

Centricity GIS has performed over 50 unique Cityworks implementations over nearly 18 years in the Asset Management and Permitting Industry. The flexibility and power of the Cityworks platform correlates with our extensive knowledge in system design and implementation.

Our business process knowledge in permitting allows us to be efficient and effective during all of the phases of implementation.

Centricity GIS has in house developers that focus on core Cityworks integrations and development tools. We have a history of integrating with Cityworks for many types of systems including:

- Customer Account Information
- Financial Systems
- Utility Billing
- SCADA
- AVL
- Citizen Reporting

Cover Pages/Executive Summary

June 5, 2022

Subject: Cityworks AMS Implementation

David:

This proposal is for providing implementation services for the Cityworks AMS solution. The Cityworks solution is wholly unique because it is the only system that completely leverages your GIS parcel records throughout your work process. In other words, we will use your map data as the system of record, rather than try to sync your GIS records with your asset management database.

Centricity GIS is a Cityworks Business Partner and is based in Cedar Hills, Utah. I previously worked for Cityworks and have over 18 years of experience in completing Cityworks implementation projects.

This proposal includes the following services:

- Workflow Review Meetings (Onsite)
- Initial Cityworks AMS Database Configuration for Water, Wastewater, Streets, Fleet Maintenance, Parks and Facilities
 - Service Requests (20 Custom), Work Orders (40 Custom), Inspections (15 Custom) Setup
 - Employees, Materials & Equipment
 - Cityworks Local Government Templates
- Review of Configured Database (Onsite)
- Admin User Training (Onsite)
- End User Training (Onsite)
- Rollout Support
- Ad-Hoc Support
- WinCan Interface for Cityworks
- Data Migration Discovery Meeting

We are very excited about this opportunity. Please let me know if you have any questions or concerns regarding this proposal.

Sincerely,



Brandon Wright
Founder | President

Approach and Methodology

A. INTRODUCTION

This scope of work identifies the tasks required for the successful improvement of the City's current Cityworks implementation. Centricity GIS understands that the following requirements have been identified by the City, and will be included in implementation:

- Workflow Review Meetings (Onsite)
- Initial Cityworks AMS Database Configuration for Water, Wastewater, Streets, Fleet Maintenance, Parks and Facilities
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 - Employees, Materials & Equipment
 - Cityworks Local Government Templates
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- Admin User Training (Onsite)
- End User Training (Onsite)
- Rollout Support
- Ad-Hoc Support
- WinCan Interface for Cityworks
- Data Migration Discovery Meeting

The following tasks are included in this scope of work:

TASK 1: WORKFLOW REVIEW MEETING (ONSITE - 1 DAYS)

Meet with City staff to review workflows that will be created and configured in the Cityworks AMS Application

Tasks:

1. Meet with City staff to review and understand the City workflows for Cityworks AMS for: **Water, Wastewater, Streets, Fleet, Parks and Facilities.**
2. Get documentation from City that will provide the basis for the AMS configuration.
 - a. Print Documents
 - b. Reports
 - c. Diagrams, Etc.

Deliverable Milestones:

a. Meeting Notes

TASK 2: INITIAL CITYWORKS DATABASE CONFIGURATION

Configuration of Cityworks system and database.

Tasks:

1. Cityworks Database Configuration for:
 - a. Water
 - b. Wastewater
 - c. Streets
 - d. Fleet Maintenance
2. Workflows
 - a. Service Requests (20 Custom)
 - b. Work Orders (40 Custom)
 - c. Inspections (15 Custom)
 - d. Employees, Material, Equipment
 - e. Tasks
 - f. Cityworks Local Government Templates
3. Reports
4. GIS Integration
5. Field Module Setup

Deliverable Milestones:

a. Configured Database

TASK 3: REVIEW OF CONFIGURED DATABASE (ONSITE/REMOTE)

Meet with City staff to review workflows and Cityworks setup that has been configured.

Tasks:

1. Database Review
2. Workflow changes and configuration changes as needed

Deliverable Milestones:

- a. Meeting Notes
- b. Configuration changes

TASK 4: ADMIN TRAINING (ONSITE – 1 DAYS)

Centricity GIS will provide onsite training for the primary, or “Administrator” users of Cityworks. The City will provide the training facility and computers necessary for staff use.

Following the training of Administrator users, Centricity GIS will conduct a “Train-the-Trainer” style session with key department staff. The purpose of this training is to provide knowledge and steps necessary to train all other field personnel who will use the system.

Training will occur over 1 day

Deliverable Milestones:

- a. Admin and User Training completed
- b. Copy of training material used in training session delivered in digital format (PDF)
- c. Go-live

TASK 5: END USER TRAINING (ONSITE – 2 DAYS)

Centricity GIS will provide onsite training for the primary, or “End Users” of Cityworks. The City will provide the training facility and computers necessary for staff use.

The purpose of this training is to provide knowledge and steps necessary to train all other field personnel who will use the system.

Training will occur over 2 days

Deliverable Milestones:

- a. User Training completed
- b. Copy of training material used in training session delivered in digital format (PDF)
- c. Go-live

TASK 6: ROLLOUT SUPPORT (ONSITE - 1 DAYS)

After the configuration, installation and training phases have concluded, we will provide Onsite rollout support.

1. Determine with department manager/champion what data/inboxes need to be displayed.
2. Build Dashboards – Build end user and management inboxes/dashboards
3. Cityworks Reconfiguration that needs completed based on Work Flow Meetings and Admin training.
4. Configuration of Mobile Apps.

Deliverable Milestones:

- a. Onsite Roll Out Support

TASK 7: DISCUSSION ON DATA MIGRATION (DISCOVERY)

Meeting and Discuss if Data Migration should be done, and if so what data points/types should be migrated into Cityworks.

1. Determine if Data Migration is necessary
2. If determined what data should be migrated into Cityworks

Deliverable Milestones:

- a. Plan to migrate or not migrate data into Cityworks

TASK 8: WINCAN INTERFACE FOR CITYWORKS

Setup and Configuration of the WinCan Interface for Cityworks.

1. City must have the WinCan system setup with all appropriate licensing in place with WinCan
2. Connection of Cityworks to WinCan
3. **Requires Cityworks WO Basic API and Inspection API Licenses**

Deliverable Milestones:

- a. Setup of WinCan Interface for Cityworks

TASK 9: AD-HOC SUPPORT

After the configuration, installation and training phases have concluded, we will provide troubleshooting and support services. **Used as needed up to 20 hours.**

1. Determine with department manager/champion what data/inboxes need to be displayed.
2. Build Inboxes – Build end user and management inboxes
3. Cityworks Reconfiguration that needs completed based on Work Flow Meetings and Admin training.
4. Configuration of Mobile Apps (if applicable licenses from Cityworks apply)
5. Crystal Report Development
6. Dashboards and KPI's

Deliverable Milestones:

- a. Support as needed at negotiate rate

Firm Description & Project Organization

Centricity GIS, LLC is a multi-service organization providing specialized services in Field Asset Surveying, Geographic Information Systems (GIS) and application software services. CENTRICITY GIS provides professional services including consulting, training, staffing and technical support.

We continue to set the standard for high quality GIS Centric and Cityworks implementation projects, especially in utility industry for Water, Sewer, Storm, Gas and Electric backed by staff with a wide range of industry and technical experience having over 18 years of experience in GIS and 25 years in Cityworks implementation.

CENTRICITY GIS is a Dun & Bradstreet verified business

Partners:

- Cityworks Business Partner Network
- ESRI Silver Partner



Management

Mr. Brandon Wright, founder of Centricity GIS, LLC, graduated with a B.S. degree in Business Information Systems from the University of Colorado, USA. He has over 18 years of professional experience in Cityworks and GIS within the Asset Management industry and has successfully completed over 50 Cityworks related projects. Most of his project experience is in implementing Cityworks systems with government agencies throughout United States. His core competency is in implementing Cityworks Asset Management solutions for government agencies (Water, Wastewater, Parks & Rec, etc).

Mr. Wright manages the strategic planning, business development and company operations for CENTRICITY GIS. He also serves as client liaison officer on all the projects by overseeing scope, schedule, budget and time frame.

Specialties: Asset Management, Data Conversion, and Project Implementation.

PROJECT MANAGEMENT APPROACH:

The CENTRICITY GIS President and Project Manager will attend progress meetings with the City team to provide status updates for on-going tasks. CENTRICITY GIS will also submit monthly progress reports and invoices, accompanied with a detailed delivery report.

Deliverables

- Monthly progress report
- Monthly invoice with detailed delivery report

Software Skills

GIS Software: ArcGIS Desktop, ArcGIS Online, ArcGIS Server, ArcGIS Pro

Asset Management Software: Cityworks PLL and AMS

Databases: Access, SQL Server, Oracle, Geodatabase

Reporting Tools: Crystal Reports, SQL Server Reporting Services

Qualifications and Past Performance

The following table shows the combined project experience of our team.

- Centricity GIS Reference Sites

Client	Implementation	Support	PLL	AMS	Reporting	Integrations
Moses Lake, WA	✓	✓	✓	✓	✓	✓
West Valley City, UT	✓	✓	✓	✓	✓	✓
Park City, UT	✓	✓		✓	✓	
Herriman, UT	✓	✓	✓	✓	✓	✓
Saratoga Springs, UT	✓	✓	✓	✓	✓	
Rancho Palos Verdes, CA	✓	✓		✓	✓	
Las Gallinas Valley Sanitary District, CA		✓		✓		
Redlands, CA	✓	✓	✓	✓	✓	✓
Cook County, IL	✓	✓	✓	✓	✓	
DDOT, Washington, DC	✓	✓		✓	✓	
Apex, NC	✓	✓		✓	✓	
Houston, TX	✓	✓		✓	✓	
Ruidoso, NM	✓	✓		✓	✓	

EDUCATION

Bachelor of Science
Degree, Business
Information Systems,
University of Colorado



Brandon Wright Founder/Project Oversight

Mr. Wright has over 18 years of experience providing Asset Management and GIS services to public agencies. Mr. Wright has been responsible for directing asset management projects and addressing logistical and technical concerns. Prior to working at Centricity GIS, Mr. Wright worked Cityworks for 10 years.

Services include database development/administration and maintenance, map creation, needs assessment, implementation and integration. Integration services include integrating GIS databases (SQL Server or Oracle) with other systems such as Asset Management Systems, Customer Billing, Document Management and Work Orders. He also provides system training, and general IT consulting services.

Summary of Skills

- Expertise using ESRI's ArcGIS software products, ArcGIS Desktop 10.x, ArcGIS Server, ArcGIS Online
- Experience in administration of Cityworks AMS & PLL
- Cityworks PLL Administration Training
- Expertise in Mapping, GIS Data Modeling, Systems Integration, Needs Assessments
- Over 18 years of Project Management experience
- Database experience with SQL Server, Oracle, and Microsoft Access

Representative Projects

- Moses Lake, Washington, Cityworks and PLL Implementation
- Rancho Palos Verdes, Cityworks Implementation
- Vista Irrigation District, Cityworks Implementation
- San Mateo, Cityworks Implementation
- Cook County, IL, Cityworks and PLL Implementation
- Saratoga Spring, UT, Cityworks and PLL Implementation
- Houston, TX, Cityworks Implementation/Expansion
- DDOT (Washington, D.C.), Cityworks Implementation/Expansion
- Columbia, SC, Cityworks Implementation/Expansion
- Lafayette, LA, Cityworks Implementation
- El Paso, TX, Cityworks Implementation/Expansion
- Apex, NC, Cityworks Implementation

Project Implementation Schedule

The schedule to complete this project is below.

We are prepared to begin work on this project upon your Authorization to Proceed and will coordinate with you, as required.

Task	Description	Month 1	Month 2	Month 3	Month 4
1	Workflow Review (Kickoff) Meeting				
2	Initial Cityworks AMS Configuration				
3	Database Review Meeting				
4	Admin User Training				
5	End User Training				
6	Rollout Support				
7	Data Migration Discovery Meeting				
8	CCTV Interface for Cityworks				
9	Post-Installation Support (Up to 40 hrs)				20 Hrs

Notes:

Task 9 will start once all deliverables are accepted under the scope of work and will continue until all hours are used.

- Final Schedule will be determined based on optional tasks selected.

Fee/Cost Proposal

Task	Description	Total Cost
1	Workflow Review Meetings (1 Days Onsite)	\$ 2,500
	Workflow Meetings Meeting Notes	
2	Initial Cityworks Database Configuration	\$ 25,000
	All groups as outlines in details section	
3	Database Review (Remote)	\$ 1,500
	Meeting Notes and Action Items	
4	Admin User Training (1 Day Onsite)	\$ 2,500
	Onsite Administrator Training for City Admins	
5	End User Training (2 Days Onsite)	\$ 5,000
	Onsite End User Training for City Users	
6	Rollout Support (1 Days Onsite)	\$ 2,500
	Onsite Support for End Users when system goes live	
7	Data Migration Discovery Meeting	\$ No Fee
	Meeting to discuss/discover data migration strategy	
9	Ad-Hoc Support (up to 20 hours)	\$ 4,000
	Billed Hourly as used/needed \$200/Hr	
	<u>Training and Onsite Visits (Core Implementation)</u>	\$ 39,000

Task	Description	Total Cost
8	WinCan Interface for Cityworks (Optional)	\$ 11,802
	Integration for Cityworks and WinCan <ul style="list-style-type: none"> • Requires Cityworks WO Basic API and Inpection API Licenses • Requires WinCan Expert License for the CCTV Truck • See WinCan Summary below 	
	<u>Training and Onsite Visits (Core Implementation)</u>	\$ 11,802

PRODUCT #	DESCRIPTION	LIST PRICE
VX-EXPERT-2-NET-SUB	ANNUAL 2 User WinCan VX Expert Network License includes: Section/Lateral/Manhole, Basic Reporting, Report Generator, Data Viewer, 3D, All languages & Standards, Map Expert/ArcGIS, Photo Assistant, Drawing function, Meta DB, Data Transfer Tool, SQL database option, Multiple Inspection, Grading, MPEG 1/2/4 Recording, Software Encoding and Text Generator. NASSCO Validator, Inclination, Local deformation & Crack width with laser, HD Video Capture. Work Order Management, Statistics, and GIS Queries.	\$6,261.75
AM-2220-SUB	Annual Cityworks Asset Management Module	\$1,320.00
W-1083-500GB	Web Flex 500 GB Annual WinCan Web Plan	\$2,500.00
T-WINCANTRAINING-WEB	Online Setup and Training with Online Instructor (4-8 hours total)	\$1,000.00
	TOTAL	\$11,081.75