

## Contract for GIS Products & Services for Clark County, Indiana

GIS Map Lite, Inc (the "Company") wishes to Implement a Geographical Information System (GIS) for the Clark County Board of Commissioners (the "Client") to be used by various offices within the county. The following defines the scope of products and services to be offered by the Company and the compensation to be paid by the Client.

1. **Summary:** The following is a summary of this contract. Each item is described in more detail below.
  - a) The company will develop a digital map of the Client's county that will include aerial photography, topography, road centerlines, water ways, Section lines, landmarks, bridge inventory, Culvert inventory, and Road Inventory.
  - b) The company will provide and install onto 6 computers all of the necessary software required to view, query, and edit the digital map. One computer will also be provided.
  - c) The company will keep the map up to date, provide technical support on using the software, synchronize data between users, and provide an off-site backup on a regular basis. Upgrades to the software will be automatically installed onto the Client's computers as they become available.
  - d) The cost of these products and services will be \$45,000 plus \$3,000 per year maintenance.
  
2. **Initial Map and Data Development:** All of the following data sets are included. All layers are positioned on the map to line up with each other and with the world.
  - a) Topography: A background raster image showing 5 or 10 foot interval contour lines will be included as a layer on the map. This information will come from scanned USGS Quad maps.
  - b) Aerial Photography: 1997 digital ortho photos will be included as a background raster image on the map. These photos will come from the USGS and have a 1 meter per pixel resolution and have been orthogonally rectified to remove relief displacement so that ground features are displayed in their true ground position.
  - c) Roads: The centerline of all roads, streets, highways, and railroads will be identified on the map. The locations of these features will be determined by the aerial photography and the names will come from city and county maps provided by the client. It is recommended that the client also provide the company with a copy of their Master Street Address Guide, or MSAG, so that all road name spellings can be checked to exactly match those used in the client's E911 system.
  - d) Streams, Lakes, and Rivers: All Major waterways will be drawn on the map and named according to maps provided by the client. The location of any remaining creeks, streams, and ditches that are not specifically identified will be visible on the aerial photography and topography layers.
  - e) Landmarks and Boundaries: Any towns, place names, and points of interest marked on maps provided by the client will be identified on the map. The limits of each City, Township, and Commissioner district will also be included.

- f) **Bridge Inventory:** The location of each county bridge will be pinpointed on the map based on map(s) provided by the client or other sources. Each bridge will be linked to a custom designed data sheet where detailed specifications and notes can be recorded. The company will convert or link any existing electronic data provided by the client or by INDOT into the database. Any photographs and sketches of each bridge will also be included in the database if provided by the client.
- **Road Inventory:** In addition to the base road layer, a more detailed road inventory layer will be included. Each segment of each county road will be identified with a unique segment number. Each segment on the map will be linked to a custom designed data sheet where detailed specifications and notes can be recorded. The company will convert or link into the database any existing road inventory data if provided by the client in an electronic format.
- **Culvert Inventory:** The location of each county culvert will be pinpointed on the map if map(s) are provided by the client showing their locations. Each culvert will be linked to a custom designed data sheet where detailed specifications and notes can be recorded. The company will convert or link into the database any existing culvert inventory data if provided by the client in an electronic format. Any photographs and sketches of each culvert will also be included in the database if provided by the client.

**3. Description of Software:** The Software provided with this contract is called "GIS Map Lite" version 3.6. A compiled Microsoft Access database and a runtime version of Microsoft Access is also included for each licensed user. This software and its components provide all the user interface necessary to view, query, and manipulate the map and its data.

a) The following is a summary of the functionality included in the software:

- The software provides various zooming and panning tools to make it possible to easily view any area of the map at any scale.
- Locate any named objects or location on the map by selecting them from an alphabetical index or by pressing the Map button from any data sheet.
- Users can query the database for a set of records matching any criteria based on any combination of field values and then show the results on the map.
- Point and click on any object on the map to view the data linked to that object (i.e. bridge, road, address, etc)
- Measure any distance or area.
- Layers can be turned on and off independently to customize the appearance of the map at each workstation.
- Import or Export data from and to other GIS applications.
- E911 interface to provide automatic pop-up map with each E911 call.
- Editing tools are included to assist in adding or changing any information.

b) **Hardware Requirements.** The software can be installed and ran on any computer provided by the client that meets the following minimum requirements:

- Windows 95, 98, NT or better operating system.
- 32 Megabytes of memory (128 recommended).

- 2 Gigabytes of hard disk space.
- 15" SVGA color monitor capable of displaying 16 bit color at 800 X 600 resolution or better. (21" recommended)
- Keyboard and mouse
- Modem and/or Internet Access. (required for data synchronization, backup, and support)

#### **4. Installation and Training:**

- a) **Use of Software:** The software will be licensed for use on 6 computers located in the county and used for county government purposes only. A list of these initial 6 users must be provided to the company prior to installation. The software may be installed on a network of computers but "use" of the software is limited to those users agreed upon prior to installation
- b) **Setup and Training:** When the project is completed company will install the software and data files into each department's existing computers and setup each workstation with a strategy of sharing data with the other departments. We will provide 16 man-hours of on site training to show each department how to use the system for their application.
- c) **Computer Hardware Provided by Company:** One computer will be provided by the company as part of this contract. The company will deliver and setup the computer at the location requested by the client.

#### **5. Maintenance:**

- a) **Data Maintenance:** The Company will maintain the data sets included in the Initial Map Development for the client as part of an ongoing maintenance agreement. All regular add, change, or delete requests from the client will be given to the company on paper or in some other agreed upon format. The changes will be made by the company and then electronically updated to the client's computer(s) periodically as agreed to with the Client.
- b) **System Support:** As part of this maintenance agreement, business hours phone support will be provided for one representative from each department using the system. Phone support will include answering questions regarding the use of the software and making changes to the system configuration to adapt to the client's changing needs.
- c) **Software Upgrades:** Any enhancements made to the GIS Map Lite system during the life of the maintenance agreement will be automatically uploaded to the client's computer(s) as they become available.
- d) **Data Synchronization:** This service will make it possible for departments not connected to the main county computer network (i.e. remote users) to share data with other departments. Remote users who have internet access on their computer will be able to automatically dial into the company's system and send or receive map updates.
- e) **Off Site Data Back-up:** The company will maintain a "back-up" of the client's Map Data off-site of the county. In case of fire, this data back-up will be provided to the county at no charge.

f) **Additional Services:** Any additions to the map requested by the client that are not covered in the above maintenance agreement can be added by the company at a cost of \$55 per hour. This would include any minor additions such as new map layers. An up front price for additions will be quoted based on this rate for each request. This rate is guaranteed for a period of 36 months.

**5. American Disabilities Act (ADA) Compliance:** GIS Map Lite, Inc. is in compliance with the American Disabilities act as an Equal Opportunity Employer and maintains a drug free work place and complies with all other state and federal guidelines pertaining to such.

**6. Price and Payment:** The above products and services will be provided for a price of \$45,000.00 plus \$3,000 Annual maintenance.

a) **Phase I:** \$22,500 Payment. To be delivered within 30 days after the signing of this contract. This includes the delivery of the software and base map including digital aerial photography and topography for the entire County

b) **Phase II:** \$25,500 Payment. To be delivered within 90 days following the signature of this contract. Includes the delivery of all remaining products including training. This payment includes one year of annual maintenance paid up front.

c) **Maintenance:** The Annual maintenance is \$3,000.00 per year to be payable quarterly or yearly at the start of each period. This covers all services described in section 5 above. The first year of maintenance is included in the phase II payment described above. The Company commits to locking in this annual rate for a period of 36 months from the date of acceptance.

d) **Additional Users:** For purposes of this contract, the company will provide additional user licenses for a one time cost of \$200.00 each as requested by the County Commissioners for a period of 12 months.

IN WITNESS WHEREOF, the parties have executed this Agreement as of this 19<sup>th</sup> day of September, 2000.

**Company:**  
GIS Map Lite, Inc.  
567 Westfield Blvd  
Indianapolis, IN 46208

By: Rex E. Jones  
Rex E. Jones

Title: President

**Client:**  
Clark County  
Board of Commissioners

By: [Signature]

By: [Signature]

By: [Signature]

Attest: Barbara Deas