

City of Three Rivers

2012 Geographic Information Systems
(GIS) and Orthoimagery Project

Addendum

February 20, 2012

This addendum to the 2012 Geographic Information Systems (GIS) and Orthoimagery Project outlines needed clarifications and corrections to the original Request For Proposals (RFP). The additions/corrections are shown in **bold** print. This addendum shall be included as a part of the original RFP and serves as the written notice.

Project Overview

Paragraph 1: The City of Three Rivers requests your firm to submit a **separate** written proposal to provide all services, supervision, labor, equipment, products and materials necessary to provide aerial photography, ground control services, orthoimages and topographic mapping services as described herein. Additionally, there is an opportunity to submit a **separate and independent of the City** written proposal for some or all of the above mentioned services for Westside Landfill (A Waste Management of Michigan, Inc. Facility) located in the greater Three Rivers area; separate RFP enclosed.

Ground Controls and Verification

Paragraph 1: The City will provide information on 15 semi-permanent photo control stations to the accepted Contractor. These monuments have been established for previous aerial orthoimagery utilizing both conventional and GPS survey procedures with Second-Order horizontal and Third-Order vertical survey. The City's coordinates are based on Michigan High Accuracy Reference Network of 1994 (HARN94) which is a refinement of the North American Datum of 1983 (NAD83), with further reference to the Michigan State Plane Coordinate System, South Zone and the North American Vertical Datum of 1988 (NAVD88) in international feet. **This is to clarify that the "Photo Control Coordinate Listing" created by Woolpert in 2002 (attached to the original RFP) was corrected from US Survey Feet to international feet as stated above.**

Resolution, Scale, and Format Requirements

Option 1: The digital orthoimagery shall be delivered in **one-half foot (0.5')** native ("native" meaning: pixel resolution of final orthoimagery should match the pixel resolution of the raw imagery) resolution at 1" = 100' (1:1200) map scale to meet or exceed the American Society of Photogrammetry and Remote Sensing ASPRS Class I Mapping Accuracy Standards for Digital Orthophotography and Large-Scale Mapping. Products not meeting or exceeding the ASPRS Class I Mapping Accuracy Standards shall be interpreted as errors and must be corrected. Currently, the City's orthoimagery is divided into one hundred six (106 - 2500' x 2500') complete GEOTiff tiles; two (2) of which are shared with Westside Landfill, as shown on said **Exhibit "A"**. Furthermore, the City is requesting a single compressed MrSID of the entire project boundary.

Aerial Camera and Ancillary Instruments

Paragraph 1: The City requires that current, up-to-date high resolution **digital or film** camera(s) be used in the acquisition of the imagery. The returned proposal shall include

complete camera specifications, **including which type of camera (digital or film) will be used**, along with a current Calibration Report. Additionally, the operator of the camera shall be able to examine image exposure at the time of collection and make proper adjustments to obtain the largest amount of usable imagery data.

Submission of Proposals

Paragraph 4: Please submit one (1) clearly labeled “*2012 Geographic Information Systems (GIS) and Orthoimagery Project Sealed Bid*” copy of the proposal to the *City Clerk* at 333 West Michigan Avenue, Three Rivers, Michigan 49093 sealed bids will be received until 11:00 AM (EST) on March 9, 2012 and will be opened at that time. **In order to expedite review of the submitted proposals to our review team, we require that in addition to a hard-copy proposal, that a digital proposal be submitted either as a CD within the sealed bid proposal or emailed post the close of the bid proposal.**