



Socioeconomic Modeling and Research Support

October 27, 2009



Request for Qualifications

- **On-Call list of consultants**
- **Provide research, data collections, analysis, and programming support**
- **Full solicitation at:**
<http://www.mag.maricopa.gov/rfp.cms?item=10719>
- **Dates:**
 - Issued on September 21, 2009
 - Responses due by October 23, 2009
- **2 areas of expertise**



Research, Data Collection, Demographic and Economic Analysis

Examples of products

- Updated residential velocity curves
- Non-residential land use sector velocity curves
- Create and populate a database of land, residential, and commercial building values, and associated detailed data.
- Employment industry to occupation lookup
- Updated floor area ratios and employment densities for commercial buildings and sites within the region
- Evaluation of changing work behavior patterns resulting from future employment mix



Application Development, GIS, Database Management and Socioeconomic Modeling

Examples of products

- Model development, calibration and validation
- Neighborhood, household & business life-cycle
- Incorporate parcel subdivision and aggregation into land development models
- Models for redevelopment and infill development
- Create socioeconomic applications in GIS using ESRI products
- Enhance tools to extend database design to easily increase model boundaries
- Tools for data manipulation, analysis & reporting using Python or other object oriented languages
- Activity-based submodels for:
 - the temporal dimensions of employment
 - school enrollment