

MARICOPA ASSOCIATION OF GOVERNMENTS

INFORMATION SUMMARY... for your review

DATE:

May 9, 2011

SUBJECT:

On-Call Consulting Services Selection for Transportation Model Re-calibration

SUMMARY:

The fiscal year (FY) 2011 MAG Unified Planning Work Program and Annual Budget, approved by the MAG Regional Council in May 2010, includes \$740,000 for on-call consulting services for re-calibration of the regional transportation forecasting models, model development and methodological model improvements. The purpose of the project is to re-calibrate regional transportation models to new data sets, to update regional transportation forecasts, and to implement planned methodological improvements.

The range of on-call consulting services will include the full spectrum of tasks that are required for the purposes of large regional travel demand model development, estimation, calibration and validation, including complementary data collections that will be required for sub-model updates and developments. On March 15, 2011, MAG issued a Request for Qualifications to create an on-call consulting list for the project with two areas of expertise: (A) Transportation Model Development and Application; and (B) Transportation Data Collection and Data Analysis.

MAG received Statements of Qualifications (SOQs) from Bernardin, Lochmueller & Associates, Inc., Resource Systems Group, Inc., Wilbur Smith Associates, PB Americas, Inc., Cooney Associates LLC, HDR Engineering, Inc., Traffic Research & Analysis, Inc., Cambridge Systematics, Inc., United Civil Group, Atkins, Michael Baker Jr., Inc., Jacobs Engineering Group Inc., URS Corporation, and Arizona Board of Regents for Arizona State University. A multi-agency evaluation team reviewed the SOQs and recommended to MAG that the following firms be included on a MAG on-call consulting list for Transportation Model Re-calibration:

Area of Expertise A (Transportation Model Development and Application): Bernardin, Lochmueller & Associates, Inc., Resource Systems Group, Inc., Wilbur Smith Associates, PB Americas, Inc., Cooney Associates LLC, HDR Engineering, Inc., Cambridge Systematics, Inc., Atkins, Jacobs Engineering Group Inc., URS Corporation, and Arizona Board of Regents for Arizona State University,

Area of Expertise B (Transportation Data Collection and Data Analysis): Bernardin, Lochmueller & Associates, Inc., Resource Systems Group, Inc., Wilbur Smith Associates, PB Americas, Inc., HDR Engineering, Inc., Traffic Research & Analysis, Inc., Cambridge Systematics, Inc., United Civil Group, Atkins, Michael Baker Jr., Inc., Jacobs Engineering Group Inc., URS Corporation, and Arizona Board of Regents for Arizona State University.

PUBLIC INPUT:

No public input has been received.

PROS & CONS:

PROS: Creation of the on-call consulting list will enable MAG to ensure that regional travel and traffic forecasts are updated in a timely manner, and that regional transportation forecasting models maintain their relevance for ongoing and emerging planning needs.

CONS: The project is timed with completion of data collection for the new major regional travel surveys. Delaying the above work element could compromise timely model updates required for ongoing and future highway and transit projects.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: The on-call contracts and associated task orders will result in updated transportation forecasts, and will provide required modeling tools for upcoming regional planning needs.

POLICY: Timely re-calibration and update of the regional models will ensure that MAG, its member agencies and general public have timely access to the transportation forecasts and data required for planning decisions.

ACTION NEEDED:

Approval of the list of on-call consultants for Area of Expertise A (Transportation Model Development and Application): Bernardin, Lochmueller & Associates, Inc., Resource Systems Group, Inc., Wilbur Smith Associates, PB Americas, Inc., Cooney Associates LLC, HDR Engineering, Inc., Cambridge Systematics, Inc., Atkins, Jacobs Engineering Group Inc., URS Corporation, and Arizona Board of Regents for Arizona State University, and for Area of Expertise B (Transportation Data Collection and Data Analysis): Bernardin, Lochmueller & Associates, Inc., Resource Systems Group, Inc., Wilbur Smith Associates, PB Americas, Inc., HDR Engineering, Inc., Traffic Research & Analysis, Inc., Cambridge Systematics, Inc., United Civil Group, Atkins, Michael Baker Jr., Inc., Jacobs Engineering Group Inc., URS Corporation, and Arizona Board of Regents for Arizona State University, for the MAG Transportation Model Re-calibration, for a total amount not to exceed \$740,000.

PRIOR COMMITTEE ACTIONS:

This item is on the May 11, 2011 Management Committee agenda for recommended approval.

On April 28, a multi-agency evaluation team reviewed the SOQs and recommended to MAG approval of the list of on-call consultants:

Area of Expertise A (Transportation Model Development and Application): Bernardin, Lochmueller & Associates, Inc., Resource Systems Group, Inc., Wilbur Smith Associates, PB Americas, Inc., Cooney Associates LLC, HDR Engineering, Inc., Cambridge Systematics, Inc., Atkins, Jacobs Engineering Group Inc., URS Corporation, and Arizona Board of Regents for Arizona State University,

Area of Expertise B (Transportation Data Collection and Data Analysis): Bernardin, Lochmueller & Associates, Inc., Resource Systems Group, Inc., Wilbur Smith Associates, PB Americas, Inc., HDR Engineering, Inc., Traffic Research & Analysis, Inc., Cambridge Systematics, Inc., United Civil Group, Atkins, Michael Baker Jr., Inc., Jacobs Engineering Group Inc., URS Corporation, and Arizona Board of Regents for Arizona State University.

MAG Transportation Model Re-calibration Statement of Qualifications (SOQ) Evaluation Team:

SOQ EVALUATION TEAM

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Anne MacCracken, RPTA
Jorie Bresnahan, City of Phoenix
Keith Killough, ADOT

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