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(ITEM) From the Director, Department of Transportation, and the Interim Airport Director requesting authorization to enter into a Professional Services Contract with Harris, Miller, Miller & Hanson, Inc., to assist in the upgrade of the existing Aircraft Noise and Flight Track Monitoring System at General Mitchell International Airport, by recommending adoption of the following:

A RESOLUTION

WHEREAS, General Mitchell International Airport (GMIA) currently operates an Aircraft Noise and Flight Track Monitoring System (ANOMS) consisting of computer hardware, software, seven permanent community monitors, and one portable noise monitor; and

WHEREAS, the system is used by Airport noise staff to evaluate aircraft flight track and noise level changes over time; to identify and evaluate specific aircraft operations; to respond to citizen inquiries; and to keep a long-term record of overall flight patterns, citizen concerns, and noise levels in neighborhoods surrounding GMIA; and

WHEREAS, the current ANOMS was purchased and installed more than fifteen years ago and lacks modern features needed to accomplish noise abatement goals established for Milwaukee County Airports; and

WHEREAS, such features include the ability to accurately track long-term compliance with noise abatement procedures, to precisely separate aircraft noise from other noise sources in a high-background noise environment, to specifically measure ground noise emanating from aircraft on the airfield, to provide short- and long-term analysis of noise and flight track data, and to make the information readily available through the GMIA website; and

WHEREAS, modernization of the ANOMS is an approved and Federal Aviation Administration grant funded recommendation of the Federal Aviation Regulation (FAR) Part 150 Noise Compatibility Study Update that was completed in 2009; and

WHEREAS, as recommended in the Noise Compatibility Study, GMIA issued a Request for Qualifications (RFQ), Official Notice No. 6755, on January 27, 2014, for an aircraft noise monitoring upgrade consultant; and

WHEREAS, the selected consultant team will provide professional services to assist the Airport in modernizing the existing system, which entails evaluating the current system and designing an upgrade of the system to include new software and hardware to improve the measurement and analysis of aircraft noise levels and flight track information; and

45 WHEREAS, the consultant will prepare plans and specifications for the system
46 upgrade and supervise installation and acceptance testing of the new system hardware,
47 software, and data feed; and

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49 WHEREAS, the RFQ resulted in responses from five nationally recognized firms and
50 their respective teams, each with significant experience in developing ANOMS at
51 commercial service airports; and

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53 WHEREAS, a selection committee rated these five RFQs and shortlisted three firms
54 that were required to present their qualifications to the review team; and

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56 WHEREAS, of the remaining three firms, the Harris, Miller, Miller & Hanson, Inc.
57 (HMMH), team received the highest rating; and

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59 WHEREAS, HMMH's Disadvantaged Business Enterprise participation is 25 percent,
60 and HMMH estimates the project will take just under two years to complete after notice to
61 proceed is given; and

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63 WHEREAS, the Committee on Transportation, Public Works, and Transit, at its
64 meeting of July 16, 2014, recommended adoption of the Department's request (vote 6-0);
65 and

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67 WHEREAS, the Committee on Finance, Personnel, and Audit, at its meeting of
68 July 24, 2014, also recommended adoption of the Department's request (vote 8-0); now,
69 therefore,

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71 BE IT RESOLVED, that the Director, Department of Transportation, and the Interim
72 Airport Director are authorized to execute a contract with Harris, Miller, Miller & Hanson,
73 Inc., in an amount not to exceed \$260,000 to provide Aircraft Noise Monitoring System
74 upgrade professional consulting services for a term of twenty-four (24) months from
75 approximately August 1, 2014, to July 31, 2016.

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jl
07/02/2014

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