



CITY COUNCIL AGENDA ITEMS

To: Mayor Graham and City Council
From: Dennis Sullivan, Director of Public Works
Walter Denton, City Administrator
Date: October 19, 2009
Subject: RESOLUTION – Water Supply Pressure and Flow Monitoring and Control Stations Project, Burns & McDonnell Engineering Co., Inc., Agreement for the Design

List of committees that have reviewed: Public Works

Background: In 2005, the city experienced water supply issues from Illinois-American Water Company (IAWC) due to inadequate supplied pressure. IAWC has increased their pump capacity that supplies O'Fallon, Scott AFB, Shiloh, Belleville, Waterloo and Columbia. Currently, they have more than adequate pressure supply which sometimes causes our towers to overflow and creates higher than desired pressure in our system. We need to have automatic valves as part of the SCADA control system on our side of the master meters to control this IAWC supplied pressure. The Burns & McDonnell initiative will allow us to throttle back the flow and pressure we are receiving from IAWC. Although, IAWC can currently see our system via our SCADA, they have no valves on their side of the master meter pits to control what they send us if Belleville or another community is in need of water.

Legal Considerations, if any: None, beyond that of contacting for consultant services.

Budget Impact: Funding for needed designs for the water system were included in the approved FY10 Water Operations Budget.

Staff recommendation: Staff recommends approval of the contract with Burns & McDonnell Engineering Company, Inc., in an amount not to exceed \$70,000.00.