



Lake County Illinois

Legislation Details (With Text)

File #: 13-0818 **Version:** 1 **Name:** Adaptive Traffic Signal Control: Contract Award
Type: resolution **Status:** Passed
File created: 7/23/2013 **In control:** Public Works and Transportation Committee
On agenda: **Final action:** 8/13/2013

Title: Joint resolution authorizing a contract with Rhythm Engineering, Lenexa, Kansas, in the amount of \$246,900 for the purchase of Adaptive Traffic Signal Control equipment for the planned traffic signal modernization along Aptakistic Road, from Brandywyn Lane to Parkway Drive, and designated as Section 11-00088-19-TL.

Sponsors:

Indexes:

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
8/13/2013	1	Lake County Board	adopted	Pass
7/31/2013	1	Financial & Administrative Committee	recommended for adoption to the regular agenda	Pass
7/31/2013	1	Public Works and Transportation Committee	approved and referred on to the Financial and Administrative Committee	Pass

Joint resolution authorizing a contract with Rhythm Engineering, Lenexa, Kansas, in the amount of \$246,900 for the purchase of Adaptive Traffic Signal Control equipment for the planned traffic signal modernization along Aptakistic Road, from Brandywyn Lane to Parkway Drive, and designated as Section 11-00088-19-TL.

- Adaptive Traffic Signal Control: Contract Award.
- Adaptive Traffic Signal Control is new technology for Lake County that allows for real time collection of traffic data and adjustment of signal timing.
- Aptakistic Road, from Brandywyn Lane to Parkway Drive, has been selected as the first installation.
- A Request for Proposal (RFP) was issued for the purchase of Adaptive Traffic Signal Control along Aptakistic Road, from Brandywyn Lane to Parkway Drive, to 19 vendors and proposals were received from three firms.
- A selection committee comprised of staff from the Division of Transportation, the Illinois Department of Transportation (IDOT), and the Purchasing Division recommend the services of Rhythm Engineering, Lenexa, Kansas, as the firm who best meets the needs of the County based on the RFP evaluation criteria.
- The contract includes purchase of the hardware, training, first and second year maintenance, and warranty at a contract amount of \$246,900.
- Maintenance costs for years 3-5 will be \$6,000 annually.
- Federal funds from IDOT will pay 80% of the cost.
- The installation of the equipment will be awarded via the County’s bid process and presented for approval at a later meeting.

RESOLUTION

WHEREAS, in accordance with Section 5-102 of the Lake County Purchasing Ordinance, proposals were called for, by publication, for the installation of Adaptive Traffic Signal Control; and

WHEREAS, the Lake County Division of Transportation developed a Systems Engineering Document meeting the Federal Highway Administration's approval to develop requirements for the Adaptive Traffic Signal Control system; and

WHEREAS, a Request for Proposal (RFP) was issued for the purchase of Adaptive Traffic Signal Control; and

WHEREAS, the RFP was sent to 19 vendors, and sealed proposals were received from three firms and opened in the County Building, Waukegan, Illinois, on Thursday, May 9, 2013, at 2:00 p.m.; and

WHEREAS, a selection committee comprised of staff from the Division of Transportation, the Illinois Department of Transportation, and the Purchasing Division recommend the services of Rhythm Engineering, Lenexa, Kansas, as the firm who best meets the needs of the County based on the RFP evaluation criteria and system engineering requirements; and

WHEREAS, the contract includes the purchase of the hardware, training, the first and second year annual maintenance and warranty; and

WHEREAS, this County Board, at its meeting of February 12, 2013, approved the appropriation of \$2,140,000 of ¼ % Sales Tax for Transportation and Public Safety funds for this project; and

WHEREAS, pursuant to the IDOT agreement dated February 12, 2013, 80% of the cost will be paid by IDOT.

NOW, THEREFORE, BE IT RESOLVED by this Lake County Board, that the Purchasing Agent is hereby authorized to enter into a contract with Rhythm Engineering, Lenexa, Kansas, for the purchase of Adaptive Traffic Signal Control equipment for the planned traffic signal modernization along Aptakisic Road, from Brandywyn Lane to Parkway Drive, in the amount of \$246,900.00 charging the costs thereof to account #269-4300030-85020, and designated as Section 11-00088-19-TL.

DATED at Waukegan, Illinois, August 13, 2013.