

EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to approve a new contract with Motorola, Inc. for Spectrum Fingerprinting services to determine sources of radio interference at new sites.

Backgrounder (if "yes," "See backgrounder information") No

Board Meeting Date: September 15, 2009

Project Name/Contract#: Carmen Smith Communications

Project Contact Michael McElroy Ext. 7344

Purchasing Contact: Gail Murray Ext. 7429

Action Requested:

Contract Award
 Contract Renewal
 Contract Increase
 Other

Contract Amount:

Original Contract Amount: \$ 33,600

Additional \$ Previously Approved: \$ 0

Invoices over last approval: \$ N/A

Percentage over last approval: N/A %

Amount this Request: \$ 33,600

Resulting Cumulative Total: \$ 33,600

Funding Source:

Budget
 Reserves
 New Revenue
 Bonding
 Other

Contracting Method:

Method of Solicitation: Exemption

If applicable, basis for exemption: Rule 6-0270 Class Exemption of Personal Services under \$150,000

Term of Agreement: Sept 15, 2009 through Dec 31, 2009

Option to Renew? No

Approval for purchases "as needed" for the life of the contract No

Form of Contract:

Single Purchase
 Services
 Personal Services
 Construction
 IGA
 Price Agreement
 Other

Narrative:

The Board is being asked to approve a new contract with Motorola, Inc. to provide spectrum fingerprinting services at new radio sites to determine sources of radio interference.

EWEB, in partnership with Lane County, the City of Eugene, and the City of Springfield own and operate a Motorola P25 Trunked Land Mobile Radio (LMR) system that was commissioned in 2008. The LMR system is being expanded to add four new sites for mutual benefit of the partners. The current system provides coverage for the Eugene-Springfield metropolitan area and the lower McKenzie River valley.

The partner agencies plan to expand the system to the east and west portions of Lane County by installing equipment at Smith Ridge, Belknap, Herman and Walker sites. Prior to that work, a data collection and analysis service known as Spectrum Fingerprinting must be completed. The purpose of Spectrum Fingerprinting is to identify sources of radio frequency interference for risk reduction and problem mitigation. The information acquired by Spectrum Fingerprinting is used to design site and frequency specific hardware with the intent to gain improved system performance. In addition, the process can help to identify clear channels that are available for system construction.

If approved, Motorola, Inc. will install monitoring equipment at the new sites and will produce reports for review by EWEB and for use in the ultimate system design. Lane County will be reimbursing EWEB for one-half of the fingerprinting expenses.

ACTION REQUESTED:

The Board is being asked to approve a new contract with Motorola, Inc. for spectrum fingerprinting at four new radio sites. Funds for these services were budgeted for 2009.

SIGNATURES:

Project Coordinator: _____

Supervisor: _____

Purchasing Manager: _____

Division Director: _____

General Manager: _____

Board Approval Date: _____

Secretary/Assistant Secretary verification: _____