

WASILLA CITY COUNCIL ACTION MEMORANDUM

CM No. 00-05

**SUBJECT: Award of Professional Engineer Design Services Contract;
Palmer-Wasilla Highway Extension Water and Sewer Mains**

PREPARED BY: Public Works

DATE: January 17, 2000

FOR AGENDA OF: January 24, 2000

Presented to council on: 1/24/2000
Action taken: Approved Denied
other: _____
Verified by: [Signature]

SUMMARY: Engineering services are needed to design a 24-inch water transmission main and various water and sewer mains to be installed during construction of the Palmer-Wasilla Highway Extension.

BACKGROUND: The State DOT intends on advertising and awarding the contract for constructing the Palmer-Wasilla Highway Extension in mid to late summer, 2000. It is prudent to install underground utilities during road construction. Utility construction costs would be much higher after the road is completed.

DOT is working to comply with the City's request for a 200-foot right-of-way. The initial road section (south of the proposed railroad overpass) has steep side slopes and that width is insufficient to construct a parallel water main. Even if a wider right-of-way existed, water main construction would be expensive. DOT has conceptually approved the water main to be installed in the roadbed for this road section. Therefore, the main needs to be installed during highway construction.

Engineering for relocating existing water/sewer mains and planning for new water/sewer line locations is nearly complete. DOT will pay for engineering and construction costs for relocating City water and sewer lines. However, they will not pay for any engineering or construction costs for new utilities.

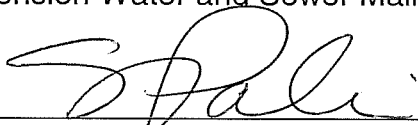
Detailed design for new utilities needs to start. This contract would provide design of:

1. An approximate 0.5 mile long 24-inch water transmission main southerly from the Parks Highway (project total cost estimate is \$530,000).
2. "Looping water mains" at Century Park/Glenwood Avenue/Knik-Goose Bay Road.
3. Miscellaneous water and gravity sewer main crossings along the to-be-upgraded Glenwood Avenue.

Raven Engineering, Inc. provided the design services for the utility relocations and proposed locations for new utility mains. Raven has successfully designed transmission and distribution mains for the City and is qualified to perform these proposed services. Raven's estimated design fee is \$50,000.

RECOMMENDED ACTION:

For Council to award the professional services contract for Palmer-Wasilla Highway Extension Water and Sewer Mains to Raven Engineering in the amount of \$50,000.



Reviewed by: SARAH PALIN, Mayor