

**CITY COUNCIL
COMMUNICATION:**

ITEM _____

**OFFICE OF THE CITY MANAGER
CITY OF DES MOINES, IOWA**

98-511

SYNOPSIS -

AGENDA:

NOVEMBER 16, 1998

City Council approval is requested for professional services contract with Audiovisual Inc. (d.b.a. AVI Systems, Joseph Stuebner, CEO, Bismarck, North Dakota with offices at 2851 - 104th Street, Suite D, Urbandale, Iowa 50322-3814) for Broadcast Engineering Design Services for the City of Des Moines Cable Channel at a flat fee cost of \$25,000.

SUBJECT:

PROFESSIONAL
SERVICES AGREEMENT
FOR BROADCAST
ENGINEERING DESIGN
SERVICES FOR THE CITY
CABLE CHANNEL

FISCAL IMPACT -

Funding for this project will be provided from the \$600,000 in capital support resulting from the TCI Cable Franchise Agreement.

TYPE:

**RESOLUTION
ORDINANCE
RECEIVE/FILE**

RECOMMENDATION -

Approval.

SUBMITTED BY:

ERIC A. ANDERSON
CITY MANAGER

BACKGROUND -

The City is in the process of replacing outdated, broken, and non-repairable video production equipment so it can resume 24-hour broadcasting on the City of Des Moines Cable Channel on the TCI Cable system. In order to maximize the limited funds available, it is important for the City to design and purchase a video production system that will be fully integrated and compatible with cable operators as well as website operations, internal cable casting, and the City's informational technology system. The system design and components must take into account Year 2000 (Y2K) compliance, current and anticipated developments in broadcasting, and information technology. The Broadcast Engineering

Design Services will assist the City in designing a digital video system for field and studio production. The contract includes, but is not limited to, the following:

- Meeting with Chief Communications Officer, Information Technology, and related City representatives to determine production objectives for the City of Des Moines Cable Channel(s) programming and cable casting as well as other requirements and potential uses in light of the City's stated goal.
- Assist the City in designing a digital video system for field and studio production that is consistent with and/or meets goals established including the potential of coordinating website, internal cable casting, external cable casting, information systems, and taking into account any pertinent Federal Communications Commission or other requirements. The design and equipment specification shall NOT be exclusive to AVI Systems and shall be to the extent reasonably practicable and shall be available from a number of vendors.
- Develop block diagrams of the video production systems.
- Specify only Y2K compliant products including make, model numbers, materials, and specifications for equipment for the Video Production System.
- Provide Video Production System costs to develop a reasonable budget.
- Provide electrical, conduit, fiber optic cable, and environmental specifications that are necessary for the construction of the Video Production System and make recommendations for specifications required for system expansion.
- Consult with building engineers, architects, electricians, contractors, and the Information Technology Department to assure the integration of the Video Production System into the building(s) and information technology system.

I will be contacting the Council Telecommunications Subcommittee to obtain their input for City Cable

programming.

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