

COUNCIL COMMUNICATION

TO: THE CITY COUNCIL
FROM: THE CITY MANAGER'S OFFICE

DATE:
June 3, 1987

NO.

SUBJECT: REQUEST FOR PROPOSAL FOR 800 MHZ RADIO EQUIPMENT AND SERVICE

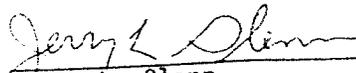
RECOMMENDED ACTION: That the City Council approve specifications for radio equipment to be maintained on an 800 mhz radio communications system and authorize advertisement for proposals thereon. The closing date for proposals has been set for June 30, 1987.

BACKGROUND INFORMATION: The radio communications system currently in use by the non-public safety departments of the City consists of approximately 49 radios (23 portables, 19 mobiles, 7 remotes, and 1 base) functioning on a conventional UHF channel. Due to a variety of factors such as age of equipment, channel congestion, access delays, lack of privacy, interference, restricted emergency capabilities, and limited system features, the Public Works, Community Development, and Electric Utility departments would greatly benefit by the purchase and maintenance of new equipment to work in conjunction with an existing 800 mhz trunked radio communication system. This equipment would enable the future addition of public safety networks. The specific items would include the following:

- 36 mobile radios
- 13 portable radios (with chargers)
- 1 control stations with remote desk sets
- 2 local control stations
- 6 mounted mobiles with control heads
- 1 conventional low-level backup repeater

System features would include priority level definition, selective addressing, privacy channeling, alert paging, quick call capability, 99% area coverage, 98% airtime access, and failure mode backup guarantee.

Funds for a portion of the system were budgeted in previous years' budgets and the equipment for the electric, water, and sewer systems are included in the 1987-88 recommended budget.


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