

February 19, 2004

Honorable Mayor and Members of
the Hermosa Beach City Council

Regular meeting of
February 24, 2004

**WIRELESS BROADBAND SYSTEM PHASE I
INSTALLATION COSTS AND APPROPRIATION OF
\$35,000 TO FUND THE PROJECT.**

Recommendation:

1. That the City Council approve an appropriation in the amount of \$35,000 to fund the initial installation of the Wireless Broadband System Phase I;
2. That the City Council direct the City Manager to execute the required purchase orders for the equipment and services which includes all system components, pole attachments, and operating system;
3. That the City Council direct staff to return with an advertising/sponsorship program to offset the ongoing operating costs once the system is fully installed citywide.
4. That the City Council direct staff to provide monthly reports on the operations and usage of the system.

Background:

The City Council, at the January 13, 2004 meeting, approved a proposal to install a wireless Broadband system in the City on a phased approach and directed staff to return with agreements for purchases and installation services as well as detailed components of the system. I have attached a detailed equipment listing of the various components of the system, which includes all pricing for the items. The total stated cost based on the several components is \$32,140. This includes consultant/installation and monitoring during Phase I. City staff will assist in the installation of equipment. In addition, each of the components of the system will be purchased in accordance with our purchasing ordinance.

The Phase I area is the area in and around the City Hall and Community Center. This will be the test area for the signal strength and the related backhaul equipment that will serve the entire Citywide system, if fully installed, to make sure that any bugs are worked out before proceeding to the remainder of the City. The coverage area for this first phase will include Pier Avenue west towards the beach and serve the residential areas to the North and South and East to PCH. The signal coverage may vary somewhat depending on line of sight and the type of equipment that the receivers have on their individual computers. A coverage map for Phase I will be available for your review in the Council Chambers on Tuesday.

The project has the ability to generate revenue through the sale of ads or sponsors. This would be particularly important in the event of a complete Citywide deployment and could go a long way to cover the ongoing operational and maintenance costs. It would also be possible to charge for services or level of services. This will become evident once the Phase I use numbers come in.

Respectfully submitted,

Stephen R. Burrell
City Manager