

May 20, 2004

Honorable Mayor and Members of  
the Hermosa Beach City Council

Regular Meeting of  
May 25, 2004

**AWARD OF BID ON THE WIFI HERMOSA BEACH PROJECT; REPORT  
OF BIDS; REQUEST FOR ADDITIONAL APPROPRIATION IN THE  
AMOUNT OF \$5000.00**

**Recommendation:**

That the City Council award the bid for Phase I Deployment of the WiFiHermosa Beach Project to L.A. Unplugged(Strix) in the amount of \$34,982.00; appropriate \$5000.00 to cover the additional costs to the existing budget for this project and authorize the City Manager to execute the agreement with L.A.Unplugged(Strix).

**Background:**

The City Council, at its February 24, 2004 meeting, approved the WifiHermosa Beach Broadband System Phase I project and a project budget of \$35,000. Following this approval, staff prepared and issued detailed specifications in order to obtain bids from various vendors/providers of this type of equipment. There was a high degree of interest in the project based on the number of requests that we received for the bid packages. A total of 7 bids were received and a breakdown of the bids is attached. The bids from all of the companies have met the minimum system performance requirements as set forth in the bid documents. The bid from Wireless Hotspot did not include a complete cost schedule or a total contract bid price.

The three lowest bids were received from CDCE at \$36,560.00; Pacific Coast Cabling at \$34,773.61; and L.A.Unplugged(Strix) at \$34,982.00. Both CDCE and Pacific Coast Cabling have submitted system design that requires the use of four T1 lines to provide access to the Internet. LA.Unplugged designed a system that requires only one T1 line. This is significant as it impacts the ongoing monthly charge to the City. As a result, the lowest cost to the City is L.A.Unplugged(Strix) when factoring the recurring monthly charge of \$700.00 as contrasted with \$2800.00 per month for either the CDCE or Pacific Coast Cabling bids.

The installation period contained in the contract is 45 days from signing of the agreement. If the bid is awarded at this meeting, the work will begin as soon as the agreement is executed. As an aside, staff has also received several proposals for bandwidth. This effort has shown that there is an opportunity to bring fiber to the City Hall complex at a reasonable price that would allow more than enough bandwidth for full deployment of the wifi system and all of the city operational needs including moving to a different telephone system. Staff will be bringing this forward at the next meeting as it would allow its installation to coincide with this project.

Respectfully submitted,

Stephen R. Burrell  
City Manager

	<i>CDCE</i>	<i>Pacific Coast Cabling</i>	<i>LA Unplugged (Sirix)</i>	<i>Tetra, LLC</i>	<i>Elandia</i>	<i>Wireless HotSpot</i>	<i>LA Unplugged (BelAir)</i>
Bid Schedule Item 1 Radio Type	802.11b	802.11b	802.11g	802.11g	802.11b	802.11b	802.11b
Bid Schedule Item 2 Radio Type	802.11b	802.11b	802.11a	802.11a	802.16a	802.11b	802.11a
Number of Locations with T1/DS3 Connections	4	4	1	1	1	N/A	1
Wireless Client Coverage Max Data Rate	11 Mbps	11 Mbps	54 Mbps	54 Mbps	11 Mbps	11 Mbps	11 Mbps
Wireless Client Coverage Freq.	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz
Wireless Backhaul Freq.	2.4 GHz	2.4 GHz	5 GHz	5 GHz	5 GHz	2.4 GHz	5 GHz
Wireless Backhaul Max Data Rate	11 Mbps	11 Mbps	108 Mbps	54 Mbps	72 Mbps	11 Mbps	108 Mbps
Total Cost	\$36,560.00	\$34,773.61	\$34,982.00	\$174,133.40	\$109,452.71	N/A	\$71,511.00
Does Total Cost Include Sales Tax?	No	Yes	Yes	Yes	No	N/A	Yes

Proposed Monthly T1 Costs @ \$700 per line (Overall Costs to the City)	\$2,800.00	\$2,800.00	\$700.00	\$700.00	\$700.00	N/A	\$700.00
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