CHARLOTTE

City Council
Follow-Up Report

March 4, 2011

February 28 – City Council Business Meeting

Discovery Place Boiler Replacement
Staff Resource: William Haas, E&PM, 704-336-4625, whaas@charlottenc.gov

The February 28 Business Agenda included approval of the purchase of new boilers for Discovery Place. Councilmember Dulin asked for some details on the timing of the boiler replacement in the context of the renovation project at Discovery Place.

During the early design phases of the Discovery Place renovations, the existing mechanical systems were evaluated and replacements prioritized. The air handling units, chiller and pumps were in immediate need of replacement and were included in the original construction contract.

The analysis of the boilers indicated that their replacement could wait until the end of the project. Money was set aside in the project budget for future replacement of the boilers. The City's Energy Manager evaluated new boilers and selected a model that provides the best combination of high efficiency and long life. This is the purchase the City Council approved on February 28, 2011. The City will award a separate contract for the installation of the boilers. Additional expenditures from the project budget are likely to include replacing the lighting system in the IMAX theater, adding lighting in the newly renovated exhibit areas, and adding more exhibits throughout Discovery Place.

Attached is project expense report through the end of February 2011.

Discovery Place Expense Report

Expenditures To Date	Expenses Thru 2-2011	Budget
Building Renovations		
Architect - Little & Associates	$2,369,800	$2,382,523
Misc Specialty Consultants and costs	$29,945	$32,682
Pre-Construction Services - Rodgers Builders	$122,800	$122,800
Building Renovations - Rodgers Builders	$12,097,944	$12,555,975
Furniture, Fixtures & Equipment	$815,020	$815,020
Boiler Replacement	$2,990*	$100,000
Replace lighting in IMAX theater		$145,000
Subtotal Building Renovations	**$15,435,509**	**$16,154,000**
Exhibits		
Programming/Design/Research	$3,860,682	$3,939,040
Fabrication/Installation/Animal Acquisition	$10,568,847	$10,816,960
Design and Installation of 2011 Exhibits		$625,000
Additional Exhibit Lighting		$65,000
Subtotal Exhibits	**$14,429,529**	**$15,446,000**
Total Project	**$29,865,038**	**$31,600,000**

* Does not include the $62,975 purchase of the boilers approved by Council on 2/28/2011