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TO: Beth Ann Strohl, Purchasing Director

FROM: Lindsay L. Taylor, Director of Parks & Recreation

SUBJECT: MidAtlantic Construction & Design Change Order #4 Request
Cedar Beach & Mack Pool

DATE: March 13, 2016

On behalf of the Administration, I am requesting City Council approval of Change Order #4 in the amount of **\$185,489.99**. Approval of this Changes Order will increase the contract price for the Cedar Beach & Mack Pool project to **\$2,739,901.40**. Following please find explanations and break downs of each item in the change order:

1. **Deck upgrade:** According to the project manager, Keystone Consulting Engineers, the 4" thick concrete pool deck design is of insufficient strength to accommodate the movement it will undergo and the large expanse of decking. This will lead to lifting of sections and the potential for tripping and toe injuries from unequal joints and cracks. In addition, the deck at the zero depth entry is only 10 feet wide. We believe this will result in dirt and grass being tracked into the pool, and an inability to grow and maintain grass at this end of the pool. Keystone recommended upgrading the deck to 6" deep with rebar reinforcing the concrete and extending the deck at the zero depth entry end to 20" at a total additional cost of **\$127,268.62**.
2. **Concrete Vault Covers:** The original design of the pool included three (3) large concrete vaults built in the ground and surrounded by the pool deck. Inside these vaults will be various valves. The contractor, MidAtlantic, recently learned that the lids of these vaults as designed are not water proof and need to be replaced. Substituting three (3) waterproof doors and concrete tops to fit into the deck have been recommended to properly seal the vaults at a total additional cost of **\$14,687.92**.

3. **Equipment Room Pit Change:** The original design of the pool pumps in the mechanical room had them located at an elevation above the water level of the pool, which means that the pumps will not be able to remain primed. This puts the pool pump motors at jeopardy of burning out. The proposed change order locates the pool pumps back into existing surge pits where they will now be below the depth of the pool water at an additional cost of \$43,533.45.

I look forward to answering any questions that you may have.