

## HAMPTON ROADS SANITATION DISTRICT (HRSD) VIRGINIA BEACH, VA



*Size: 72,525 S.F.  
Budget: \$19,799,720  
Bid: TBD  
Est. Completion: 2012*

The new Operations Center for HRSD is a two-story structure containing office and support space for their six departments: Operations, Engineering, Water Quality, Finance, Information Services, Human Resources and the General Manager's Office. The new building is centrally located within the existing Hampton Roads Sanitation District campus. A small portion of the facility will house a data center. The design is contextual to the existing campus architecture. The project will pursue LEED® Silver certification with the US Green Building Council, and will be designed to implement high performance and sustainable features including water saving systems. Select high performance and sustainable design features also include:

- encouraging alternative transportation by providing bicycle racks and preferred parking for low-emitting and fuel-efficient vehicles, as well as carpool spaces;
- providing 22 percent of the open space with native or adaptive vegetation to reduce water use by eliminating the need for irrigation, and promoting biodiversity;
- installing highly reflective roof materials to minimize the heat island effect and keep the building cool;
- installing a green roof over the entry canopies to enhance both the view of the entrance, as well as the view of the rooftop from the offices;
- using a 20,000 gallon cistern for collecting rainwater for flushing toilets, in combination with the use of low-flow fixtures results in 40 percent water savings;
- diverting at least 75 percent of the construction waste away from landfills by recycling and salvaging materials during construction; and
- promoting a healthy indoor air environment by eliminating the use of toxic materials during construction, and using non-toxic paints, adhesives and materials which contain no or low volatile organic compounds.