

## MCLEAN DISTRICT POLICE STATION MCLEAN, VIRGINIA

### Renovating with LEED® Silver Aspirations

*Size: 39,500*

*Budget: \$12,700,000*

*Bid: TBD*

*Est. Completion: 2014*



The McLean District Police Station and Governmental Center is an existing one-story building located on 6.37 acres in McLean, Virginia. The existing building is approximately 21,604 square feet and the building addition will increase the total building area to approximately 39,500 square feet. The renovated building will house the Fairfax County Police Department, Board of Supervisors office, and the Chamber of Commerce offices. The public areas of the building include the main building lobby and the Community Meeting Room. The building will be constructed in multiple phases while the police functions of the facility remain open and operational. The Board of Supervisors offices and the Chamber of Commerce offices will move off-site during the renovation.

The project is pursuing Leadership in Energy and Environmental Design (LEED ®) Silver certification. The building will be designed to minimize the amount of energy used to operate while providing a safe, secure, and comfortable work environment. Notable sustainable design features include:

- providing improved infiltration of stormwater, improved water quality, and reducing the need for stormwater structures and piping by using low-impact design (LID) site strategies;
- use of low-flow fixtures will result in over a 30 percent reduction in water use;
- installing reflective roof materials to reduce the heat island effect and to help keep the building cool;
- employing a high performance building envelope with integral air barrier coupled with thermally broken aluminum frame low-e windows;
- reusing over 55 percent of the buildings original structures;
- incorporating celestory windows to provide natural day lighting and assist in cutting back on energy use for lighting;
- promoting a healthy indoor environment by eliminating the use of toxic materials during construction, and preventing contaminants from getting into the duct work, and protection of all porous and absorptive materials;
- employing healthy indoor air strategies through the use of non-toxic paints, adhesives, and materials which contain low volatile organic compounds; and
- implementing a green cleaning program and non-toxic interior pest management practices.