Walter Reed National Military Medical Center awarded “Project of the Year in New Construction”

M.C. Dean supports another “world-class” facility, provides design-build services for $826 million project

Dulles, Va. – Underscoring its ongoing support of federal projects, M.C. Dean, Inc., the nation’s leading engineering and technology firm for mission critical systems and facilities, played a vital design-build role that led to the Walter Reed National Military Medical Center being recognized recently for project excellence.

The United States Green Building Council National Capital Region Chapter awarded the Walter Reed National Military Medical Center “Project of the Year” in the New Construction category. The award was announced at the 2011 Awards of Excellence by the USGBC-NCR’s Ninth annual event “A Midsummer Night’s Green” held at the National Museum of Women in the Arts in Washington, D.C.

Clark/Balfour Beatty, A Joint Venture was awarded this design-build contract by the Naval Facilities Engineering Command. The design efforts were led by the executive architects, HKS Architects, while Wingler Sharp provided the architectural renovation and construction design. Hartman-Cox Architect provided historic preservation and M.C. Dean and Southland Industries also provided design-build services. M.C. Dean provided design and installation of electrical power, lighting, grounding, telecommunications, security, and fire alarm systems. Southland Industries provided the mechanical work.

“M.C. Dean is proud to support Walter Reed National Medical Center through our design-build expertise,” said M.C. Dean CEO Bill Dean. “The center is such a significant, world-class facility home to active servicemen and women as well as retired military personnel. They deserve the best, state-of-the-art resources and care and we’ll do everything we can to ensure the facility has a sound infrastructure.”

The $826 million project included new construction, expansion, and renovation to the existing hospital facilities. The new construction work and expansion achieved LEED Gold certification for New Construction Rating System. Originally, the Navy mandated LEED Silver, but the team stretched to a higher level, LEED Gold certification with 43 points, 30 percent more than required. The WRNMMC is located on the campus of the National Medical Center in Bethesda, Maryland. It was created as a result of the 2005 Base Realignment and Closure Act.
The 560,000-square-foot America Building is the largest outpatient medical building in the military health system consisting of a six-story facility that provides for cancer patient, amputees, and other outpatient needs. The Arrowhead building is a 165,000-square foot, four-story addition to the existing hospital, which houses emergency in-patient services.

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**About M.C. Dean, Inc.**

M.C. Dean, Inc. is an engineering and technology service firm for mission-critical systems and facilities. Founded in 1949, M.C. Dean has set the industry standard for design-build-maintain projects in mission-critical electrical infrastructure, telecommunications, instrumentation and control, and security and electronic systems. Headquartered in Dulles, Va., M.C. Dean employs more than 3,500 professionals in 30 offices worldwide. For more information, see [www.mcdean.com](http://www.mcdean.com)

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**Note to Editors:**

- A 28 percent savings in energy costs to heat and cool the building was implemented using innovative technology in lighting systems, an enthalpy heat recovery wheel which transfers energy between exhaust and incoming outdoor air (100 percent outdoor air instead of re-circulated), and high efficiency water-cooled centrifugal chillers.
- Enclosed parking and new landscaping camouflages cars and reduces the amount of hot pavement that affects the natural habitat and systems.
- Lighting pollution controls prevent interior and exterior lighting from illuminating the night sky in addition to prevent lighting onto nearby plazas and buildings.
- Interior materials and products were selected based on toxicity, performance, and environmentally friendly features.
- The construction waste management plan averted 89 percent of the waste from landfills.
By fabricating 80 percent of the overhead conduit in its pre-fabrication facility, M.C. Dean dramatically reduced onsite waste. All excess materials in the production of the fabrication were recycled.

In-wall assemblies were also completely fabricated with all packaging and excess materials recycled. The M.C. Dean Pre-fabrication Department is dedicated to removing waste from jobsites and recycling any available excess materials.