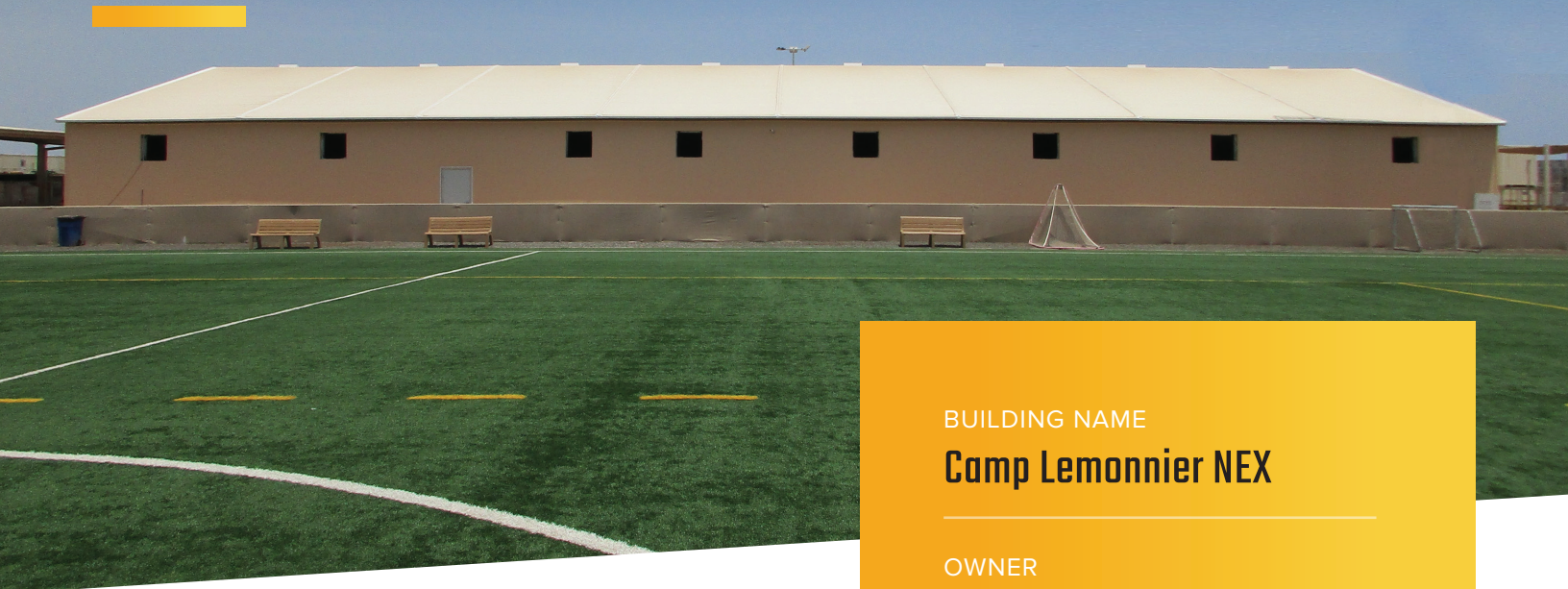


CAMP LEMONNIER NEX

CASE STUDY



IN THE FALL OF 2015, KBR, a global provider of services and technologies across 60 countries and three synergistic global businesses, approached Legacy Building Solutions with a structure need for the Camp Lemonnier base in Djibouti, Africa. The primary objectives of the new structure included flexibility to relocate and accommodate growth at the Djibouti location. With all building options coming in at a comparable price point, the decision ultimately came down to finding the best solution. “The finished interior was a key factor in ultimately choosing Legacy, as well as the simplicity of the solution and the relocatability. The extended life span of a Legacy building over competitors was also a main factor in choosing Legacy,” stated KBR’s on site JOC Project Manager.

BUILDING NAME

Camp Lemonnier NEX

OWNER

KBR for the US Navy

LOCATION

**Djibouti,
Africa**

MARKET SECTOR

Military

APPLICATION

**Retail
Facility**

SIZE

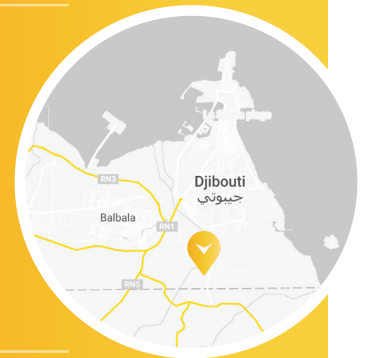
**70' x 160'
11,200 SF**

SPECIAL FEATURES

**Slab at grade foundation,
insulation & liner**

INSTALLATION

Legacy in-house crews





What contributes to the extended life span of a Legacy structure? The 15 oz. polyethylene fabric has a lifecycle of 20 or more years – a sharp contrast to several other fabric hangars on the base, which need a complete recover after only about four years of use in the Camp Lemonnier base location. In addition to the benefits of the 15 oz. polyethylene fabric, the rigid steel frame of the Legacy building uses the same proven engineering of traditional steel buildings – in this case, meeting a wind load requirement of 106 miles per hour.

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With temperatures in the region regularly reaching over 100 degrees Fahrenheit, it was critical that the building envelope provide an environment where goods can be safely stored, and where shoppers would be comfortable. The building contains R-30 insulation to retain the inside temperature and a complete heating and cooling system – as well as a duct ventilation system. The steel frame supports these systems, while the fabric cladding minimizes thermal bridging and to help the cooling system run more efficiently.

“Legacy was compatible with budget goals, but the Legacy building fit the solution. It was more appropriate for our structure needs. Legacy was a fabric structure, not a tent, and that solution fit,” stated the manager.

As a busy military base, the staff at Camp Lemonnier needed a building that would be easy to construct. Ultimately, they chose the option to have three members of Legacy’s highly experienced in-house installation crew come to the site to construct the building – including the insulation, interior liner and windows.

“The guys were really well educated on what they were doing,” said the site manager. “That was really helpful. Legacy’s portion of installation was completed in about a month.”

Camp Lemonnier is a centerpiece of US and coalition forces in the Horn of Africa. An onsite commissary allows members of the military to purchase everything from basic necessities to snacks – critical for keeping the morale of soldiers high when they are far from home. And with the solid steel frame and durable fabric cover, the Legacy building will be providing a safe place to shop for decades to come. “The way the base is growing, we needed flexibility for relocatability and expansion. Legacy buildings are also easily expandable and can accommodate growth as the base grows.”