

DIWAN AMIRI QUARTER



Project Location:

Doha, Qatar

Facilities:

Qatar National Archive, Amiri Guard Residence, Diwan Annex Office Complex

Client:

Burns & McDonnell

Size:

150,000 sf

Sustainability:

LEED® Platinum & Gold

The Diwan Amiri Quarter is the focus of Phase 1A of the Msheireb Downtown Doha Masterplan to restore and revitalize the historic core of Doha, Qatar. It includes construction of the Qatar National Archive, Amiri Guard Residence, and the Diwan Annex office complex. Designed as a cluster of urban blocks, the buildings all include modern interpretations of historic design elements.

AVANT ACOUSTICS provided the following services:

- Acoustics and noise control consultation
- Audio visual systems consultation

Project Highlights:

AVANT ACOUSTICS created an overall AV system philosophy for this project to ensure consistent design, as well as supervision via a facility network for “help desk” and additional functionalities. For the National Archives auditorium, training rooms, and conference rooms; the Guard Residence auditorium; and the Annex meeting rooms and Conference Center, AVANT recommended appropriate presentation systems. Because the Conference Center includes operable partitions, AVANT’s AV system suggestions were compatible with multiple room configurations. All three buildings include many public spaces for which AVANT recommended digital signage in addition to facility-wide paging systems.

In addition to AV design, AVANT ACOUSTICS provided acoustical and noise control consulting on spaces throughout all three buildings. The open-air architecture of the buildings presented unique acoustical challenges. For instance, AVANT provided specific acoustical design and product recommendations to control reverberation in the Annex’s covered street. For the Conference Center, with its double-height ceiling and operable partitions, AVANT suggested finishes that would coordinate with the architecture, while also improving speech intelligibility. Finally, AVANT recommended treatments to control the reverberation in the 15-story atrium of the National Archives.