

Grand Egyptian Museum, Giza, Egypt

The challenge

- Creating an iconic, world-class museum to budget
- Working in a UNESCO world heritage site adjacent to the Great Pyramids of Giza
- Meeting specific requirements of the diverse stakeholders, including archaeologists, museum curators, government bodies, UNESCO and the client marketing team
- Ensuring collaboration across the design team
- Identifying vast quantities of materials locally to meet the scale of the museum without increasing costs, including sufficient translucent stone to build a 1 km illuminated façade wall

The solution

- Developed detailed understanding of cultural, environmental, historical and political sensitivities
- Lead value engineering workshops to achieve client budget, incorporate stakeholder requirements and maintain the architect's iconic vision
- Managed the design team and design process
- Participated in conferences to coordinate a large international client team
- Recommended procurement strategies for identifying local materials
- Worked closely with the façade engineer to locally source translucent stone suitable for the façade design

Results

- Museum design has experienced few changes and remains aligned to budget and true to the architect's vision
- Excellent collaboration across design team who addressed design challenges through a true understanding of client needs
- Detailed local market understanding lead to accurate tender returns for the first project phase (conservation centre and enabling works)

