

The Aga Khan Award for Architecture

ARCHITECT'S RECORD

2001 AWARD CYCLE

I. IDENTIFICATION

Project Title: Nubia Museum
Street Address: Airport road
City: Aswan

Country: Egypt

II. PERSONS RESPONSIBLE:

A. Architect/Planner

Name: The Arab Bureau for Design & Technical Consultations
Mailing Address: Nasr-City – Ramsis st. extension – Abbaseya sq.
City: Cairo Postal Code: 11517
Country: Egypt Telephone : (+202) 68633232 – 68633099
Facsimile: (+202) 6833669 E-mail : abnet@mail.com.
Principal Designer: Arch/Mohamed Yousri Abdel Khalek.

B. Client:

Name: Nubia Antiquities Salvage Fund – Supreme Council of Antiquities
Mailing Address: 9 El-Falaky Sq. Bab El-Louk.
City: Cairo Postal Code:
Country: Egypt Telephone : +20 97 317 997
Facsimile: +20 97 317 998

C. Project Affiliates / Consultants:

Name	Role
* Prof. Pedro Ramirez Vazquez Ave de Las Fuentes 170, Pedregal de San Angel 01900 Mexico	Exhibit Designer
* Dr. Hans Fredrich WerkMeister	Landscape Designer
* Dr. Maher Stino	Landscape Designer
* Dr. Mahmoud El-Hakeem	Architectural Consultant
* El-Nasr General Contracting Company (Hassan Allam)	Main Contractor
* Giltspers Silver Knight	Landscape, exhibit & Interior Contractor

Arab Bureau Staff

* Prof. Dr. Ahmed Kamal Abdel Fattah	Architectural Design
* Arch. Morad Ragheb BeBawy -Admin	Architectural Design
* Arch. Mohamed Tharwat	Architectural Design
* Arch. Lilly George	Architectural Design
* Arch. Saffa Shafik	Architectural Design
* Arch. Vivian Anis	Architectural Design
* Arch. Mohamed Fouad Gaafar	Architectural Design
* Eng. Mohamed Hafez	Structural Design
* Eng. Samir Halawa	Air Conditioning Design
* Eng. Shahrazad Abdel Fattah	Electrical Design

III. TIMETABLE:

Commission:	12/1979		
Design:	Commencement:	Building 9/1984 Landscape 1/ 1989	Completion: 10/1985 7/1991
Construction:	Commencement:	1986	Completion: 11/ 1997
Occupancy:	12/1997		

Remarks:

IV. AREAS AND SURFACES:

Total Site Area:	50000m ² (nearly 12 Feddans)
Ground Floor Area:	7000m ²
Total Combined Floor Area:	10110m ²

Remarks:

V. ECONOMICS:

	Amount in Local Currency	Amount in US dollars	Exchange Rate \$ = L.E. 3.80	Date 1/2001
A.Total Initial Budget:	L.E.35 000 000	\$ 9 210 000		
B.Cost of Land:	Land allocated by the government for the project			
C.Analysis of Actual Costs:				
1. Infrastructure:	L.E. 4 200 000	\$ 1 105 000		
2. Labor:	L.E.14 280 000	\$ 3 758 000		
3. Materials:	L.E.23 520 000	\$ 6 200 000		
4. Landscaping:	L.E.15 000 000	\$ 3 900 000		
5. Professional Fees:	Design: 3 % - (struct. & engin.)		Supervision 3 %	
	4 % (landscape)		Supervision 3.5 %	
	5 % (interior)		Supervision 5 %	
		\$ 250 000 (exhibit)		
6. Other:				
D.Total Actual Costs:	L.E. 57 000 000	\$ 15 000 000		
E.Actual Cost: (building)	L.E. 2 238/m ²	\$ 590/m ²		
(Per sq.meter) (landscape)	L.E. 458/m ²	\$ 120/m ²		

VI. PROJECT DESCRIPTION:

The Nubia Museum building basically accommodates exhibition areas for the display of the Nubian heritage.

Its main components comprise: Main and temporary exhibition halls, outdoor museum, amphitheatre, stores, workshops, labs, lecture halls & classrooms, administration offices, cafeteria and necessary services.

The building's design is made to provide suitable areas for exhibition halls as well as flow of movement between its different elements. The museographic display presents the development of the Nubian cultural heritage in a clear historic sequence.

The characteristic rock formations of the site are used in the landscape design of the layout to provide an outdoor museum.

This is reached via footpaths circulating through the rocky site flanked by the attractive natural environment. These footpaths lead to various elements such as graffiti and a Nubian village house model.

VII. MATERIALS, STRUCTURE, AND CONSTRUCTION

The building was constructed as an R.C. skeleton structure to cover the large spans essential for unobstructed vision in the main exhibition hall.

To realize sound and heat insulation of inner spaces and also to accommodate the wall show cases, double walling was used externally.

Local materials of Aswan were used such as sandstone cladding for facades and principal inner spaces. Aswan granite was also used for floorings of such spaces. As for the outdoor museum, granite and sand stone blocks were used for floorings.

Straw brick mix was applied in cladding of Nubian house model and the surrounding fence from inside as well as the gypsum decorations.

VIII. PROJECT SIGNIFICANCE AND IMPACT:

The Nubia Museum symbolizes the civilization of a region of great historic significance.

Following researches made for the Aswan High Dam Project, an international campaign was Launched for the salvage of the priceless treasures of the region and their collection within a cultural and archaeological center.

The Museum aims at presenting a complete display of the Nubian civilization and its cultural heritage. This comprises the geographic social and cultural characteristics displayed in archaeological collections, objects and documents as well as the ethnographic material.

The harmonious setting of the building lends it a unique natural beauty. It also surrounds it with the ambience of Ancient Egypt.

The site was selected in accordance to the original concept of the project that divides the exhibit display into: indoor and outdoor museums. The outdoor museum contains naturally existing antiquities representing Prehistoric, Ancient Egyptian, Greek, Roman and Islamic structures, the latter being apparent in the Fatimid domes within the site.

The nature of the site is characterized by rock formations on graded levels, which is considered a basic factor for the design of the museum's structural mass in the form of stepped terraces inspired from the ancient Egyptian architecture as apparent in the "Deir El-Bahary" temple.

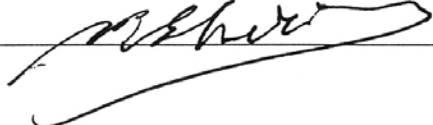
These terraces extend horizontally in conformance with the contour lines of the site, and at the same time the height is maintained within the natural skyline of the environment.

The local architectural elements such as the Nubian openings and decorations are used in the façade design. The climatic conditions are also taken into consideration; mainly the high temperature and the long duration of bright sunlight all around the year, thus the fenestration is minimized.

The campaign that succeeded in raising the necessary funds for financing the project and drawing upon the expertise of worldwide Known consultants is in fact a true symbol of fruitful international cooperation.

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Name : **Consult. Arch. Mohamed El-Sayed EL-Sherbeeney, Chairman of Arab Bureau.**

Signature  Date 3.4.2001



The Aga Khan Award for Architecture

1998 PROJECT DATA FORM

1447.EGY

I. IDENTIFICATION

Project Title The Nubia Museum in Aswan

Street Address Kalabsha Street

City Aswan Postal Code Country Egypt

II. PERSONS RESPONSIBLE

A. Architect/Planner (Main Consultant)

Name The Arab Bureau For Design and Technical Consultations

Mailing Address 1st. Nasr City - Abbassia Square

City Cairo Postal Code Country Egypt

Telephone 2833099-2833232 Facsimile 2933669 E-mail

B. Client

Name The Supreme Council of Antiquities

Mailing Address 4"d Fakhry Abdel Nour st.-Abbassia

City Cairo Postal Code Country Egypt

Telephone 2858643 Facsimile 2831117 E-mail 2859254

III. TIMETABLE

(please specify year and month)

Commission 3/8/1984 Design 10/11/1985 Construction 1/1/1986 Occupancy 11/10/1997

IV. AREAS AND SURFACES

Site and Building Area (please indicate in square metres)

A. Total Site Area 50000 m²

B. Ground Floor Area 6500 m²

C. Total Combined Floor Area 9200 m² Approx (including basement(s), ground ")

V. ECONOMICS

Please specify the amounts in local currency. Provide the equivalent in US dollars. Specify the date and the rate of exchange for US dollars at that time

	Amount in Local Currency	Amount in US dollars	Exchange Rate	Date
A. Cost of Land				
B. Total Costs (without land)	60150000 L.E.	17691176 u.s.dollars	u.s.dollar = 3.4 L.E.	5/8/97
C. Cost per square metre	1303 Approx.	383 Approx.		5/8/97