## Integrated Training Complex

### Hayatabad, Pakistan

**Address**
- Plot no. 34, Sector A3
- Hayatabad, Peshawar
- Pakistan

**Architect**
- Architectes Sans Frontières
- Paris, France

**Client**
- Solidarité Afghanistan
- Liège, Belgium
- Sandy Gall's Afghanistan Appeal
- London, United Kingdom

**Consultants**
- Sarwatsughr Architect 7
- Peshawar, Pakistan

**Site Engineers**
- Akram & Quassem
- Peshawar, Pakistan

**Builders**
- Teams of Afghan Refugees
- Peshawar, Pakistan

**Programme**
- Medical Training Centre
  - Hospital
  - consultation
  - treatment
  - operations block
  - wards
  - cafeteria
  - services
  - Training
  - classrooms
  - offices
  - dormitories

**Design**
- December 86 - February 88

**Construction**
- June 87 - May 89

**Occupancy**
- August 88 (phased)

**Site Area**
- 10'000 m²

**Ground Floor**
- 3'430 m²

**Total Floor**
- 5'770 m²

**Costs**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Land</td>
<td>1'815'000 PKR</td>
</tr>
<tr>
<td></td>
<td>104'860 USD</td>
</tr>
<tr>
<td>- Global</td>
<td>12'730'000 PKR</td>
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<tr>
<td></td>
<td>735'400 USD</td>
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<tr>
<td>- Construction per m²</td>
<td>1'940 PKR</td>
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<tr>
<td></td>
<td>112 USD</td>
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<tr>
<td><strong>Exchange</strong></td>
<td>USD = 17.31 PKR</td>
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<td><strong>1992 Award Cycle</strong></td>
<td><strong>II22.PAK</strong></td>
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1. **Arches during construction**
2. **Exterior, courtyard verandahs**

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*Integrated Training Centre, Peshawar, Pakistan*
Project

Four separate training programmes: for teachers (T.T.C.), apprentices (A.S.Y.A.R.), medical auxiliaries (M.T.A.) and surgeons (M.R.C.A.) have been grouped in common facilities to provide more coherent and comprehensive assistance to Afghan refugees in the Peshawar province of Pakistan. The programme was instigated in 1986 by Solidarité Afghani-

3. Ground floor plan

4. Exterior, staircase
stan, representing numerous non-governmental organisations, and is co-financed by the Commission des Communautés Européennes. The British Sandy Gall’s Afghanistan Appeal (S.G.A.A.) rehabilitation programme for disabled refugees was integrated to the programme in 1988. The entire complex was built by refugees, assisted by members of Architectes sans Frontières.

**Site**

Hayatabad, situated on the alluvial plain, is on the Pakistan-Afghanistan border, and was selected for its proximity to the now-established refugee camps. The region is seismic and the climate offers little wind, summer temperatures of up to 40°C and a substantial drop between day and night-time temperatures.

**Description**

The ground floor of the complex is occupied by the medical training centre and hospital whilst the first floor houses class rooms and dormitories for students. A module of
loadbearing, cement-stabilised brick measuring 4 x 8 m is the basis of the construction. This module is simply repeated as required to attain the required surface, be it a simple classroom space or a treatment ward. The simplicity of the construction allowed the refugees themselves to gradually take control of the works. Externally, brick arches are the dominant feature, in an honest expression of the construction materials, and offer shade to the verandahs, which serve as circulation spaces.

Construction

Exposed, loadbearing, cement-stabilised earth brick on foundations of local stone throughout, with reinforced concrete intermediate floors.

Project Significance

The self-help nature of the project contributed to the low-cost of the construction, and allowed approximately 120 refugees the opportunity to learn building skills which, it is hoped, will be of use to them on their return to Afghanistan. The resultant structure is compatible with the region and its climate. The results obtained both in the construction process and in running the completed Integrated Training Centre passed all expectations of the organising groups.