

## WORLD STUDENT GAMES: ATHLETICS STADIUM

### World Student Games: Don Valley Athletics Stadium

Full Olympic-standard outdoor Athletics facilities together with:

80m indoor warm-up track; full training and warm-up facilities including indoor high jump and long jump; 180,000 sq ft indoor conditioned accommodation for Competitors, Officials and Administrative Staff; seating for 10,000 Spectators; area floodlighting for 1500 lux at 6000°K - the first UK facility meeting the Eurovision colour TV standard; Telephone, Fax and Data requirements for full Press coverage. As an extension of the original appointment, the Firm were appointed to implement the Taylor Inquiry [Hillsborough Disaster] recommendations regarding all forms of communication viz radio, telephone, crowd-control, etc.

TOTAL PROJECT VALUE £23M



Andrew Wilkes Management were appointed by the City of Sheffield to undertake an appointment consisting of the:

- Principle Design
- M&E Management
- Value Engineering
- Cost Planning & Cost Control

The Firm's philosophy, emphasises the pro-active needs of complex, technically demanding projects where every element has an impact upon the others. The first task for Andrew Wilkes Management [as on every project undertaken] was to prepare an

accurate M&E Cost Plan reflecting the expectations described in Studies and Reports - as well as the 'hidden' items obtained by Briefing and personal interviews.



The Value Engineering work then started in earnest with Design Concepts; Options; Architectural Design influence; Structural Engineering impact; M&E preferences; and, Client 'wish-list', - all evaluated and reviewed.

The result of the Value Engineering exercise was to reduce the M&E costing from £3.267m to £2.293m for the Internal elements, and from £1.72m to £0.92m for the Externals, including the Floodlighting.

All of this was obtained without affecting the aesthetic quality of the structure/building nor the dynamic performance of the M&E Services.

