



Investigations/Repair Advisory Services/Life Cycle Costing/Technically Led Project Management

Investigation/Repair Advisory Services/Life Cycle Costing



## Condition Assessment & Life Cycle Costing of The Singapore Indoor Stadium

Project Profile

### Introduction

The proposed Singapore Sports Hub will be a premier land and sea sports, entertainment and lifestyle hub with integrated programming. It comprises of a new National Stadium, Indoor Aquatic Centre, Multi-purpose Arena, Water Sports Centre and the existing Singapore Indoor Stadium supported with leisure and commercial developments. The Singapore Sports Hub Consortium (SSHC), has engaged Ascent Facilities Engineering Pte Ltd to carry out a condition audit of the SIS and make cost estimates of the Life-Cycle-Cost over a 25-year period.

### Work Executed

The condition audit was based on a visual inspection of the SIS. Components including the structural, architectural, mechanical and electrical systems were checked. The fire detection and protection systems were also tested. Based on the checks and testing, immediate rectification cost as well as cost estimates over a 25-year life-cycle were provided.

**Key Words**    *Condition Audit/Assessment, Life-Cycle-Cost Estimation*