

## DESCRIPTION OF PROJECT Y – PFI SCHOOLS

### Introduction to contract

- Contractor to design, build, finance and operate six schools for a 27 year contract period.
- Each of the existing schools to be replaced with a modern purpose-built facility, designed in conjunction with the schools.
- The designs *should* facilitate the successful delivery of the curriculum and meet both education and non-educational requirements. The proposed buildings would be environmentally sustainable and comply with all relevant current legislation.
- For each of the schools and their respective sites, the Contractor would provide all buildings, installations, services, fixtures and fittings, access, hard and soft landscaping, play areas, sports fields and boundary treatments. The Contractor would also provide all lifecycle and facilities management services.

### This project

- Large modern secondary school in urban area
- Floor area: 20,000m<sup>2</sup>
- Scope of project:
  - demolition of existing buildings and re-levelling of site
  - construction of new school
  - facilities management
- Asbestos survey has been carried out: no asbestos found on premises
- Contract period should be assumed as 24 months (starting in July)
- Situated on a main road, therefore access to site is limited with deliveries and vehicle movements carefully controlled
- Use of a consolidation/bulking up centre, 10 miles away
- Limited space on site for storage and segregation of materials

### Demolition of existing buildings - mix of Victorian housing and industrial units

#### Victorian housing

- Bricks with lime mortar
- Slate tile
- Decorative ridge tiles
- Fireplaces
- Timber flooring
- Windows (largely sash)

#### Industrial units

- Bricks with cement mortar
- Steel frames
- Metal cladding and roofing
- Windows in poor condition
- Some tile roofs

All paving to be removed and site re-levelled

#### New-build

- Steel frame
- Blockwork walls
- Internal blockwork and stud partitions
- Brick cladding to first floor
- Metal cladding
- Aluminium windows
- Aluminium curtain walling at entrance
- Glass blocks
- Metal roof decking



**Construction of school**



**Architects impression**

**NB**

- You may wish to make certain assumptions about the project – for example about the nature of the materials being available from demolition works.
- You are free to make whatever assumptions you wish for the purposes of the exercise: strict accuracy is not necessary!
- However, you are expected to make appropriate decisions based on the assumptions that you make.