



## Project Fact Sheet

### Phase 2: Completion of the new John Gray High School Gymnasium

#### Project Investment Objectives (Key User Requirements):

- Provide a fully functional gymnasium for John Gray High School to be able to deliver indoor physical education that meets the requirements of the national curriculum.
- Provide a fully functional hall for exams and assemblies.
- Provide a national indoor arena for the National Sports Association and other entities.
- Provide for the surrounding area a category 5 rated hurricane shelter with seismic hardening for earthquakes.

#### Project Status

The gymnasium is still projected to be complete before the exams in May 2017.

It is also forecasted to be under budget.

#### Project Highlights

A new photovoltaic array has been included which generates electricity, LED lighting has also been designed in which will reduced the electrical demand - both of these measures will significantly reduce operational running costs.

Stakeholder engagement with the JGHS teaching staff has led to improvements in the design and spec that will improve the teaching and learning of physical education.

#### Project Challenges

Overcoming the risks associated with completing a partially constructed building and remaining on time and under budget.

Achieving the budgetary gains required to enable the procurement of the photovoltaic array.



## Project Fact Sheets

### Phase 3 to 5: Completion of the New John Gray High School Campus and the Repurposing of the George Hicks Site

#### Project Investment Objectives (Key User Requirements):

- Improve School Performance and Student Outcomes
- Efficient Whole School Layout
- Enhance Positive Student Behaviour
- Improve Operation Efficiency and Energy in Use
- Enhance Safe Guarding of Students and School Security
- Improve Systems and Structures for Leadership and Management
- Master Plan developed holistically for the NJGHS, CIFEC and the existing JGHS (George Hicks Site).
- Planning for use out of normal school hours
- Ability to expand for future educational uses

#### Project Status

The Strategic Outline Case has been approved by Cabinet.

The Outline Business Case is now proceeding, with procurement of the multi-discipline consultancy team due to be advertised in the coming weeks.

#### Project Highlight

Engaging with the teachers at John Gray High School to get their input for the key user requirements and proposed project scope. This involved stakeholders meetings and an on-line questionnaire.

Assembling a sub-committee with the representation from key stakeholders to research, develop and write the Strategic Outline Case. This has ensured that the proposed project closely aligns with the requirements of the teaching establishments and the educational providers.



## Project Challenges

Ensuring that the proposed project scope and short list of project options were sufficiently defined to enable a high-level cost estimate to be carried out. This was required for an affordability limit to be set for the project.

Identifying existing schools that met the project requirements that could be benchmarked in terms of design and cost.

## Proposed Project Scope (Key Aspects)

### To improve school performance and educational outcomes:

- Defined classrooms that provide:
  - natural light
  - good air quality
  - conducive ambient conditions
  - line of sight and other safe guarding provision,
  - adequate IT
  - adequate storage and other resource provision
- Breakout space provision for intensive intervention and collaborative working.
- A design that is sensitive to the needs of the Cayman Islands.

### To improve safeguarding:

- The ability for students to transit between lessons in a timely, safe and comfortable way that doesn't impact on learning time.
- As few buildings constructed with efficient internal layouts, as is feasible; sited to maximise line of site.
- Wide corridors, with no visibility obstructions, and glass used to enable line of sight.

### To increase and improve the extent of provision:

- Provide outdoor sports facilities that are safe and enable the full range of sports identified in the curriculum.
- Central admin area, canteen, library and staff room; offices and meeting rooms.
- Provide teaching space for a school roll of 1200 students, with space for expansion.
- Development of the George Hicks Site. CIFEC, Student Services, pregnant teens unit, the behaviour units and DES, to move to the site. Potential expansion for UCCI also to be included.



### To improve buildability and ensure value for money:

- The design should be efficient and simplistic in terms of architectural feature, with function taking precedent over form.
- The design should specify local materials and suppliers where possible.
- Provide new facilities designed to the latest building code, with as few buildings as is feasible, with energy saving and generating systems included (i.e. PV and LED technology).

### Proposed Project Options

The following short-list of project options will be developed and evaluated in the Outline Business Case to determine preferred option. Options 1 and 12 will be used as comparators in the analysis, but not developed except in whole life cost terms for evaluation purposes.

**Option 1:** Do Nothing: JGHS continues to operate out of the current site. CIFEC and other users continue to use the CIFEC site. DES continues to use their current offices.

**Option 5:** Construct new classrooms in one building – standalone. Repurpose the partially constructed buildings (1, 3 & 4c). Repurpose the George Hicks site.

**Option 6:** Construct new classrooms in one building, extended off building 1. Repurpose the partially constructed buildings (1, 3 & 4c). Repurpose the George Hicks site.

**Option 9:** Construct new classrooms in a building that connects buildings 1, 3 and 4c. Repurpose the partially constructed buildings (1, 3 & 4c). Repurpose the George Hicks site.

**Option 12:** Complete the school as originally designed. Repurpose the George Hicks site.

### Proposed Project Phases

**Phase 3:** Complete the New John Gray High School Campus .

**Phase 4:** Repurposing of George Hicks site for CIFEC and other users.

**Phase 5:** Demolish CIFEC and Construct the New John Gray High School Sports Fields.