



Australian Government
Department of Defence
Estate and Infrastructure Group

Brigadier M. J. Galton, DSC
Director General
Capital Facilities and Infrastructure



DGCFI-ID/OUT/2018/BJ1688512

The Hon Dr John McVeigh MP
Chair
Parliamentary Standing Committee on Public Works
Parliament House
CANBERRA ACT 2600

Dear Dr McVeigh

**COMMUNITY CONSULTATION REPORT:
DEFENCE HIGH PERFORMANCE COMPUTING CENTRE PROJECT**

1. This letter is to inform the Parliamentary Standing Committee on Public Works of the nature and extent of community consultation undertaken as part of the proposed Defence High Performance Computing Centre (DHPCC) Project (the Project).
2. The community consultation undertaken by the Department of Defence aimed to ensure the community and other stakeholders were:
 - a. well informed about the project's details through the use of effective and proven communication channels, and
 - b. provided the opportunity to raise issues of concern or to seek further information so that, wherever feasible, Defence could address these in its program of works.
3. The Stakeholder and Community Consultation Plan activities listed below were delivered in accordance with the project's comprehensive Community Engagement Strategy, namely:
 - a. Advertisement promoting two community information sessions was placed in the relevant local newspaper, The Advertiser on 18 September 2018. An example of the advertisement is at Annex A.
 - b. A project newsletter was distributed via letter box drop to all accessible occupants surrounding the base. A copy of the newsletter is at Annex B.
 - c. Formal letters advising of the upcoming Community Information Sessions and offering individual project briefings were emailed to key stakeholders, including Federal and State Members of Parliament, State Authorities, Local Government, and Community Groups. A list of stakeholders that received an invitation, and the status of each invitation, is at Annex C. An example of the correspondence sent to the members and respective groups on 19 September 2018 is at Annex D.

d. Two Community Information Sessions were held at the Bagster Road Community Centre on 8 and 10 October 2018 respectively. Details regarding the level of attendance, as well as questions and key issues raised by key stakeholders, community and industry during the consultation period is provided at Annex E. A summary of the displays made available for viewing at these sessions is at Annex F.

4. To date, information about the Project has been well received. Those that attended the Community Information Sessions were interested in the proposed works and any opportunities for local businesses to be involved in the project's construction and ongoing operation.

5. In conclusion, no issues that would likely impact on the proposed works were identified during Defence's consultations. Defence is satisfied that it has taken all reasonable steps to inform the community and stakeholders about the Project, and has provided opportunities for the community to raise any concerns and questions.

Yours sincerely



M. J. Galton, DSC
Brigadier

15 October 2018

Annexes:

- A. Newspaper Advertisement
- B. Project Newsletter
- C. Stakeholder Briefings and Follow-up Action
- D. Example Correspondence to Key Stakeholders
- E. Community Information Session Summary
- F. Community Information Session Display Materials

NEWSPAPER ADVERTISEMENT



Australian Government
Department of Defence

NOTICE OF COMMUNITY INFORMATION FORUM

The Department of Defence will conduct community information forums to outline the proposed construction works associated with the Defence High Performance Computing Centre Project, in DST Edinburgh, SA. These works are subject to Parliamentary approval.

Information on the proposed works will be available along with representatives from the Department of Defence to answer any questions.

Further Project details can be found on Parliamentary Standing Committee for Public Works website at:

<https://www.aph.gov.au/PWC>

When:
8/10/2018 6:30pm–8:30pm &
10/10/2018 10:30am–1:30pm

Where:
Bagster Road Community
Centre, 17 Bagster Rd,
Salisbury North SA 5108

PROJECT NEWSLETTER

DEFENCE HIGH PERFORMANCE COMPUTING CENTRE PROJECT - DEFENCE SCIENCE & TECHNOLOGY, EDINBURGH

Subject to Parliamentary approval, the Department of Defence is constructing new infrastructure and facilities at Defence Science and Technology (DST) within the Edinburgh Defence Precinct (EDP).

Located 25km north of Adelaide, DST provides value to Australia's defence and national security through its capacity to reduce and mitigate strategic and operational risks and to create and maintain a capability edge. DST delivers support to the Australian Defence Force on operations, sustainment and improvement to current capability, and development of new and emerging capabilities. As a very large science and technology precinct, DST manages its own secure computer network with a role to provide expert, impartial and innovative application of science and technology for the defence of Australia and its national interests. It is the largest Defence science and technology site in Australia, providing research facilities for approximately 1,200 personnel with a total workforce of approximately 2,000.

The Project proposes to deliver a combined building facility collocating a High Performance Computing (HPC) data centre and secure training and briefing facility at DST's establishment in South Australia including:

- A new high security / high integrity HPC data centre capability;
- Secure visualisation and training facilities;
- Dedicated DST secure meeting, training and laboratory facilities; and
- Increased in new car parking capacity required to support the facilities function.

Subject to Parliamentary approval, the works will begin from early 2019 for completion in mid 2020.

For your information, Department of Defence will be holding two community consultation events on the works proposed for DST, Edinburgh; details are listed below.

Community Information Session details

Session 1

Date: Monday 8 October 2018

Time: 6:30pm – 8:30pm

Venue: Bagster Road Community Centre

Address: 17 Bagster Rd, Salisbury North SA 5108

Session 2

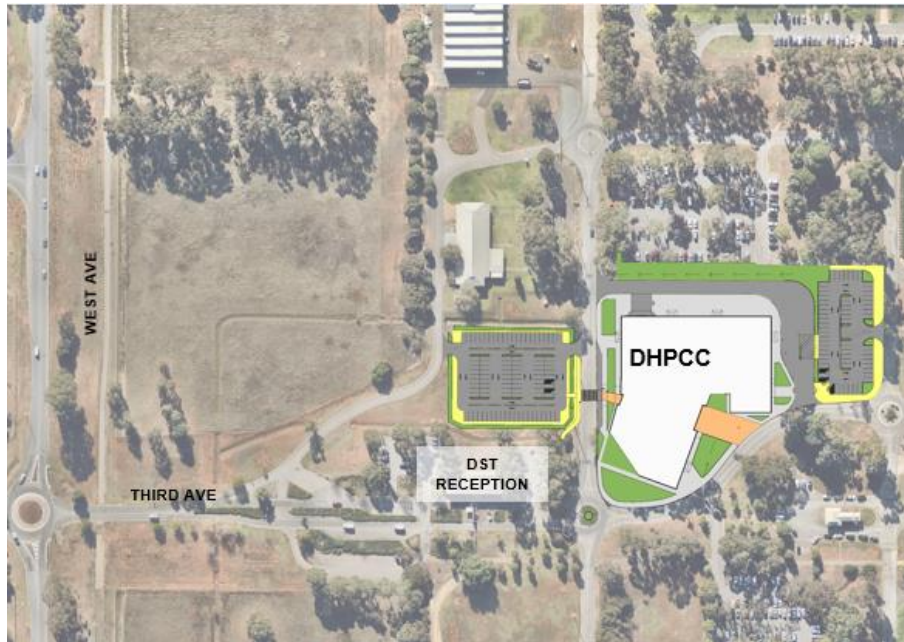
Date: Wednesday 10 October 2018

Time: 10:30am – 1:30pm

Venue: Bagster Road Community Centre

Address: 17 Bagster Rd, Salisbury North SA 5108

As can be seen from the below aerial image, the construction works proposed as part of this project are fully contained within the DST site boundaries.



For further information, please contact Major Teresa Pexton by emailing

[REDACTED]

STAKEHOLDER BRIEFINGS AND FOLLOW UP ACTION

STAKEHOLDER	ORGANISATION AND MEMBER	DATE OF CONSULTATION	NOTES
FEDERAL GOVERNMENT	Mr Nick Champion MP Federal Member for Wakefield	10 October 2018	<p>19 September 2018 – Defence emailed a letter to Mr Nick Champion, providing project information, contact details, a site link and an invitation to contact Defence for a personal briefing.</p> <p>10 October 2018 – A personal briefing was held with Mr Champion. No issues were raised, the date for the PWC Hearing was confirmed, and he was supportive of the project.</p>
STATE GOVERNMENT	The Hon Steven Marshall MP Premier of South Australia Minister for Defence and Space Industries	10 October 2018	<p>19 September 2018 – Defence emailed a letter to the Hon. Steven Marshall, providing project information, contact details, a site link and an invitation to contact Defence for a personal briefing.</p> <p>10 October 2018 – Ms Sumen Rai, Defence SA, on behalf of the Premier attended the Community Information Session and was provided with a personal briefing. No issues were raised and she was supportive of the project.</p>
	Mr Jon Gee South Australian Member for Taylor	10 October 2018	<p>19 September 2018 – Defence emailed a letter to Mr Jon Gee, providing project information, contact details, a site link and an invitation to contact Defence for a personal briefing.</p> <p>10 October 2018 – Mr Alex Coates JP on behalf of Mr Gee attended the Community Information Session and was provided with a personal briefing. No issues were raised and he was supportive of the project.</p>

STAKEHOLDER	ORGANISATION AND MEMBER	DATE OF CONSULTATION	NOTES
LOCAL GOVERNMENT	Ms Gillian Aldridge OAM Mayor of the City of Salisbury	10 October 2018	<p>19 September 2018 – Defence emailed a letter to Ms Gillian Aldridge OAM, providing project information, contact details, a site link and an invitation to contact Defence for a personal briefing.</p> <p>10 October 2018 – Ms Aldridge OAM attended the Community Information Session and was provided with a personal briefing. No issues were raised and she was supportive of the project.</p>
STATE AUTHORITIES	Mr Nigel McBride Chief Executive Officer Business SA Chamber of Commerce and Industry, South Australia	3 October 2018	<p>19 September 2018 – Defence emailed a letter to Mr Nigel McBride, providing project information, contact details, a site link and an invitation to contact Defence for a personal briefing.</p> <p>3 October 2018 – Business SA advised that Mr McBride would not be attending any of the Community Consultation Sessions and that contact would be made should he require further information. No further contact to date.</p>
COMMUNITY GROUPS	Mr Jeffrey Newchurch Chairperson Kaurna Nation Cultural Heritage Association	16 October 2018	<p>19 September 2018 – Defence emailed a letter to Mr Jeffery Newchurch, providing project information, contact details, a site link and an invitation to contact Defence for a personal briefing.</p> <p>24 September 2018 – Defence will conduct a personal briefing with Mr Newchurch at 10:00am on 16 October 2018 at Keswick Barracks.</p>

EXAMPLE CORRESPONDENCE TO KEY STAKEHOLDERS



Australian Government
Department of Defence

Ref: DRMS BJ1440989

[Insert Addressee Name]
[Insert Addressee Position Title]
[Insert Addressee Address Line 1]
[Insert Suburb, State, Postcode]

Sent via email: Nick.Champion.MP@aph.gov.au

Dear [Insert Addressee Name]

DEFENCE HIGH PERFORMANCE COMPUTING CENTRE PROJECT – DEFENCE SCIENCE AND TECHNOLOGY, EDINBURGH – PARLIAMENTARY STANDING COMMITTEE ON PUBLIC WORKS

I am writing to you on behalf of The Department of Defence regarding the Defence High Performance Computing Centre Project (the ‘Project’) at Defence Science and Technology (DST) Group, Edinburgh, South Australia.

The aim of the Project is to provide the enabling facilities and infrastructure for a secure, centralised ‘supercomputer’ capability to undertake advanced research, development, modelling and experimentation and can store, manage and process large volumes of diverse data sets. The Project proposes to deliver a combined building facility collocating a High Performance Computing (HPC) data centre and secure training and briefing facility at DST’s establishment in South Australia including:

- A new high security / high integrity HPC data centre capability;
- Secure visualisation and training facilities;
- Dedicated DST secure meeting, training and laboratory facilities; and
- Increased new car parking capacity required to support the facilities’ function.

The total estimated capital cost of the works of the Facility is \$68.8 million, excluding Goods and Services Tax.

Subject to Parliamentary approval of the Project, the works will begin from early 2019 for completion in mid 2020.

The Statement of Evidence, which provides detailed information on the Defence High Performance Computing Project, can be downloaded from the Parliamentary Works Committee website at:

https://www.aph.gov.au/Parliamentary_Business/Committees/Joint/Public_Works/DefenceHPCC

The Parliamentary Standing Committee on Public Works public hearing is anticipated to be held in Canberra in October 2018.

For your information, Department of Defence will be holding two community consultation events on the works proposed for DST, Edinburgh; details are listed below.

Community Information Session details

Session 1

Date: Monday 8 October 2018

Time: 6:30pm – 8:30pm

Venue: Bagster Road Community Centre

Address: 17 Bagster Rd, Salisbury North SA 5108

Session 2

Date: Wednesday 10 October 2018

Time: 10:30am – 1:30pm

Venue: Bagster Road Community Centre

Address: 17 Bagster Rd, Salisbury North SA 5108

If you would like additional information or would like to organise a brief on the Project, please do not hesitate to contact me via the details listed below. Alternatively, please contact the Project Officer for the Project, Mrs Joanne Morritt on [REDACTED]

Yours sincerely

TL Pexton

Major

Project Director – Central West

Department of Defence

32-1-31 Keswick Barracks

Anzac Highway

KESWICK SA 5035

[REDACTED]

[REDACTED]

September 2018

COMMUNITY INFORMATION SESSION SUMMARY

1. A total of 12 community members (plus four key stakeholders) attended the two community information sessions that were held at the Bagster Road Community Centre on the following dates:
 - a. Monday, 8 October 2018 between 6:30pm and 8:30 pm (nil attendees)
 - b. Wednesday, 10 October 2018 between 10:30am and 1:30pm (12 attendees plus four key stakeholders).
2. A summary of the questions and key issues raised during consultation were as follows:

ISSUE / QUESTION	RESPONSE PROVIDED	COMMUNITY MEMBER
When is construction commencing?	Subject to Parliamentary approval, construction is expected to commence in early 2019. The works are expected to be complete by mid-2020.	Member of the public – This was asked by several people.
What is this session about?	This is a public information session to describe the Defence High Performance Computing Centre Project for the Department of Defence	Member of the public.
Will the industry and surrounding businesses have access to use the facility?	There is no public access to the proposed facility. The proposed facility will be used for Defence capability operations.	Member of the public.
Do you have to be in the Defence Force to work in the facility?	You do not have to be in the Defence Force, but you must be employed by the Department of Defence such as Defence Science and Technology to work in the proposed facility.	Member of the public.
Do you know what the large building is located behind the Holden site?	The building is a Defence building and is located on the Defence Science and Technology Edinburgh site but we are not aware of what the building is used for.	Member of the public.

ISSUE / QUESTION	RESPONSE PROVIDED	COMMUNITY MEMBER
<p>If the building is going to provide more employment for the local community, what are the negatives if any?</p>	<p>The new proposed facility will generate no noise, smoke, fumes or other effects on the surrounding community areas.</p> <p>As part of the design process Defence has considered additional traffic during construction, and to mitigate any potential impacts we are investigating the use of a separate gate to allow contractors to enter the Defence Science and Technology site efficiently to minimise congestion on West Avenue. Once the proposed facility is completed, when larger industry and science community events are held, Defence Science and Technology will tailor event timings to minimise traffic congestion at peak morning and afternoon periods. Accordingly, there are no traffic concerns created by this proposal.</p>	<p>Member of the public.</p>
<p>How many people will work within the facility?</p>	<p>Defence Science and Technology Edinburgh's current footprint of employees is approximately 2000. Defence believes approximately 30 staff will operate within the proposed facility.</p>	<p>Member of the public.</p>
<p>What is the cost of the project?</p>	<p>The total cost of the proposed works is \$68.8 million, excluding goods and services tax. The cost estimate includes construction costs, professional management and design fees and all fittings, equipment and infrastructure. It also includes appropriate allowances for contingencies and escalation. The cost does not include the capability component.</p>	<p>Member of the public.</p>
<p>Why is the government spending so much money on this new facility if we have existing facilities that can perform the same task?</p>	<p>The High Performance Computing Centre Project addresses the shortcomings of Defence Science and Technology's existing ICT capacity and training facilities that are at capacity, with no possibility for expansion or upgrade.</p>	<p>Member of the public.</p>

ISSUE / QUESTION	RESPONSE PROVIDED	COMMUNITY MEMBER
Will this building have solar?	A 100kW solar photovoltaic array was included within the design; however, Defence isn't delivering it as part of this package of works. This building has been flagged to be considered to have a solar photovoltaic system installed as part of a separate project which is a Defence National solar program of works.	Member of the public.
What is happening with the existing building at DST once this facility is ready to be used?	The existing Building 73 will continue to be used for Defence Science and Technology central network support. The new proposed facility will be additional to the existing.	Member of the public.
Where is the existing building located?	The existing Building 73 is located on the Defence Science and Technology site in the Edinburgh Precinct.	Member of the public.
What sort of jobs will this facility provide the local community?	This proposed facility will provide ICT processing jobs once it is completed.	Member of the public.
Has this building received Planning approval?	The project has been designed in accordance with the National Construction Code 2016 (Building Code of Australia) and all relevant Australian Standards and Defence Legislation and code guidelines. The project will have an accredited Building Surveyor certify the compliance of the design and the completed works.	Member of the public.
What is the size of the computer in comparison with our existing facility?	The new computer will be one of the largest within Australia. Defence is seeking to purchase a computer that will be comparable with those as identified in the Supercomputer Top 500 list.	Member of the public.
What are the main rooms within the facility?	Data hall and supporting services rooms, an auditorium and secure meeting rooms.	Member of the public.

ISSUE / QUESTION	RESPONSE PROVIDED	COMMUNITY MEMBER
Will school kids be able to walk through the facility as a learning experience?	The proposed facility will be used strictly for Defence purposes.	Member of the public.
Will it be used for training?	The proposed facility will have a simulation and modelling capability. As an example, if Defence needs to make a modification to an aircraft, the 'super computer' will be able to model and simulate the impacts the modification has on the aircraft rather than having to physically make the modification and test it using real aircraft and people with potential catastrophic outcomes at worst. Running the iterations in the virtual world through modelling and simulation should potentially offer savings to Defence operations in the future as there may only be a need to physically test once, rather than over and over.	Member of the public.
Where was this public information session advertised?	It was advertised in The Advertiser within the General Notices section.	Member of the public.

ISSUE / QUESTION	RESPONSE PROVIDED	COMMUNITY MEMBER
<p>Are there any employment opportunities as we run an ICT pathways to employment program here at the Bagster Road Community Centre?</p>	<p>The construction phase of the project will provide opportunities for local contractors, subcontractors and suppliers, including Indigenous commercial entities, to provide management, contracting and materials supply services.</p> <p>It is anticipated that the Head Contractor will engage up to 30 trades to assist in delivery of the project. Suppliers of a similar number will be involved in providing materials, plant and equipment to the project.</p> <p>The expectation is that the project will employ up to a maximum of 160 personnel and average approximately 105 personnel throughout the construction phase.</p> <p>In regard to the capability, University pathways will equip personnel with STEM skills to enable their participation in High Performance Computing activities.</p>	<p>Member of the public.</p>
<p>Based upon the traffic, will it be military personnel working on base that will use the facility?</p>	<p>Yes, it will be the existing staff at Defence Science and Technology. Although we note the data centre itself won't have staff working fulltime within the proposed facility, so we don't anticipate an increase in traffic congestion because of this proposed facility.</p>	<p>Member of the public.</p>

COMMUNITY INFORMATION SESSION DISPLAY MATERIALS

FEATHERBOARD 1



Defence Science & Technology (DST)

Defence High Performance Computing Centre (DHPCC)
Edinburgh | South Australia

The Defence Science and Technology (DST) Group Edinburgh delivers support to the Australian Defence Force on operations, sustainment and improvement to current capability, and development of new and emerging capabilities. This precinct is the largest Defence science and technology site in Australia, providing research facilities for approximately 1,200 personnel with a total workforce of approximately 2,000.

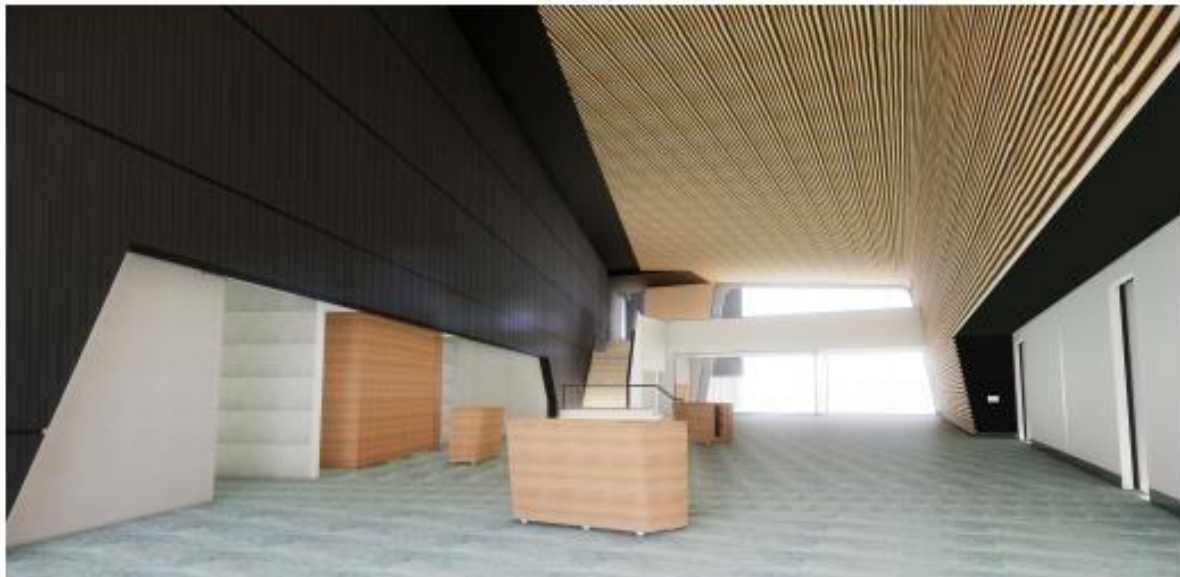
To continue to provide this support and maintain a capability edge to the Australian Defence Force, DST requires a secure, centralised 'supercomputer' for advanced research, development, modelling and experimentation.

This project aims to provide the enabling facilities and infrastructure for a secure, centralised 'supercomputer' capability to undertake advanced research, development, modelling and experimentation.

The facility, named the Defence High Performance Computing Centre (DHPCC), will be provided with 2.6MW of computing capacity with the capability to increase the computing capacity to 5.0MW in the future. The facility will also include associated secure visualisation, training, briefing and laboratory facilities.

This new facility will enable DST to continue to provide expert, impartial and innovative application of Science and Technology for the Australian Defence Force and Australia's national interests. The DHPCC will enable new high fidelity modelling and simulations for DST and the Australian Defence Force, a capability it currently does not possess.

FEATHERBOARD 2



Foyer



Conference Room

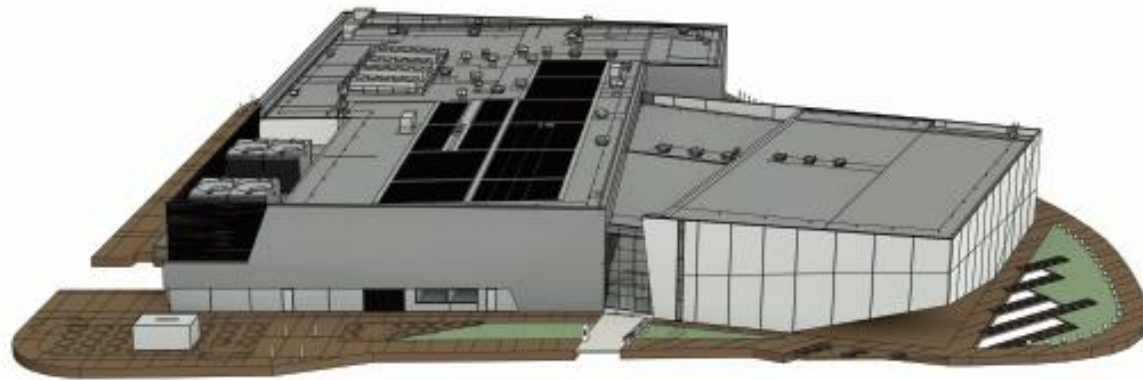
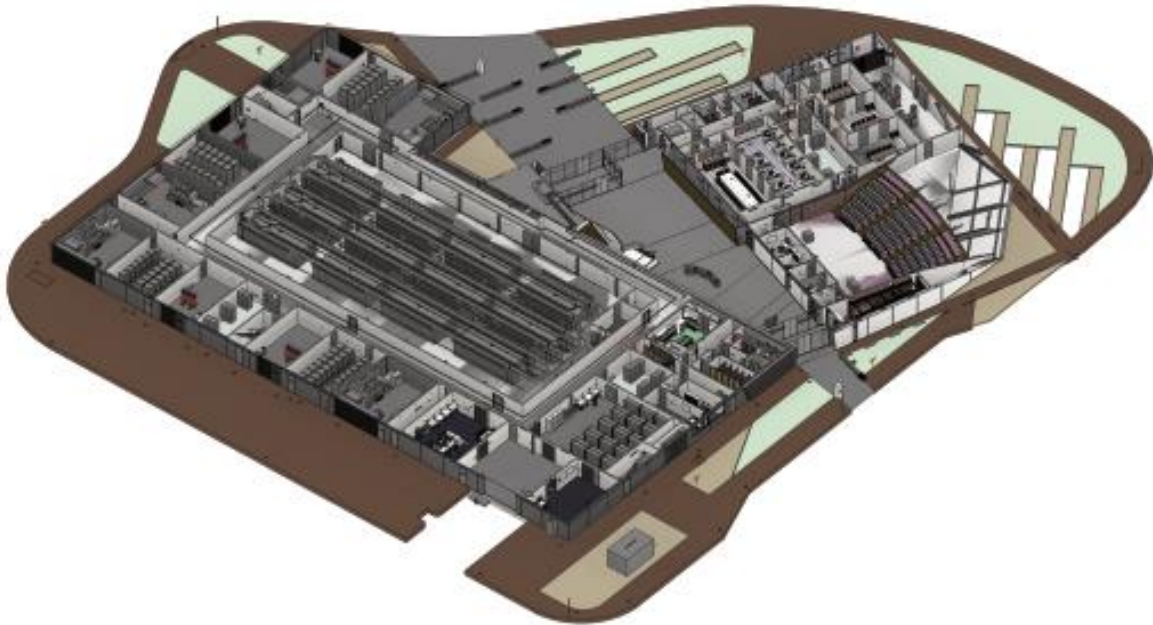
Defence Science & Technology (DST)

Defence High Performance Computing Centre (DHPCC)
Edinburgh | South Australia

The proposed facility is a single, secure-rated building comprising the following principal components:

- 1200m² high performance data hall
- ICT laboratories and offices
- Delivery hall and store room
- Switch rooms, generator rooms and transformer rooms
- UPS and battery rooms
- Plant rooms
- Foyer, reception, kitchen and servery
- 300 person secure auditorium
- Training rooms, meeting rooms, video conference room and analytical laboratory
- Ablutions and amenities
- An external diesel fuel unloading and hardstand area
- Additional car parking for 25 vehicles
- External paving and landscaping

FEATHERBOARD 3



Defence Science & Technology (DST)

Defence High Performance Computing Centre (DHPCC)
Edinburgh | South Australia

FEATHERBOARD 4



Plant Room and Data Hall

Defence Science & Technology (DST)

Defence High Performance Computing Centre (DHPCC)
Edinburgh | South Australia