

## Anne Nihill

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**From:** Anne Neil  
**Sent:** Tuesday, 29 May 2018 2:04 PM  
**To:** [Sch. 4(4)(6) - Disclosing pers]  
**Cc:** Gerard Coggan; Paul Holden  
**Subject:** RE: Questions for Imperium3 for meeting of Friday 18 May 2018

Hi [Sch. 4(4)(6)]

Am following up with regard to the below information request and seeking to understand if you require any clarification on these points since the meeting of 18 May 2018?

Do you have a timeframe in mind of when you will be able to provide the information requested?

With regards, Anne



**Anne Neil**

Director – Jobs and Regional Growth  
Industry Partnerships  
Department of State Development,  
Manufacturing, Infrastructure and Planning

P [Sch. 4(4)(6) - Disclosing] M [Sch. 4(4)(6) - Disclosing]  
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**From:** [Sch. 4(4)(6) - Disclosing personal information]@bostonglobal.com.au]  
**Sent:** Thursday, 17 May 2018 6:04 PM  
**To:** Anne Neil <Anne.Neil@dsmip.qld.gov.au>  
**Cc:** Gerard Coggan <Gerard.Coggan@dsmip.qld.gov.au>; Paul Holden <Paul.Holden@dsmip.qld.gov.au>  
**Subject:** Re: Questions for Imperium3 for meeting of Friday 18 May 2018

Hello Anne

Thank you for your email i received it early this morning.

I tried to call you back and left you a message. I also left Paul a message earlier this morning.

Your email is quite detailed and you have requested a lot more information given the short timeframe prior to the meeting.

In saying this i believe i will be able tomorrow to provide the relevant answers to most of your questions. I believe documentation provided to date may cover certain aspects.

I will provide what information i can tomorrow when we meet and i do not have an issue with members of Townsville city Council being present at the meeting.

Regards

[Sch. 4(4)(6) - Disclosing pers]

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Executive Director

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On 16 May 2018, at 5:30 pm, Anne Neil <Anne.Neil@dsdmip.qld.gov.au> wrote:

Hi Sch. 4(4)(6) - D

Thank you for the information you have provided previously. Gerard Coggan, Executive Director, Paul Holden, Regional Director and myself have reviewed the materials and are now seeking further clarification at our meeting this Friday 18 May 2018.

At the meeting on Friday we would therefore like to discuss the following questions upfront:

- Do Imperium 3 have a more detailed scope of work (or proposals from consultants) available for the proposed Feasibility and Engineering Study? If so, can you please provide?
- Will the scope of the Feasibility and Engineering Study being supported by the \$3.1 million grant be of sufficient scope to fully support financial due diligence (i.e. Bankable Feasibility Study) to allow a financial investment decision to be undertaken? Or will further feasibility and engineering be required for this decision?
- Can you please provide a copy of the detailed breakdown the feasibility and engineering study as outlined in Section 2 of your information pack?
- Can you please outline who you propose to deliver key scope elements (i.e. will AUSENCO complete all works, or will other consultants and iM3 deliver aspects)?
- Can you please confirm whether Imperium 3 has been able to secure the additional Sch. 4(4)(7)(1)(c) - D of private sector funding required to deliver the Feasibility and Engineering Study? If not, can you please provide an update on its status and when you expect this to be finalised?

If you are able to bring copies of the materials requested to the meeting, this would be appreciated. These above questions are premised on our expectations and need to clarify the following aspects:

- The Terms of Reference/ Scope of Works currently do not appear to sufficiently address the development of a detailed market analysis, including a supply/demand assessment, international competitiveness assessment (comparative advantages and disadvantages), assessment of availability and supply of key process inputs, and detailed economic model.
- Nor does it consider a detailed project risk assessment (should include technology and commercial risks), or logistics and transportation strategies and costs, or energy requirements.



- Consideration will also be required on any infrastructure upgrades (e.g. electricity, gas, water, roads) that may be required to support the project – this is not currently clear where this will be considered in the Feasibility Study.
- A detailed Project Finance Plan should also be developed as part of this work, to ensure there is visibility of Imperium 3's finance strategy and timeframes for achieving Financial Close following completion of the Feasibility and Engineering Study.

In addition, it is understood that Townsville City Council are seeking to attend Friday's meeting. We would like to confirm your acceptance of Townsville City Council attending the meeting? I appreciate that you may have already spoken to Paul Holden about this.

Could you please confirm receipt of this email and the acknowledgement of the questions put forward for discussion on Friday.

I look forward to hearing more about the project on Friday. Kind regards, Anne



**Anne Neil**

Director – Jobs and Regional Growth  
**Industry Partnerships**  
 Department of State Development,  
 Manufacturing, Infrastructure and Planning

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**From:** [redacted] <[redacted]@bostonglobal.com.au>  
**Sent:** Friday, 23 March 2018 3:51 PM  
**To:** Anne Neil <Anne.Neil@dsdmip.qld.gov.au>; Paul Holden <Paul.Holden@dsdmip.qld.gov.au>  
**Cc:** Gerard Coggan <Gerard.Coggan@dsdmip.qld.gov.au>  
**Subject:** DoSD and Planning - Submission - IM3.pdf

Hi Anne,

Please see attached document which addresses the questions in your email post our meeting in Brisbane.

Please do not hesitate to contact me should you have any concerns.

Kind Regards

[redacted]

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## Anne Nihill

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**From:** [Sch. 4(4)(6) - Disclosing personal information]@bostonglobal.com.au>  
**Sent:** Tuesday, 29 May 2018 2:10 PM  
**To:** Gerard Coggan  
**Cc:** Anne Neil; Paul Holden  
**Subject:** IM3 - Definition Study Scope of Work  
**Attachments:** 20180528 - Definition Study\_Scope of Works - iM3 v1.2.pdf; ATT00001.htm

Hello Gerard

Please see below scope document for your review.

Please do not hesitate to contact me should you have any further information.

RTI RELEASE - DSDMIP





**SCOPE OF WORKS  
DEFINITION STUDY  
& INVESTMENT DECISION**

**TOWNSVILLE LIB MANUFACTURING PROJECT**

**DOCUMENT NUMBER: 18\_05\_22\_Qld\_DS\_SOW**

**DATE OF ISSUE:**

**22 May 2018**


	<b>Definition Study Phase &amp; Investment Decision Scope of Works</b>	
	Project: Townsville LIB Manufacture Document number: 18_05_22_Qld_DS_SOW Rev: A Date: 22/05/2018	

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Disclaimer: The information contained within this report is based on current market information and is subject to change due to potential unforeseen conditions beyond the control of the Company and Board. These include, but may not necessarily be limited to, government delay and delays obtaining necessary third party documentation and market fluctuations. This document supersedes any other documents, oral or written, provided by the Company prior to the date of this report.

	<b>Definition Study Phase &amp; Investment Decision</b> <b>Scope of Works</b>	
	Project: Townsville LIB Manufacture Document number: 18_05_22_Qld_DS_SOW Rev: A Date: 22/05/2018	

## 1 Executive Summary

Imperium3's development of a 15 GWh LIB manufacturing facility in Townsville, Queensland is now advanced to the stage of delivery the of a Definition Study to support the Investment Decision.


The Definition Study will deliver a detailed work breakdown for future project funding and subsequent project execution. A key deliverable is a detailed capital cost estimate with an expected accuracy of  $\pm 10\%$ , which requires estimates to be prepared off the actual engineering / project design.

The condition precedent to secure project funding is of course the provision of a Feasibility Study. Major project financiers do not have definitive requirements of what constitutes a bankable feasibility study for this particular industry given there are no applicable precedents. As such, Imperium3 and its strategic partners have developed a detailed scope of works for a Definition Study as typically seen in project feasibilities in the mining and construction sectors. This study integrates the Feasibility with detailed engineering definitions to allow Imperium3 to move immediately from this stage into project execution once funding is finalised. It is vital to the project's success to fast track the LIB manufacturing to maximise benefit of the project's leading materials technologies, which will deliver benchmark performance, low cost and sustainable manufacture. This Definition Study will include a bankable feasibility based on global market conditions which are subject to change.


A critical element to the success of LIB manufacturing is the efficiency of production from material inputs. Consequently, Imperium3 will be taking a strategic partnership approach to redirect work programs from engineering consultants to leading suppliers and global experts. Imperium3's strategic partners will provide works in kind and at cost, resulting in greater certainty throughout the tendering process identifying the best process solution, fast tracking its delivery and achieving significant cost efficiencies.

The time and cost of delivery of the Definition Study will benefit from the significant efforts to date of Imperium3 in assembling project partners with a proven track record and necessary expertise in the respective disciplines:



	<b>Definition Study Phase &amp; Investment Decision</b>	
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- **Imperium3.** Imperium3 has experts with knowledge of leading materials technologies and experience in all aspects of battery materials supply chain. Imperium3 will take the lead coordination role for the Definition Study and its experts will provide key inputs in for the manufacturing process and assist in design, engineering, vendor selection, market study and risk assessment activities. In particular, Frank Houllis from Imperium3 will lead the management and coordination of the Study.
- **ProBuild.** Leading national Tier 1 construction contractor with extensive experience in delivery of large design and construction projects. ProBuild will be responsible for design and delivery of all buildings and structures. For the delivery of its scope, ProBuild has engaged expert consultants WT Partnership, Norman Disney & Young, and WBHO Infrastructure.
- **Norman Disney & Young (NDY).** NDY is a global engineering consultancy firm offering a full range of services in delivery of large commercial projects. NDY will provide the related discipline engineering required for the provision of buildings and services including electrical, water and sewerage, process piping and utilities, and fire engineering.
- **WBHO Infrastructure.** WBHO Infrastructure is a leading Australian contractor in the delivery of infrastructure projects. WBHO will oversee the development of bulk earthworks and all infrastructure to and within the site.
- **WT Partnership.** WT Partnership are internationally recognised Quantity Surveying experts. They will oversee the compiling of cost data to support the project's financial analyses.
- **Siemens.** Global process control, automation, electrical and instrumentation conglomerate with extensive experience in LIB manufacturing. Siemens will be responsible for delivery of all automation and instrumentation related work packages.
- **Ausenco.** Queensland based engineering contractor with a global portfolio of project delivery in mining, processing and manufacturing. Ausenco will oversee the process engineering part of the Definition Study.
- **Others.** Imperium3 has also formed alliances with leading equipment and materials suppliers in LIB manufacture and include B&W Megtec and Celgard. These suppliers have been selected for the quality and reliability of their products and will ensure that the Definition Study delivers the best process solutions for the Townsville project.

	<b>Definition Study Phase &amp; Investment Decision</b> <b>Scope of Works</b>	
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This document details the Scope of Works for the Project's Definition Study, which will be delivered by the project partners listed above. The Scope of Works are broken down into the following key headings:

- General project Data
- Engineering Deliverables
- Health Safety and Environment
- Market Study and Financial Analysis
- Risk Assessment
- Project Programme

## **2 Purpose**

### **2.1 General**

2.1.1 The purpose of this project Definition Study and Investment Decision is to develop a Class 2 Detailed Estimate using detailed engineering material take-offs and project specifics to support investment approval for the 15 GWh Townsville LIB Manufacturing Project.


2.1.2 This Scope of Work covers the minimum technical requirements to be adopted in the preparation of the design calculations, construction drawings and construction specifications.

### **2.2 Scope of Work Basis**

The scope of work for the Definition Study includes delivery of a Class 2 capital cost estimate and is based on the following:

- Woodstock project site in Townsville, Queensland
- Selected Imperium3 material technologies for LIB manufacturing
- ±10% Capital Cost Estimate accuracy range
- High level of project definition at >50% of total project engineering
- Detailed specification of equipment with assembly level line items and detailed take offs
- Equipment, material supply and construction quotes.



	<b>Definition Study Phase &amp; Investment Decision</b>	
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**3 General Project Data**

The assembly of general project data will be overseen by Imperium3 with input from strategic partners and external consultants.

**3.1 Project Scope Description**

Imperium3 will provide definition of the LIB Manufacturing plant capacity and operating basis with clear demarcation of project boundaries. Imperium3's key deliverable is a Project Description Report.

**3.2 Plant Location**

ProBuild will oversee delivery of a Site Report. It is expected that some items, such as 3.2.4 and 3.2.5, will require input from external consultants


- 3.2.1 Overall Site Plan
- 3.2.2 Site and Plant Layout
- 3.2.3 Infrastructure and Services
- 3.2.4 Contour Mapping
- 3.2.5 Soils and Hydrology
- 3.2.6 Integrated Project Plan (Manufacturing and Supply Chain)

**3.3 Project Administration**

Imperium3 will develop description of the Enterprise Structure, Systems and Policies for project execution with input from partners.

- 3.3.1 Work Breakdown Structure
- 3.3.2 Project Code of Accounts
- 3.3.3 Organisational Structure and Complements
- 3.3.4 Recruitment and Training
- 3.3.5 Contracting and Procurement Strategies
- 3.3.6 Project Scheduling



	<b>Definition Study Phase &amp; Investment Decision Scope of Works</b>	
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## 4 Engineering

### 4.1 Process Definition


These items are associated with the delivery of a Process Definition Package, which will provide the input for subsequent work done by the project partners in delivering their scope of expertise. Ausenco will oversee the delivery of the Process Definition package with support by Imperium3.

- 4.1.1 Technology Selection and Testwork
- 4.1.2 Block Flow Diagrams
- 4.1.3 Process Flow Diagrams
- 4.1.4 Process Design Criteria
- 4.1.5 Operating/Control Philosophy
- 4.1.6 Heat and Material Balances
- 4.1.7 Equipment Lists (Process and Utilities)
- 4.1.8 Detailed Equipment Datasheets and Specifications
- 4.1.9 General Arrangements Drawings
- 4.1.10 Equipment Pricing
- 4.1.11 Equipment Spares Philosophy and Spare Parts Listing
- 4.1.12 Processing Parameters
- 4.1.13 Production and Maintenance Schedule
- 4.1.14 Reagent and Consumable Consumptions
- 4.1.15 Process, Consumables and Product Inventories
- 4.1.16 Dispatch Logistics

### 4.2 Earthworks, Civil, Structural and Building

These items detail the various engineering disciplines in the delivery of the project's bulk earthworks, buildings and structures. NDY with input from WBHO will oversee the delivery of the drawings and work packages for each of these major disciplines.

- 4.2.1 Plot Plans
- 4.2.2 Bulk Earthwork Discipline Drawings
- 4.2.3 Structural Engineering Drawings
- 4.2.4 Building Discipline Drawings
- 4.2.5 Chutework and Platework

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- 4.2.6 Bills of Quantities
- 4.2.7 Discipline Work packages

### 4.3 Electrical and Instrumentation


These items are associated with the delivery of the project's electricals and process control and automation. NDY with input from Siemens for the process control and automation will oversee the delivery of the drawings and work packages for each of these items.

- 4.3.1 Electrical Equipment List / Motor List
- 4.3.2 Electrical Equipment Datasheets and Specifications
- 4.3.3 Electrical Single Line Diagrams
- 4.3.4 Electrical HV and LV Distribution Diagrams
- 4.3.5 Instrumentation and Controls Discipline Drawings.
- 4.3.6 Functional Specification.
- 4.3.7 Instrument Datasheets and Specification Lists.
- 4.3.8 Control System Architecture.
- 4.3.9 Information Systems Definitions
- 4.3.10 Enterprise Resource Planning Functions

### 4.4 Utilities and Infrastructure

These items are associated with the delivery of the project's utilities and infrastructure. NDY with some input from WBHO will oversee the delivery of the drawings and work packages for each of these items.

- 4.4.1 Definition of temporary construction site infrastructure, including roads, manufacturing site drainage, temporary power and water management.
- 4.4.2 Definition of material offloading and storage areas both on and off site
- 4.4.3 HV, MV and LV power distribution.
- 4.4.4 Development of water service and distribution system designs
- 4.4.5 Development of project access plan.
- 4.4.6 Development of waste management and storage system designs

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**4.5 Execution**

These items are associated with the project's execution. Imperium 3 and ProBuild will oversee the delivery of each of these items. ProBuild will manage the flow of information using its Building Information Modelling (BIM) software to ensure that all the information and data collected from third parties are managed in a central data room for integration and quality control.

- 4.5.1 Develop Execution Plan.
- 4.5.2 Develop Project Schedule
- 4.5.3 Examine Vendor Finance Options
- 4.5.4 Identify Project Team
- 4.5.5 Develop Manning Schedules
- 4.5.6 Contingency Options

**5 Health, Safety & Environment**

These items are associated with the project's statutory safety and environmental compliance. Imperium3 and NDY with some input from WBHO will oversee the delivery of these items. It is expected that some of these items will require inputs from external consultants.

- 5.1.1 Identification of air, water, soil, noise and visual impacts
- 5.1.2 Other statutory requirements including impact assessment
- 5.1.3 Permitting
- 5.1.4 HAZOP
- 5.1.5 Recycling
- 5.1.6 Waste Disposal


**6 Market Study and Financial Analysis**

**6.1 Market Study Report**

These items are associated with assessment of the project's financial viability and business case. Imperium3 with significant input from third parties such as OEMs with which it is engaged will oversee the delivery of the Market Study Report.

- 6.1.1 Strengths, Weaknesses, Opportunities and Threats Analysis.
- 6.1.2 Target Markets.



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- 6.1.3 Product Pricing.
- 6.1.4 Competition Analysis.
- 6.1.5 Customer Engagement.
- 6.1.6 Product Range
- 6.1.7 Projected Revenue (using spreadsheets in a format that can directly input into financial model).

**6.2 Cost Estimation**

These items are associated with assessment of the project's financial viability and business case. Imperium3, with significant input from WT Partnership, will oversee the delivery of the Cost Estimate Reports and Financial Modelling.

**6.2.1 Capital Cost**

- Costs for major equipment items will be based on firm Vendor quotes for supply CIF to Townsville. Vendor quotes where possible will separately include installation man-hours and unit rates
- Costs for Earthwork, Civil, Structural and Building activities to be based on material take offs and price schedules for bulk items from construction partners
- Installations costs to be based on firm project labour agreement with construction partner
- Local Freight Costs to be based on schedule of rates from a selected contractor.
- EPCM costs to be developed from detailed estimate of man-hours, labour and burdens, overhead, expenses and fees
- Detail heavy lift schedules based on construction execution plan
- Detail material take offs for estimation of first fills and initial spares
- Commissioning / Start Up costs to be developed from detailed estimate of man-hours, labour and burdens, overhead, expenses and fees
- Owner's Costs estimate to be based on execution plan
- Contingency calculation using deterministic analysis and supported by probabilistic model

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### 6.2.2 Operating Costs

- Calculate Labour Cost from Manning Schedule and published industry labour rates. Include allowances for training, uniforms, safety equipment, superannuation contributions, workers insurances, leave, medical and payroll administration.
- Develop Power Costs with local utility or relevant government agency such as Clean Energy Finance Corporation
- Costs for fuel, battery material inputs, operating consumables and reagents to be based on contractual agreements
- Costs for Services and Logistics by external providers to be based on written quotes with selected providers
- Given the requirements of customers for the purchase of batteries, allowance needs to be made for development costs associated with product marketing
- General and Administrative Costs Estimates will include accounting, licensing, IT, government and community relations, legals, tax costs, marketing, insurance, travel and other typical costs associated with the business.
- Product realisation charges for marketing, product transport and insurance are to be based on target products and customer scenarios in the absence of actual contracts
- Operating costs are to be estimated by month for the first year and then by quarters for years 2 and 3 and annually thereafter
- Any contingency inclusion will be justified and shown separately
- The operating Cost estimate will be developed using spreadsheets in a format that directly inputs in to the financial model

### 6.3 Financial Modelling

These items are associated with assessment of the project's financial viability and business case. Imperium3 will oversee the delivery of the Financial Model with the information collected from the deliverables in items 1-5.

- 6.3.1 Develop stand-alone project Financial Model to examine the project viability
- 6.3.2 Develop Project funding scenarios
- 6.3.3 Adjust Financial Model for project funding scenarios to develop the Investment Case to optimise the final decision

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6.3.4 Develop Business Case with recommendations for Investment

## 7 Risk Assessment

These items assess risk at the various stages of the project. Imperium3 will oversee the delivery of the various risk assessments with significant input from partners relevant to each stage of work.

### 7.1 HAZID

An initial risk assessment will be carried out at the engineering concept design to identify potential hazards. This will be conducted as part of the commencement of the Definition Study with the team.

### 7.2 HAZOP

Initially performed after the process definition with our multi-disciplinary team including design, construction, management and operational experts to refine initial processes and engineering design. This will be performed as part of control system design (CHAZOP).


### 7.3 SWOT

Analysis of strengths, weaknesses, opportunities and threats to the business as part of developing the investment case to optimise the final decision.

### 7.4 Environmental Impact

Identify and assess the project's environmental impact to meet statutory requirements and social responsibility to the local community.



	<b>Definition Study Phase &amp; Investment Decision Scope of Works</b>	
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## 8 Definition Study Delivery

The Definition Study scope of services will be delivered according to the following phases of work:

- Part 1 - Concept Definition and Process Package
- Part 2 - Mechanical and Layout Definition
- Part 3 - Project Readiness.

### 8.1 Concept Definition and Process Package

Services in the concept definition and process package part include:


- Project location study
- Flowsheet development
- Technology selection
- Vendor definition
- Product range and production rate definition
- Process package completion.

The process package part will commence with:

- A data assembly and review period.
- A project workshop to identify any gaps in process definition and mitigate/manage issues.
- Finalisation of the agreed scope of work and scope of services with an associated target timeline.

The project concept definition part will run in parallel with the process package preparation and will include:

- Consideration of manufacturing facility location
- Technology supplier identification
- Expert persons inputs
- Preliminary market analysis

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- Preliminary implementation planning
- Consolidation of inputs from stakeholders.


The process package part will focus on:

- Finalising test work for process design
- Process package preparation
  - Finalise manufacturing process selection
  - Prepare pfd
  - Prepare pdc
  - Prepare material balances
  - Finalise major equipment/technology package data sheet inputs
  - Prepare process description
  - Prepare preliminary manufacturing process control philosophy (tabular format)
  - Nominate and manage process risk.

### 8.1 Part 2 - Mechanical and Layout Definition

The mechanical and layout definition part will commence, overlapping with the process package phase. Key activities area as follows:

- Update mechanical equipment list and package equipment
- Commence discipline design criteria
- Commence data sheets
- Commence technical specifications
- Optimise manufacturing facility layout
- Generate preliminary earthworks quantities
- Generate preliminary steel and concrete quantities
- Rates enquiries
- Assemble control estimates
- Prepare an outline of a project execution plan.

	<b>Definition Study Phase &amp; Investment Decision Scope of Works</b>	
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## 8.2 Part 3 - Project Readiness

The project readiness part will include:

- Detailed execution planning
- Definition of package contents for tender
- Market study and financial analysis
- Pre-qualify contractors
- Project readiness activities.

## 8.3 Definition Study Deliverables

### 8.3.1 Manufacturing Facility


### 8.3.2 Plant Package

- Process Design Criteria based on agreed testwork outcomes, experience and assumptions
- Process design basis and flow sheet from the testwork
- Process flow diagrams (PFDs)
- Preliminary P&IDs (PCDs) for the manufacturing process plant
- Manufacturing control philosophy
- Mass and water balance for the process plant
- Concise description of the process plant.

### 8.3.3 Engineering

- Design criteria for site conditions
- Typical design criteria for mechanical, civil, structural, electrical and instrumentation
- Mechanical, electrical and mobile equipment list
- Electrical load list
- Major equipment data sheets



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- Main single line diagrams
- Preliminary 3D model with plant general arrangement drawings 'cut' from the 3D model.

8.3.4 Infrastructure


- Overall site water balance
- General site surface water management
- Site wide roads and traffic plan
- Bulk earthworks
- Building specification, usage metrics and outlines
- Power reticulation plan
- Water reticulation plan
- Sewerage reticulation plan

8.3.5 Environmental

- Project Environmental Impact Assessment
- Statutory and permitting requirements
- Monitoring and compliance

8.3.6 Study Management

- Implementation plan, including methodology, milestone cash flow forecast and schedule
- Weekly meeting minutes and short form monthly reports, monthly update presentation
- Project execution plan and execution schedule
- Capital cost estimates to ±10% accuracy,
- HAZID
- Risk assessment

	<b>Definition Study Phase &amp; Investment Decision Scope of Works</b>	
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- Compilation of monthly reports as required by Imperium3.

#### 8.4 Definition Study Schedule

The preliminary project milestones are outlined in Table 1.

Table 1 – Indicative Project Milestones	
Milestone	Date
Project commencement	Sch. 1(4)(f)(c) - Disclosing trade
Project Kick Off Meeting	
Site Visit	
Part 1 Concept Definition Complete	
Part 2 Mechanical and Layout definition Complete	
Part 3 Project Readiness Complete	
Part 4 and 5 Infrastructure and Environmental	
Estimate Review	
Draft Definition Study Report	
Definition Study Complete	

The estimated dates are provided in good faith based on current available information. Delays may occur due to unforeseen conditions beyond the control of the Company and Board. These include, but are not limited to, government delay, delays obtaining necessary third party documentation, current market conditions and the like.

**Anne Nihill**

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**From:** Paul Holden  
**Sent:** Thursday, 31 May 2018 11:01 AM  
**To:** Anne Neil  
**Subject:** Any movement on IM3? - [Sch. 4(4)(6) - Disclosing pe] has called me.



**Queensland**  
Government

**PAUL HOLDEN**  
**Regional Director**  
**North Queensland**  
Department of State Development,  
Manufacturing, Infrastructure and Planning.

P [redacted] M [Sch. 4(4)(6) - Disclos]  
Level 4, Verde Building, 445 Flinders Street, Townsville QLD 4810  
Email: [paul.holden@dsd.qld.gov.au](mailto:paul.holden@dsd.qld.gov.au)

RTI RELEASE - DSDMIP



## Anne Nihill

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**From:** Paul Holden  
**Sent:** Friday, 1 June 2018 9:32 AM  
**To:** Anne Neil; Gerard Coggan  
**Subject:** IM3

Sch. 4(4)(6) - Disclosing pers called me this morning. I've told him that:

- We have been through the documentation and will be seeking some further information on cost breakdowns for the three parts of the definition study outlined in section 8 of the documentation and that GC will be emailing him this morning – request will not be onerous.
- We would like an understanding of costs being applied to those three parts of the study and how/who is funding them.
- The State's interest is mainly in part 3 of the definition study, particularly market assessments, infrastructure assessments and environmental considerations and the bulk of our funding will be targeted there. However, acknowledging that this section is the back end of the study, we will seek to make some contribution to the first two parts of the study to assist cash flow.

Sch. 4(4)(6) - has asked that any further requests be put through to Sch. 4(4)(6) and a gentleman named Sch. 4(4)(6) - Disclosing who put the previous documentation together.

Sch. 4(4)(6) - email is Sch. 4(4)(6) - Disclosi@bostonglobal.com.au Sch. 4(4)(6) is currently flying to Boston for the meeting with the Premier.

Sch. 4(4)(6) - D advised he is meeting with the Minister's adviser this morning to discuss.



**PAUL HOLDEN**  
**Regional Director**  
**North Queensland**  
Department of State Development,  
Manufacturing, Infrastructure and Planning

**Queensland**  
Government  
P [redacted] M [redacted] Sch. 4(4)(6) - Disclosi  
Level 4, Verde Building, 445 Flinders Street, Townsville QLD 4810  
Email: [paul.holden@dsd.qld.gov.au](mailto:paul.holden@dsd.qld.gov.au)

**Anne Nihill**

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**From:** Regional Services  
**Sent:** Tuesday, 29 May 2018 10:20 AM  
**To:** DSD North; DSD South; EMCU ERD  
**Cc:** Regional Services  
**Subject:** 180531 - DDG Weekly Update  
**Attachments:** D18 126539 180531 - DDG Weekly Update.DOCX

Good afternoon,

Please update the latest ODDG Weekly Update report by **4PM Wednesday 30 May 2018**. The Source reference number is **D18/126539**. May you please confirm via email to the Regional Services inbox once this is completed.

**NOTE:**

- changes are to be highlighted in yellow
- emerging issues to shown in italics

Apologies for the tight turn around.

Thanks,  
Bettina



**Bettina Duff**  
 A/ Senior Business Support Officer  
 Office of the Deputy Director-General  
**Regional Economic Development**  
 Department of State Development,  
 Manufacturing, Infrastructure and Planning

P [Redacted]  
 E [Bettina.Duff@dsdmip.qld.gov.au](mailto:Bettina.Duff@dsdmip.qld.gov.au)  
 Level 18, 1 William Street, Brisbane QLD 4000  
 PO Box 15009, City East QLD 4002

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2.

## Regional Economic Development (RED) – Weekly DDG Update

As at 31 May 2018

### Upcoming Ministerial Visits:

- 20-24 May 2018 – Mackay Whitsundays Governing from the Regions

Project/Initiative	Update/Next Steps
<b>South Region</b>	
<small>s. 73(2) - Not relevant/ Out of scope</small> 	



M.

Project/Initiative	Update/Next Steps
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s. 73(2) - Not relevant/ Out of scope

<p>RTI RELEASE - DSDMIP</p>	
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4.

Project/Initiative	Update/Next Steps
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s. 73(2) - Not relevant/ Out of scope



RTI RELEASE - DSDMIP

5.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	



6.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

7.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p>	
<p>Imperium 3 Townsville Battery Manufacturer (relates to Jobs and Regional Growth Fund)</p>	<ul style="list-style-type: none"><li>• DSDMIP met with the proponent on 10 May 2018 to discuss a further information request, to seek clarity on the project roll-out and a project update.</li><li>• Meeting of 10 May 2018, included Townsville City Council, and further clarification was sought on terms of their MOU with Imperium 3 and the land swap arrangements.</li><li>• Imperium 3 has committed to respond to the information request and is aware that progression of the election commitment via the AQIAF/JRGF Panel to Assistance Agreement is stalled until a satisfactory response is provided.</li><li>• AQIAF/JRGF Panel is prepared to consider a flying minute.</li><li>• Discussions with Imperium 3 have nominated for the Assistance Agreement to be finalised by 30 June 2018.</li><li>• DG has been updated via the election commitments process.</li><li>• Townsville City Council has organised a meet 'n' greet between the Queensland Premier and Imperium3, whilst Mayor Hill and the Premier are visiting Boston, United States of America. Briefings for this meeting have been provided to the Department of Premier and Cabinet by DSDMIP for the Premier's purpose.</li></ul>
<p>s. 73(2) - Not relevant/ Out of scope</p>	

8.

Project/Initiative	Update/Next Steps
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s. 73(2) - Not relevant/ Out of scope



RTI RELEASE - DSDMIP



9.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

10.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

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Project/Initiative	Update/Next Steps
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s. 73(2) - Not relevant/ Out of scope



RTI RELEASE - DSDMIP



12.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

13.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

14.

Project/Initiative	Update/Next Steps
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s. 73(2) - Not relevant/ Out of scope



RTI RELEASE - DSDMIP

15.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	



16.

Project/Initiative	Update/Next Steps
<p>a. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

17.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

18.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

**Anne Nihill**

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**From:** Bettina Duff  
**Sent:** Tuesday, 5 June 2018 11:07 AM  
**To:** EMCU ERD; DSD North; DSD South  
**Cc:** Regional Services  
**Subject:** 180607 - DDG Weekly Update  
**Attachments:** 180607 - DDG Weekly Update.DOCX

Good morning,

Please update the latest ODDG Weekly Update report by **10AM Thursday 7 May 2018**. The Source reference number is **D18/134629**. May you please confirm via email to the Regional Services inbox once this is completed.

**NOTE:**

- changes are to be highlighted in yellow
- emerging issues to shown in italics

Thanks,  
Bettina



**Bettina Duff**  
A/ Senior Business Support Officer  
Office of the Deputy Director-General  
**Regional Economic Development**  
Department of State Development,  
Manufacturing, Infrastructure and Planning

P [Redacted]  
E [Bettina.Duff@dsdmip.qld.gov.au](mailto:Bettina.Duff@dsdmip.qld.gov.au)  
Level 18, 1 William Street, Brisbane QLD 4000  
PO Box 15009, City East QLD 4002

RTI RELEASE - DSDMIP




2.

Regional Economic Development (RED) – Weekly DDG Update

As at 7 June 2018

Upcoming Ministerial Visits:

Project/Initiative	Update/Next Steps
<b>South Region</b>	
<small>s. 73(2) - Not relevant/ Out of scope</small> 	

RTI RELEASE - DSDMIP

m.

Project/Initiative	Update/Next Steps
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s. 73(2) - Not relevant/ Out of scope



RTI RELEASE - DSDMIP

4.

Project/Initiative	Update/Next Steps
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<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	
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5.

Project/Initiative	Update/Next Steps
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s. 73(2) - Not relevant/ Out of scope



RTI RELEASE - DSDMIP



6.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

7.

Project/Initiative	Update/Next Steps
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<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	
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4:

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p>	
<p>Imperium 3 Townsville Battery Manufacturer (relates to Jobs and Regional Growth Fund)</p>	<ul style="list-style-type: none"><li>• DSDMIP met with the proponent on 10 May 2018 to discuss a further information request, to seek clarity on the project roll-out and a project update.</li><li>• Meeting of 10 May 2018, included Townsville City Council, and further clarification was sought on terms of their MOU with Imperium 3 and the land swap arrangements.</li><li>• Imperium 3 has committed to respond to the information request and is aware that progression of the election commitment via the AQIAF/JRGF Panel to Assistance Agreement is stalled until a satisfactory response is provided.</li><li>• AQIAF/JRGF Panel is prepared to consider a flying minute.</li><li>• Discussions with Imperium 3 have nominated for the Assistance Agreement to be finalised by 30 June 2018.</li><li>• DG has been updated via the election commitments process.</li><li>• Townsville City Council has organised a meet 'n' greet between the Queensland Premier and Imperium3, whilst Mayor Hill and the Premier are visiting Boston, United States of America. Briefings for this meeting have been provided to the Department of Premier and Cabinet by DSDMIP for the Premier's purpose.</li><li>• DSDMIP waiting on full response from Imperium 3 for information request sent 10 May 2018. Some information provided 29 May 2018.</li><li>• Premier is meeting with Townsville City Council and Imperium 3 in early June 2018 in Boston. This is a 'meet 'n' greet' only.</li></ul>
<p>s. 73(2) - Not relevant/ Out of scope</p>	

a.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	



10.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

//.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

12.

Project/Initiative	Update/Next Steps
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s. 73(2) - Not relevant/ Out of scope



RTI RELEASE - DSDMIP

13.

Project/Initiative	Update/Next Steps
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<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	
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14.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	



15.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

16.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

17.


Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	

18.

Project/Initiative	Update/Next Steps
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<p>s. 73(2) - Not relevant/ Out of scope</p> <p>RTI RELEASE - DSDMIP</p>	
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19.

Project/Initiative	Update/Next Steps
<p>s. 73(2) - Not relevant/ Out of scope</p> 	

RTI RELEASE - DSDMIP