



Project Steering Committee

SPT171819NIRC Design and Construct – Norfolk Island Airport Pavement Repair and Resurfacing

Progress Report for Quarter 2 ending 30 September 2019

Aileron Edge Pty Ltd ABN 91617180042

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Contents Amendment Record

This report has been issued and amended as follows:

Issue	Revision	Description	Date	Signed
01	DRAFT	Progress Report Q2 Sept 2019	07/10/19	KM

1. Chris' participation / when
2. Appendix A - other minutes
3. Where did the CF's come from

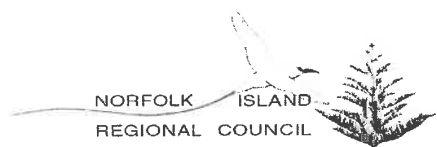
*Gwynne Finished
Barge next Tuesday*



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Appendix A – Minutes of Meetings





1 Introduction

1.1 Background

Norfolk Island Airport is managed by Norfolk Island Regional Council (NIRC). In 2017/18, it processed 41 medical evacuation flights, 72 general aviation flights, 233 RPT flights, 22 military flights, and 32,941 passengers of which 86 per cent, were visitors to Norfolk Island. The Airport has an asphalt surface approaching ten years of age and an asphalt overlay of all the aircraft pavements is required to maintain this vital economic link to Australia and New Zealand.

The Civil Aviation Safety Authority (CASA) undertook an assessment of the Airport in 2017 which found that portions of the current runway surface and aprons contain deformities such as cracking and if not rectified, could result in the runway being deemed as unsuitable for commercial aircraft servicing Norfolk Island.

The key project outcomes are;

- to ensure that Norfolk Island Airport runways and apron are resurfaced to address where possible the relevant observations identified in the 2017 CASA assessment, and
- to provide safe access to Norfolk Island by commercial aircraft.

The tender for the Airport Pavement Repair and Resurfacing (D&C) Tender was released in September 2018 to an open market and a site inspection was planned for 7 October 2018, with all submissions to be received before close of business on 11 December 2018 (subsequently extended until 18 December).

The Tender for the Project Management of the D&C Project was released in October 2018 and closed 11 December 2018.

The works are to be delivered as a Design and Construct contract, generally comprising a maintenance asphalt overlay with minor shape correction, patch repairs to Runways 11/29 and 04/22 including surface grooving, Taxiway and Apron including associated flanking works. The asphalt mixture design will be delivered under a performance based AAPA asphalt specification. The airfield ground lighting will be undertaken on Runway 11/29 and Runway 04/22 edge lights, wind indicators, and Precision Approach Pathway Indicator.

1.2 Project Funding

On 3 April 2019 confirmation was received from the Commonwealth that the Norfolk Island Regional Council (NIRC) had been successful in its application for \$43 million to assist in funding the D&C project.

The Grant Agreement (RNIA000001) between the Commonwealth, represented the Department of Industry, Innovation, and Science and Norfolk Island Regional Council, was executed 4 April 2019.





NIRC were advised 27 June 2019 that the Australian Industry Participation (AIP) plan for the Project had been approved. The AIP plan outlines the actions NIRC and Boral are undertaking to familiarise themselves with the capabilities of Australian industry and provide Australian industry with full, fair and reasonable opportunity to supply goods and services to the project. The plan demonstrates how Boral will not rely on existing supply chains and will communicate the supply opportunities in a transparent manner so that capable Australian industry can bid. An executive summary of the approved AIP plan has been published on the AIP Authority's website. The Contractor will collect evidence during the life of the project so that NIRC can report in detail on how and when the actions in the plan were undertaken. The implementation report is a contractual obligation and is due 14 months from execution of the contract / agreement (4 April 2019)

2 Contractual Relationships

2.1 *Contract Administration of the Works*

Aileron Edge Pty Ltd has been appointed as contract administrator the works comprising the airport project. Kieren Moss will act as the Principal's Representative. The NIRC is the Principal with Mr Alan Buckley being appointed as the NIRC Principal's Representative.

2.2 *Main Contract*

The contract for the design and construction of the civil engineering and airfield lighting works for the airport, known as the Main Contract, was awarded to Boral Resources (QLD) Pty Ltd, at the Ordinary Norfolk Island Regional Council Meeting held 20 February 2019. A letter of Acceptance was issued on 9th April 2019. The contract negotiations are progressing well with the Main Contract expected to be signed in the coming days.

3 Programme

3.1 *Main Contract*

A copy of the contractor's programme for the works will be circulated once approved. As noted in 2.2 above the original contracted completion date was 10 August 2020. No extension of time to the contract period has been sought or granted so Practical Completion remains as is.

Critical activities on the contract programme are the execution of the Contract, approval of the Bio-security Plan, construction of Ball Bay Groyne, the arrival of construction materials, plant and equipment and progress of engineering design.





4 Progress

4.1 Main Contract

The Groyne in Ball Bay has been completed. The first barge is proposed to arrive mid-October, subject to weather. This initial barge will be bringing equipment to be used during the project. Work on Contractor Management Plans are progressing well with 90% airfield lighting design and management plans steadily being submitted for client review. A purchase order has been raised for the procurement of long lead time Airfield Ground Lighting items.



Photograph 1: Ball Bay Groyne Construction Complete

4.2 Airfield Lighting 90% Design

The Contractor has submitted the 90% design for airfield lighting for review and comment by the client. The independent review is underway with a response being discussed with the Contractor.

4.3 Management Plans

Council and Aileron Edge have been working with Boral in coordinating the development and finalisation of various Management plans that will be applied during the project,

4.4 Quality Management

The Contractor has submitted the Quality Management Plan and associated Inspection and Test Plans for review and comment by the client. The Contractor's submitted and approved plan will then be implemented and monitored by the Principal's Representative. The Principal's representative will instigate regular quality audit of the site works.





4.5 ***Environmental Management***

An Environmental Management Plan (EMP) is being prepared by the Contractor. Thereafter, will be issued to the client for review and comment. The Contractor will also schedule audits and extend an invitation to the client to join the contractor on scheduled Audits.

The Contractor's submitted and approved plan will then be implemented and monitored pending comments from the clients' Environmental officer. The Principal's Representative's representative will instigate regular environmental and safety audit of the site.

4.6 ***Health & Safety***

The Contractor has been working on submitting Health and Safety Plan to the acceptance of the Principal's Representative. The plan will thereafter be implemented and monitored. No personal injuries were recorded in this reporting period.

4.7 ***Traffic Management***

The Contractor has submitted the Traffic Management Plan for review and comment by the client and Road Safety Committee. Discussions are ongoing with respect to finalising the various aspects to the plan.

4.8 ***Bio-security Plan***

The Contractor has been working on a Biosecurity Plan to the acceptance of Biosecurity and the Principal's Representative. The contractor updated and resubmitted the plan to DAWR. Unusual results received for quarry perimeter sampling. DAWR to provide next course of action. No timeline provided by DAWR. Storage warehouse has been inspected with a lease agreement in place. Direct to port deliveries will be required as storage at the warehouse is not large enough. Machinery inspection and storage will be managed by Boral.

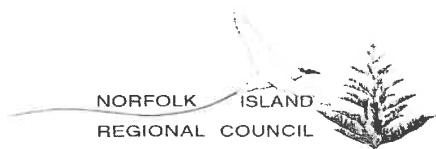
The plan will thereafter be implemented and monitored.

4.9 ***Emergency Response Plan***

The Contractor has met with Norfolk Island Emergency Responders and is working on submitting an Emergency Response Plan to the acceptance of Emergency Services and the Principal's Representative. The plan will thereafter be implemented and monitored.

4.10 ***Approvals***

Council has been working on obtaining the necessary approvals for the project. The conditions of approvals will thereafter be provided to the Contractor for implementation.





4.11 **Community Engagement**

The Contractor remains concerned by potential hostilities on Norfolk Island. Delays to construction of Ball Bay groyne occurred on 2-4 September due to protestors blocking the road access to the Bay. In terms of community engagement, the Contractor proposed to meet the community in small groups to provide them with information, continue to prepare Question & Answer 1-page factual summary sheets being posted on a Council Website. A social media strategy is being implemented.

4.12 **Public Relations**

With respect to Complaints, the Contractor shall:

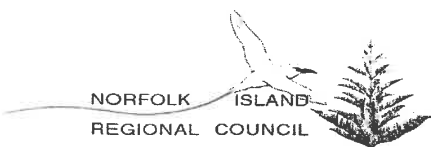
- Maintain a record of any complaints received from the Principal, landowners or the public, shall be maintained by the Contractor. This will also include documentary evidence that complaints have been addressed and attended to, to the satisfaction of the Principal's Representative.
- All complaints must be discussed with the Principal's Representative without delay.
- A summary sheet of the complaint register shall be provided to the Principal's Representative upon request and at each site meeting.
- The Principal's Representative shall be notified of the circumstances in writing by the Contractor if any complaint is unresolved after 7 working days.

With respect to Notification to Residents and Businesses, the Contractor shall:

- The Contractor shall ensure that all residents and businesses affected by the works, including those that may be unduly affected by noise, are notified at least forty-eight (48) hours prior to the commencement of work.
- The notice shall be submitted to the Principal's Representative three business days prior to the notice being issued. The form and content of the notification shall be approved by the Principal's Representative.
- In the event that the Contractor finds dispute with the property owner and/or the owners' wishes, the matter shall be immediately referred to the Principal's Representative.
- If the work does not commence as per the notice, then a further notice shall be issued following the procedure as set out in the three paragraphs above.
- The importance of good relationships with the Community is stressed. Any agreements with property owners shall be in writing.

4.13 **Site visitors**

Any subcontractors, contractors and visitors to site are undertaking the NIA/Boral induction prior to the site-specific induction. There have been no visitors to site that aren't directly involved with the project attended the site during this period.





4.14

Weather conditions

Rainfall records are now being received from the Bureau of Meteorology weather station at the Norfolk Island Airport. No works were delayed due to inclement weather to date.

5 Cash flows

5.1

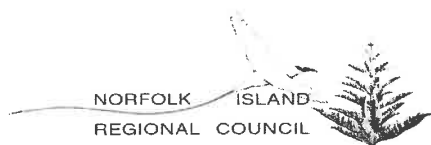
Contract Administration of the Works

Contract sum excl GST	\$ 201, 900
Claims issued to date 30 September 2019 excl GST	\$ 46, 800
Anticipated outcome cost excl GST	\$ 201, 900
Completion expected	10 August 2020
Variations issued to Date	\$ 1, 672.65

5.2

Main Contract

Contract sum	\$44,898,007 (excl. GST)
Payments certified to date 30 September 2019	nil
Anticipated outcome cost	\$44,898,007 (excl. GST)
Completion expected	10 August 2020
Variations issued to Date	nil
Cashflow	
Q1	\$295,824
Q2	\$712,409
Q3	\$11,383,046
Q4	\$16,386,923
Q5	\$12,753,932
Q6	\$3,365,874

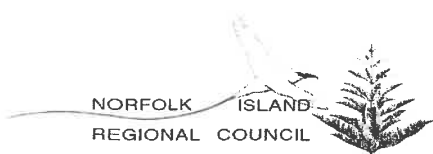

APES




Appendix A – Minutes of meetings

Minutes of contract and design meetings;

- a. Steering Group Meeting held 18 July 2019
- b. Road Safety Committee Meeting held 8 August 2019
- c. Progress meeting held 29 August 2019
- d. Progress meeting held 12 September 2019
- e. Progress Meeting held 26 September 2019



Appendix B – Boral Progress Report

Report as at 26th September 2019



Project Details

Division/Business	BCM Asphalt Qld
Project Name (Number)	Norfolk Island Airport Repair And Rehabilitation (SPT171819NIRC)
Client	Norfolk Island Regional Council
Project Manager	Chris Jeffery
Brief Overview	This project consists of approx. 30,000t+7,000t of high quality asphalt supplied from a mobile plant onsite; the installation of new lighting; concrete apron works; line marking and grooving for the upgrade of Norfolk Island Airport.

Report as at 26th September 2019

Project Dashboard - 26th of September 2019

Project Aspects	Summary comments
OHS	<ul style="list-style-type: none"> • Safety management plan with Boral for OFSC assessment. • SWMS being developed. • MOWP being developed. • Project Safety Risk Register drafting - workshop on NI (8/10/19) • Traffic Management plan re-submitted. With NIRC. • Permit received for Groyne construction (1st Aug) • Permit received for Ball Bay Reserve works - #39. (19th Sept) • Permit for Marshs Rd road closure with NIRC (during unload)
Scope	<ul style="list-style-type: none"> • Additional road works - \$5.065M approved • Tender submitted for waste delivery submitted circa (\$500k) - outstanding - with Procurement • Proposal submitted by Boral for supply and delivery of blast rock - with NIRC • Boral to provide work up for 5% flanking • Dilapidation survey distributed. • All project equipment received. • Provisional items still outstanding - RBB, Hatelite C for cross runway. • Contract remains unsigned with 'final' version proposed by EOW and signing for the start of the week. • Topsoil options with supply on Island (Norfolk Industries) with NIRC (Principle supplied material). • Groyne capping material to be resolved. • Use of 32mm aggregate in concrete to be resolved.
Time	<ul style="list-style-type: none"> • First barge proposed for the 16th of October • First Bulk ship 3rd of Nov, 2nd bulk ship 17th of Nov • Delay in accessing Ball Bay due to agitators (2/9 - 4/9) - blocked road • Groyne construction finished early Oct
Cost / Claims	<ul style="list-style-type: none"> • Biosecurity estimate provided by Boral. With NIRC (agreed) • PO #8700 claimed
Quality	<ul style="list-style-type: none"> • Quality plan - with Boral • ITP's to be developed (work process) - with Boral • Mix design for concrete - pending • Mix design information for asphalt - TBC
Environment	<ul style="list-style-type: none"> • Biosecurity Aust. onsite - 22nd of Aug in Aust. (DAWR) • Biosecurity inspected proposed warehouse for storage 13th of Sept • Testing results for Phytophthora C. has some 'unusual' results requiring some further investigation • Equipment preparation for shipping commenced • Updated Bio S plan submitted to DAWR • Environmental plan submitted - with NIRC
Design	<ul style="list-style-type: none"> • Apron concrete pavement layout design agreed. • MOS139 NCR's with designers • Pavement configurations with designers • Pavement drawings distributed • AGL design progressing to agreement- 90% submitted and reviewed by NIRC - with Avionics for amendments.
Community	<ul style="list-style-type: none"> • Obstruction noted above • Nil further obstructions noted • Support from local police to block road as necessary to ensure the safety of people and equipment (Glenn) • Q&A distributed by NIRC • Local business value \$112k

Project	Norfolk Island	SPT171815NIRC		3 week construction lookahead program																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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