



PITTWATER COUNCIL

Agenda

Council Meeting

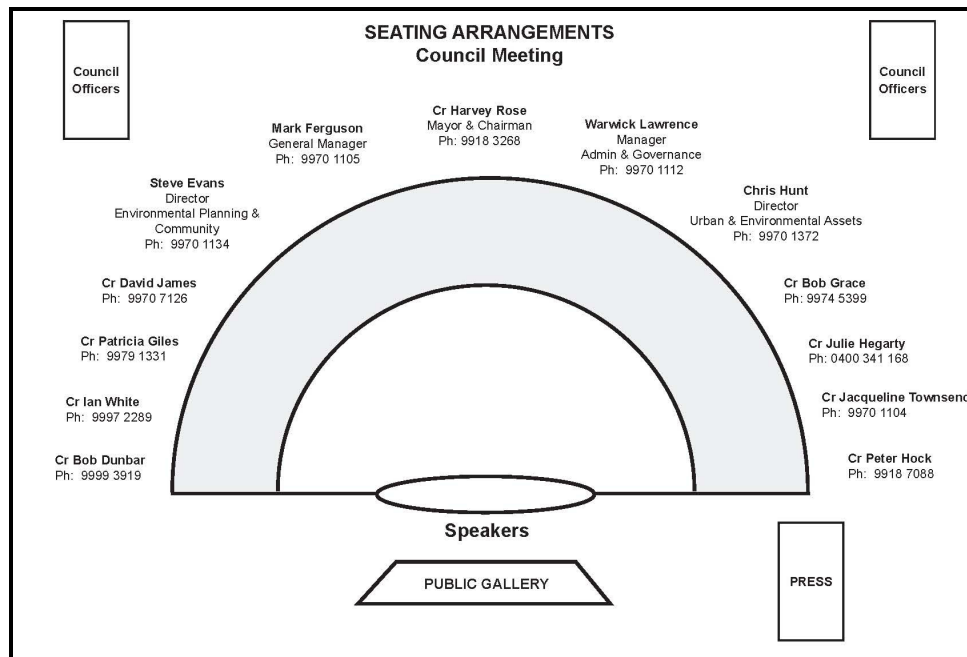
Notice is hereby given that a Council Meeting of Pittwater Council will be held at Mona Vale Memorial Hall on

6 February 2012

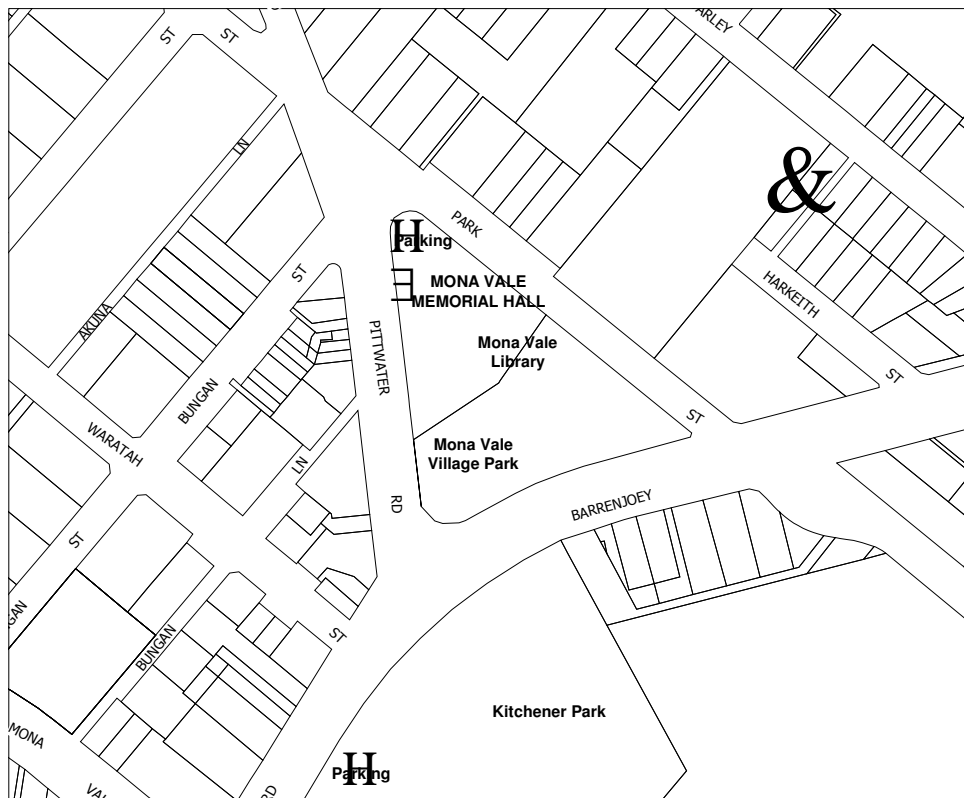
Commencing at 6.30pm for the purpose of considering the items included on the Agenda.

Mark Ferguson
GENERAL MANAGER

Seating Arrangements



Meeting Location



All Pittwater Council's Agenda and Minutes are available on the Pittwater website at www.pittwater.nsw.gov.au

IMPORTANT NOTE FOR COUNCILLORS

The Council has received Confidential Commercial Advice in relation to the matters listed below which is attached as **Appendix 1 to Councillor's Agenda on yellow paper**. It is important that Councillors read these documents prior to determining the matters. Should the Council wish to consider the Confidential Advice during the course of the meeting, the following procedure should be followed:

1. Any persons wishing to address the Council are invited to address the Council in Open Session, so that the general (non-confidential) issues relating to the matter are debated in Open Session.
2. Should the Council wish to consider the Confidential Advice at any time during the debate, the Council should resolve into Committee of the Whole in Closed Session in accordance with Section 10A(2)(g) of the Local Government Act 1993, and debate the Confidential Advice and any related confidential issues in a Closed Forum, with the Press and Public excluded. The Council does not have to make any resolution whilst in Committee of the Whole in Closed Session.
3. Following conclusion of the discussion concerning the Confidential Advice the Council should resolve back into Open Session to continue the debate as required, excluding any reference to the advice. Once again it is noted that the debate in Open Session should centre around the general (non-confidential) issues associated with the matter.
4. The Council should then determine the matter in Open Session.

The Reports on the items below are listed in Open Session in the Agenda:

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C7.2	RFT 2011/114 – SHOROC – Supply and Delivery of Road Construction Services and Materials	13

Mark Ferguson
GENERAL MANAGER

Council Meeting

Acknowledgement of Country

Pittwater Council honours and respects the spirits of the Guringai people.
Council acknowledges their traditional custodianship of the Pittwater area

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CONFIDENTIAL CLAUSE

*This report is **CONFIDENTIAL** in accordance with Section 10A(2)(d) of the Local Government Act 1993, which permits the Council to close the meeting to the public for business relating to the following: -*

(d) Commercial information of a confidential nature that would, if disclosed:-

- prejudice the commercial position of the person who supplied it; or*
- confer a commercial advantage on a competitor of the Council; or*
- reveal a trade secret.*

Tender T03/11 – Supply and Installation of Pay and Display Parking Ticket Machines and Central Management System

RFT 2011/114 – SHOROC – Supply and Delivery of Road Construction Services and Materials

**The Senior Management Team
has approved the inclusion of
all reports in this agenda.**

Council Meeting

1.0 Apologies

Apologies must be received and accepted from absent Members and leave of absence from the Council Meeting must be granted.

2.0 Declarations of Pecuniary and Conflict of Interest including any Political Donations and Gifts.

Councillors are advised of the following definitions of a "pecuniary" or "conflict" of interest for their assistance:

- * Section 442 of the Local Government Act, 1993 states that a "pecuniary" interest is as follows:

- "(1) **[Pecuniary interest]** A Pecuniary interest is an interest that a person has in a matter because of a reasonable likelihood or expectation of appreciable financial gain or loss to the person or another person with whom the person is associated.*
- (2) **[Remoteness]** A person does not have a pecuniary interest in a matter if the interest is so remote or insignificant that it could not reasonably be regarded as likely to influence any decision the person might make in relation to the matter."*

Councillors should reference the Local Government Act, 1993 for detailed provisions relating to pecuniary interests.

- * Council's Code of Conduct states that a "conflict of interest" exists when you could be influenced, or a reasonable person would perceive that you could be influenced by a personal interest when carrying out your public duty.

Councillors are also reminded of their responsibility to declare any Political donation or Gift in relation to the Local Government & Planning Legislation Amendment (Political Donations) Act 2008.

- * A reportable political donation is a donation of:
 - \$1,000 or more made to or for the benefit of the party, elected member, group or candidate; or
 - \$1,000 or more made by a major political donor to or for the benefit of a party, elected member, group or candidate, or made to the major political donor; or
 - Less than \$1,000 if the aggregated total of the donations made by the entity or person to the same party, elected member, group, candidate or person within the same financial year (ending 30 June) is \$1,000 or more.

3.0 Confirmation of Minutes

“Councillors are advised that when the confirmation of minutes is being considered, the only question that can arise is whether they faithfully record the proceedings at the meeting referred to. A member of a council who votes for the confirmation of the minutes does not thereby make himself a party to the resolutions recorded: **Re Lands Allotment Co (1894) 1 Ch 616, 63 LJ Ch 291.**”

Minutes of the Council Meeting held on 19 December 2011.

4.0 Public Addresses

Statement of Respect

Pittwater Council promotes and strives to achieve a climate of respect for all and endeavours to inspire in our community shared civic pride by valuing and protecting our unique environment, both natural and built, for current and future generations.

The following guidelines apply to any person addressing a Council / Committee meeting in relation to an item on the Council / Committee meeting agenda:

1. *A member of the public may be granted leave to address a meeting of Council or a Committee, where such a request is received by the General Manager no later than 3.00pm on the day of the meeting. This is subject to:*
 - (a) *A maximum of up to four speakers may address on any one item, with a maximum of two speakers in support of the recommendation in the report, and two speakers in opposition.*
 - (b) *A limitation of three minutes is allowed for any one speaker, with no extensions.*
 - (c) *An objector/s to a development application is to speak first with the applicant always being given the right to reply.*

Exceptions to these requirements may apply where:

- (a) *The Meeting specifically requests that a person be interviewed at a meeting.*
 - (b) *The Meeting resolves that a person be heard at the meeting without having given prior notice to the General Manager*
2. *Once a public/resident speaker has completed their submission and responded to any Councillor questions, they are to return to their seat in the public gallery prior to the formal debate commencing.*
3. *No defamatory or slanderous comments will be permitted. Should a resident make such a comment, their address will be immediately terminated by the Chair of the meeting.*

4. *Council's general meeting procedures apply to Public Addresses, in particular, no insults or inferences of improper behaviour in relation to any other person is permitted.*
 5. *Residents are not permitted to use Council's audio visual or computer equipment as part of their address. However, photographs, documents etc may be circulated to Councillors as part of their address.*
-

5.0 Mayoral Minutes

6.0 Business by Exception (All items on the Agenda)

Items that are dealt with by exception are items where the recommendations contained in the reports in the Agenda are adopted without discussion.

7.0 Council Meeting Business

C7.1	Tender T03/11 - Supply and Installation of Pay and Display Parking Ticket Machines and Central Management System
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Meeting: Council

Date: 6 February 2012

STRATEGY: Transport & Traffic

ACTION: Initiate an effective car parking enforcement program utilising technology

PURPOSE OF REPORT

To seek Council's concurrence on the evaluation panel's recommendation for the replacement of initially thirty-four (34) Pay and Display parking machines.

1.0 BACKGROUND

- 1.1 Pittwater Council currently has forty five (45) Pay and Display parking machine sites located in various areas throughout the LGA.
- 1.2 Council is seeking to replace (34) parking machines purchased in 2005 that have deteriorated in both appearance and functionality.
- 1.3 Communications and credit card processing technology has become outdated and costs to repair are prohibitive.
- 1.4 Council is seeking to initially replace thirty four (34) parking machines and potentially an additional ten (10) as required.
- 1.5 Contracts for the supply of Pay and Display parking machines to Council have expired

2.0 ISSUES

2.1 Tenders were advertised by open tender:

- via Tenderlink on Tuesday, 18 October, 2011
- in the Sydney Morning Herald on Wednesday, 19 October, 2011 and Tuesday, 25 October 2011; and
- in the Manly Daily on Wednesday, 19 October, 2011
- A total of 7 (seven) contractors purchased the tender documents.

There was no pre-tender meeting as tender documents are clear and explicit.

2.2 Tenders Received

Five (5) tenders were received via Tenderlink and duly registered by Council.

These were:

- Integrated Technology Services Pty Ltd
- CDS Worldwide Pty Ltd
- TMA Tech Pty Ltd
- Australian Parking and Revenue Control
- Duncan Solutions

2.3 Tender Compliance

Submissions received from all tenderers were non-conforming and generally considered lacking in detail. In addition, some exceptions to the Conditions of Contract were noted from Integrated Technology Services.

2.4 Tender Evaluation

The Tender panel comprised:

Gavin Forsyth, Project Accountant – Finance
Nadim Masri, Procurement & Contracts Officer - Urban Infrastructure
Peter Baartz, Senior Officer Procurement & Fleet - Urban Infrastructure (independent)
Sheridan Mills, Pay and Display Administration Officer – Environmental Compliance
David McInerney, Proprietor - DJM Services Group

During the course of tender document review, it was revealed that tenderer CDS Worldwide had nominated DJM Services as one of the two sub contractors to potentially be used in the initial delivery stages of the project. Due to the possibility for a perceived conflict of interest, David McInerney was excused from any further participation on the evaluation panel.

Remaining panelists were:

Gavin Forsyth, Project Accountant – Finance
Nadim Masri, Procurement & Contracts Officer - Urban Infrastructure
Peter Baartz, Senior Officer Procurement & Fleet - Urban Infrastructure (independent)
Sheridan Mills, Pay and Display Administration Officer – Environmental Compliance

2.5 Evaluation Criteria

The results of the tenders are summarised in **Attachments 1 and 2** in the confidential section of this Agenda.

Evaluation criteria comprised:

- Price
- Technology and infrastructure
- Organisational structure and key personnel
- Demonstrated past performance
- Proposed methodology and works program
- Quality assurance
- Sub-contractors
- Environmental sustainability and social equity

2.6 Capability and Track Record

- Australian Parking and Revenue Control (Aparc) based in Sydney is the Australian distributor for Parkeon and the Pay and Display Ticket Machine, Strade Rapide. This product is manufactured in France. The tenderer's submission did not provide sufficient information to determine capability and track record of the equipment and services offered.
- CDS Worldwide Pty Ltd (CDS) based in Melbourne is the manufacturer of various items of equipment for the parking industry. Currently has 11 operational parking machines at various sites in Pittwater. The tenderer's submission did not provide sufficient evidence to determine capability of the equipment and services offered. The tenderer's track record regarding equipment and services provided to date with Council has been satisfactory.
- Duncan Solutions previously known as Reino International based in Sydney is the Australian subsidiary of Duncan Solutions (USA) and is the manufacturer of various items of equipment for the parking industry. Currently has 29 operational parking machines at various sites in Pittwater. The tenderer's track record regarding equipment and services provided to date with Council has been variable.
- Integrated Technology Services Pty Ltd (ITS) based in Sydney is the sister company to Integrated Technology Services based in New Zealand and is the sales and technology arm for parking solutions for the parent company Linfox Armaguard. ITS parking machines are manufactured in New Zealand. The tenderer's submission did not provide sufficient evidence to determine capability and track record of the equipment and services offered.
- TMA Tech Pty Ltd based in Sydney is a subsidiary of the TMA Group of Companies. TMA Tech is the Australian Distributor for the "Aura" parking machine manufactured by the Metric Group based in the United Kingdom. The tenderer's submission did not provide sufficient evidence to determine capability and track record of the equipment and services offered.

2.7 Tender Evaluation

The detailed analysis of the tender is 'commercial in confidence' and as such is included as a confidential attachment – see Confidential Section of this Agenda. Based on the tender evaluation by the Tender Panel, rejection of all tenders is recommended.

3.0 SUSTAINABILITY ASSESSMENT

3.1 Supporting & Connecting our Community (Social)

- 3.1.1 The tender process includes an assessment of sustainable practices and products. Tenderers are required to complete an Environmental Sustainability & Social Equity questionnaire covering aspects of organisational and product information systems, policy and environmental sustainability. Tenderers provided information relating to the use of solar panels in their products, waste management, and recycling.
- 3.1.2 All tenderers completed this schedule and were scored accordingly.

3.2 Valuing & Caring for our Natural Environment (Environmental)

- 3.2.1 No sustainability impact.

3.3 Enhancing our Working & Learning (Economic)

3.3.1 No sustainability impact

3.4 Leading an Effective & Collaborative Council (Governance)

3.4.1 The calling of an assessment of tenders is in accordance with Council's procurement requirements. The tenders were assessed by a panel against eight (8) criteria with associated weighting.

3.5 Integrating our Built Environment (Infrastructure)

3.5.1 No sustainability impact.

4.0 EXECUTIVE SUMMARY

4.1 Tenders were called for the Supply and Installation of Pay and Display Parking Ticket Machines and Central Management System under T03/11 - Supply and Installation of Pay and Display Parking Ticket Machines and Central Management System. Five (5) tenders containing five (5) proposals were received and upon assessment, the evaluation panel is recommending the rejection of all tenders and that negotiation be entered into with the two top scored tenderers.

RECOMMENDATION

1. That tenders received from Australian Parking and Revenue Control, CDS Worldwide Pty Ltd, Duncan Solutions Pty Ltd, Integrated Services Ltd and TMA Tech Pty Ltd not be accepted and the General Manager be authorised to enter into negotiation with the two highest scored tenderers for the supply and installation of Pay and Display parking ticket machines and central management system
2. That a report on the negotiations be presented to Council.

Report prepared by
Peter Baartz – Senior Officer Procurement & Fleet

Jeff Lofts
MANAGER, ENVIRONMENTAL COMPLIANCE

C7.2	RFT 2011/114 - SHOROC - Supply and Delivery of Road Construction Services and Materials
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Meeting: Council

Date: 6 February 2012

STRATEGY: Traffic and Transport

ACTION: Maintain and service traffic and transport infrastructure

PURPOSE OF REPORT

To seek Council's approval to endorse the SHOROC Tender RFT 2011/114 - Supply of Road Construction Services and Materials. The Tender was called by SHOROC on behalf of all four participating SHOROC Councils, being Manly, Pittwater, Warringah and Mosman.

1.0 BACKGROUND

- 1.1 SHOROC Tender RFT 2011/114 Supply of Road Construction Services and Materials was called to provide a continuation of specialised service delivery of asphaltic concrete resurfacing, bitumen spray sealing, pavement stabilisation, pavement rejuvenation, crack sealing and pavement milling.
- 1.2 These required works are part of Council's Asset Renewal Program involving annual reconstruction and maintenance program funded from Council's own funding sources and external grants, such as Roads to Recovery Program, RTA Regional Road Block Grants and Financial Assistance Grants (FAG).

1.3 Participating Councils

Participating Councils in this Tender which have signed a Letter of Participation are:

- Pittwater Council
- Mosman Council
- Manly Council
- Warringah Council

2.0 ISSUES

2.1 Tenders Advertising and Closing

This Tender was advertised in the following media:

- Manly Daily, Sydney Morning Herald and on Tenderlink
- Tenders closed 2.00pm Tuesday 18th November 2011

2.2 Tenders Received

The Tender Box was opened in accordance with legal requirements and ten (10) Tenders in total were received from:

1. Ally Civil
2. Boral Asphalt
3. Downer EDI Works Pty Ltd
4. Fulton Hogan Industries Pty Ltd
5. National Road Sealing
6. Ozpave (Australia) Pty Ltd
7. Roadworx Surfacing Pty Ltd
8. SRS Road Pty Ltd
9. Stabilised Pavements of Australia Pty Ltd
10. Super Sealing Pty Ltd

2.3 Tender Evaluation Panel

The Tender evaluation was conducted on 23rd and 25th of November 2011 at Warringah Council by the following:

Role	Name	Organisation
Chair	Tham Sivarasa	Warringah Council
Member	Shan Nadesan	Manly Council
Member	Michael Limnos	Mosman Council
Member	Roy Einarsen	Pittwater Council
Independent	Paul Halim	Warringah Council (Non Vote)
Observer	Andrea Tattam	SHOROC
Member	Peter Shields	Complete Urban – (Non Vote) Expert Advisor

2.4 Evaluation Criteria

The results of the Tenders are summarised in the attachments.
Evaluation criteria comprised:

- Price
- Referees
- Quality Assurance
- OH&S
- Ecological Sustainable Development
- Customer Service

A copy of the confidential Tender Analysis summary can be made available to Councillors on request.

2.5 Tender Compliance

Insurances were checked and pricing was confirmed to ensure compliance with the Tender requirements.

The Evaluation Panel mutually agreed on an evaluation scoresheet cut-off set at 70%.

2.6 Tender Evaluation

The following potential Contractors were selected as meeting the requirements of the Tender documentation:

TABLE 1

Schedule	Contractor
Sub-Panel 1 – Stabilisation of Road Pavements	<ul style="list-style-type: none">• Downer EDI Works Pty. Ltd.• Stabilised Pavements of Australia Pty. Ltd.
Sub-Panel 2 – Bitumen Sprayed Seal Works on Road	<ul style="list-style-type: none">• Downer EDI Works• SRS Road Services Pty. Ltd.• Stabilised Pavements of Australia Pty. Ltd.
Sub-Panel 3 – Asphaltic Concrete	<ul style="list-style-type: none">• Boral Asphalt Pty. Ltd.• Downer EDI Works• Fulton Hogan Industries Pty. Ltd.• OZPAVE (Australia) Pty. Ltd.• SRS Road Services Pty. Ltd.
Sub-Panel 4 – Cold Milling of Asphalt and Base Course	<ul style="list-style-type: none">• Boral Asphalt Pty. Ltd.• Downer EDI Works• OZPAVE (Australia) Pty. Ltd.• Stabilised Pavements of Australia Pty. Ltd.
Sub-Panel 5 – Crack Sealing of Road	<ul style="list-style-type: none">• Downer EDI Works• National Road Sealing Pty. Ltd.• SRS Road Services Pty. Ltd.• Super Sealing Pty. Ltd.
Sub-Panel 6 – Pavement Rejuvenation	<ul style="list-style-type: none">• Downer EDI Works• SRS Road Services Pty. Ltd.

The abovementioned tenderers meet the minimum requirements for acceptance as one of the panel tenderers.

2.7 Financial Implications

Potential cost savings for Pittwater Council through the combining of the four local Councils under SHOROC.

- The acceptance by Council of the provision of Construction Services and Materials tender pricing schedules represent no direct financial commitment by Council.
- The strategy adopted by Council is for the Council's project coordinator to seek delivery from the lowest pricing and where not available, seek procurement from the next lowest pricing.

3.0 SUSTAINABILITY ASSESSMENT

Note: Assessment took into account the Ecological Sustainable Development. This formed part of the evaluation criteria.

3.1 Supporting & Connecting our Community (Social)

3.1.1 The Tender process includes an assessment of sustainable practices and products, including options for materials to be recycled and reused.

3.2 Valuing & Caring for our Natural Environment

3.2.1 Where appropriate, selected contractors will be encouraged to use recycle products. In addition, all works will be required to be performed with minimum if any impact to the environment.

3.3 Enhancing our Working & Learning (Economic)

No sustainability impact

3.4 Leading an Effective Collaborative Council (Governance)

3.4.1 The calling of an assessment of Tenders is in accordance with Council's procurement requirements. The Tenders were assessed by a panel against six (6) criteria with associated weighting.

3.5 Integrating our Built Environment (Infrastructure)

3.5.1 The establishment of a Specialist Contractor Panel will add to the effectiveness of the maintenance of Council's infrastructure.

4.0 EXECUTIVE SUMMARY

4.1 Tenders were called for the Supply and Delivery of Road Construction Services and Materials under SHOROC RFT 2011/114 over a three year period with two available years of extension. Ten (10) Tenders containing ten (10) proposals were received and upon evaluation the following eight (8) are recommended for acceptance.

- Boral Asphalt
- Downer EDI Works Pty Ltd
- Fulton Hogan Industries Pty Ltd
- National Road Sealing
- Ozpave (Australia) Pty Ltd
- SRS Road Pty Ltd
- Stabilised Pavements of Australia Pty Ltd
- Super Sealing Pty Ltd

4.2 The recommended Tenderers have met the mandatory requirements for inclusion on a panel as per the evaluation criteria.

RECOMMENDATION

1. That the Tenders from Table 1 (shown in 2.6) for the provision of Supply and Delivery of Road Construction Services (SHOROC RFT 2011/114) in accordance with the price schedule for each recommended supplier, be accepted for a period of three (3) years from 1 January 2012 to December 2014.
2. That the procurement be sourced from the lowest pricing and where not available, procurement is sourced from the next lowest pricing.

Report prepared by
Roy Einarsen, Principal Engineer - Works

Mark Shaw
MANAGER, URBAN INFRASTRUCTURE

C7.3	Audit & Risk Committee - Operations Report for the Period 1 January to 31 December 2011
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Meeting: Council

Date: 6 February 2011

STRATEGY: Business Management

ACTION: Maintain and service Council's range of Committees

PURPOSE OF REPORT

To present to Council the Annual Operations Report of the Audit & Risk Committee for the Period 1 January to 31 December 2011.

1.0 BACKGROUND

1.1 Council approved the establishment of an Internal Audit Committee at its meeting held on 16 November 2009. The Committee plays a pivotal role in the governance framework to provide Pittwater Council with independent assurance and assistance on risk management, control, governance and external accounting responsibilities. This Committee was subsequently renamed Audit & Risk Committee.

1.2 The Audit & Risk Committee Charter, Section 10 (Reporting) states:

i) The Committee shall report at least annually to Council.

This Operations Report covers the calendar year 2011, from 1 January 2011 to 31 December 2011.

2.0 ISSUES

2.1 Per the Audit & Risk Committee Charter, Section 10 (Reporting), the Committee shall report at least annually to Council.

3.0 SUSTAINABILITY ASSESSMENT

3.1 Leading an Effective & Collaborative Council (Governance)

The Audit & Risk Committee plays a pivotal role in the governance framework to provide Council with independent assurance and assistance in the areas of risk, control, compliance and financial reporting.

4.0 EXECUTIVE SUMMARY

4.1 The Audit & Risk Committee is responding to the requirements of their Charter to report annually to Council. As such, the attached report provides Council with a summary of the operations of the Audit & Risk Committee for the Period 1 January 2011 to 31 December 2011.

RECOMMENDATION

That the following report (**Attachment 1**) by the Chair of the Audit and Risk Committee be noted.

Report prepared by
Lilian Whiteman - Internal Auditor

Paul Reid
MANAGER, CORPORATE STRATEGY & COMMERCIAL

PITTWATER COUNCIL

**Report by Chair of
The Audit & Risk Committee
Pittwater Council**

**Operations of the Audit & Risk
Committee for the year January to December 2011**

1. Introduction

The purpose of this report is to provide Pittwater Council with a summary of the operations of the Audit & Risk Committee (the Committee) in accordance with the Committee Charter.

Consistent with its commitment to open and transparent governance that meets the highest community expectations, in November 2009, Council resolved to enhance the governance framework by forming an Audit Committee and an Internal Audit Function. It established Audit Committee and Internal Audit Charters based on principles reflected in guidelines issued by the Department of Premier & Cabinet Division of Local Government in October 2008 - *Internal Audit Guidelines*.

Included in the Audit Committee Charter is a requirement for the Committee to report to Council annually outlining its activities. This is the second Report of the Committee and the first dealing with a full year's activities.

2. Committee Members

The Committee is comprised of the following members:

Independents

- Mr. Neil Adams (Chairperson)
- Mr. John Gordon

Councillors

- Councillor Julie Hegarty
- Councillor Jacqueline Townsend

3. Advisors to the Committee

All meetings

- | | |
|-------------------|---|
| - Mark Ferguson | General Manager |
| - Mark Jones | Chief Financial Officer |
| - Lilian Whiteman | Internal Auditor) |
| - Pamela Tasker | Administration Officer/Minute Secretary |

As required

Council's External Auditors, Hill Rogers Spencer Steer

Council managers, including to date:

- | | |
|----------------------|---|
| - Paul Baartz | Procurement & Fleet Officer |
| - Warwick Lawrence | Manager, Administration & Governance |
| - Jeff Lofts | Manager, Environmental Compliance |
| - James Payne | Manager, Urban Infrastructure |
| - Christy Ratnakumar | Financial Accountant |
| - Paul Reid | Team Leader, Corporate Strategy & Commercial |
| - Myles Thana | Management Accountant |
| - Jeremy Wardell | Principal Officer, Risk & Developer Contributions |

4. Meetings of the Committee

The table below sets out the meetings of the Committee held since its inception until the date of the most recent meeting.

Summary of Committee Meetings

Meeting Date	Neil Adams	John Gordon	Clr Hegarty	Clr Townsend
16.02.2011	√	√	√	√
04.05.2011	√	√	√	√
03.08.2011	√	√	√	Apology
20.09.2011	√	√	√	√
16.11.2011	√	√	√	√

5. The Internal Audit Function

Prior to the Audit Committee being established, Council had appointed from its Finance team an Internal Auditor, Mechtild Stander, who worked 3 days per week providing internal audit services to Council. With Ms Mechtild's transfer overseas, Council appointed an external applicant with significant external and internal audit experience, Lilian Whiteman, in a full time role from September 2010.

The Internal Audit function is governed by a Charter endorsed by this Committee and approved by Council. The Charter is based on best practice recommendations made by the Department of Premier & Cabinet Division of Local Government.

Following a high level review of Council's risk framework, an Internal Audit programme of work was developed, and was approved by the Committee. With the benefit of experience over the following period and the further consideration of potential risks, the program for the following three years was developed in 2011 and this was reviewed endorsed by the Committee.

6. Achievements

Milestones achieved by the Committee in 2011 included:

- (i) Reviewed and endorsed the Internal Audit programme for the 2011-12 and the Strategic Audit Plan for the 3 years to 2011-14 submitted by the Internal Auditor.
- (ii) Reviewed the Financial Statements for the year ended 30 June 2011 and received a briefing from Council Finance management and the independent External Auditors. The Committee endorsed the statements.
- (iii) Received reports on administrative complaints and their resolution.
- (iv) Reviewed the Internal Audit self assessment
- (v) Undertook the Committee's self assessment.
- (vi) Received substantial briefings on:
 - Progress on Council's Electronic Procurement System;
 - Council's progress in developing an Enterprise Risk Management approach;

- Council's relative position in respect of the findings of the 2011 ICAC Inquiry into Burwood Council; and
 - Council's Complaints Handling Processes.
- (vii) The Committee considered numerous audit reports prepared by Internal Audit including those on the following topics:
- Procurement
 - Lease Register
 - Property Register
 - Capital Improvement Program
 - Coastal Environment Centre
 - Contracts Register
 - Fleet Management
 - Accounts Payable
 - Accounts Receivable
 - Development Applications
 - Records and Customer Information Management

7. Action Points for 2011-12

The Audit & Risk Committee will complete the following for the forthcoming year:

- (a) Present the Committee's Annual Report to Council for its meeting in February 2012
- (b) Review outstanding items on the Internal Audit programme.
- (c) Follow up on the implementation of Internal and External audit recommendations.
- (d) Review and endorse an Internal Audit programme for 2012-13 and a revised Strategic Audit Plan.
- (e) Receive an update from Council on its Enterprise Risk Management approach.
- (f) Pursue other governance related issues as necessary in accordance with the Audit Committee Charter.

9. Conclusion

The Audit & Risk Committee and Internal Audit function have worked very effectively over the past year in my view. Committee members and senior managers have worked together productively and harmoniously.

I take this opportunity to thank the other Committee members and the Internal Auditor for their valuable contribution to the Committee's success. I also acknowledge the noteworthy support of the Committee and the Internal Audit function from the General Manager, Mark Ferguson, and his management team.

Neil Adams
Audit & Risk Committee
Chairperson
23.01.2012

C7.4 Delegations over Christmas - New Year Recess 2011/2012

Meeting: Council

Date: 6 February 2012

STRATEGY: Business Management

ACTION: Effectively manage Council's corporate governance responsibilities

PURPOSE OF REPORT

To report to the Council instances where the Mayor and/or the delegated Committee appointed by the Council on 19 December 2011 have been required to exercise delegated authority over the 2011/2012 Christmas - New Year recess period.

1.0 BACKGROUND

1.1 At its meeting held on 19 December 2011 the Council noted and approved delegations to the Mayor (in relation to the policy making functions of the Council) and a Committee of Council (in relation to the regulatory functions of the Council) over the Christmas -New Year recess period. The Council resolved as follows:

- "1. That the Council note the delegation to the Mayor of its policy-making functions in accordance with section 226 of the Local Government Act, 1993 over the Christmas - New Year recess period.*
- 2. That the Council also note delegations to the Mayor as noted in paragraph 1.4 of the report.*
- 3. That pursuant to section 379(1) of the Act, authority be delegated to a Committee of the Council, comprising the Mayor or nominee (who shall be Chairperson), the 3 relevant ward Councillors if available, and any other Councillor who has an expressed interest in a particular matter or application if available, to carry out and resolve upon the regulatory functions of the Council, including the determination of development applications, S96 modifications and S82A Review applications during the 2011/2012 Christmas - New Year recess period. The Committee shall be appointed for the recess period only.*
- 4. That all Councillors be provided with copies of any reports dealing with regulatory matters, including the determination of development applications, S96 modifications and S82A Review applications prior to the delegated Committee determining such matters.*
- 5. That a report be submitted to the first Council meeting of the New Year outlining all matters and decisions taken by the Mayor or nominee (with respect to any policy making functions) and/or the above-mentioned Committee (with respect to any regulatory functions) under delegation during the Christmas - New Year recess period."*

2.0 ISSUES

2.1 Exercise of delegation by the Mayor – Policy making functions

There were no policy making functions of the elected Council that were exercised by the Mayor during the recess period.

2.2 Exercise of delegation by Committee of Council – Regulatory functions

The delegated Committee of Council met on 18 January 2012 to determine two (2) development applications that were previously reviewed by the Development Unit.

The applications were in respect of developments at 1408-1410 Pittwater Road, North Narrabeen and 30 Bassett Street, Mona Vale.

A copy of the minutes of the Committee meeting delegated with the authority to determine those applications during the recess period are attached for Council's information.

3.0 SUSTAINABILITY ASSESSMENT

A sustainability assessment is not required for this report.

4.0 EXECUTIVE SUMMARY

- 4.1 Historically Pittwater Council has delegated its policy-making functions during the Christmas - New Year Recess to the Mayor and a Committee of Council comprising delegated councillors.
- 4.2 A report therefore is submitted outlining all matters and decisions taken by the Mayor (with respect to any policy making functions) and/or the above-mentioned Committee (with respect to any regulatory functions) under delegation during the Christmas - New Year recess period.
- 4.3 There were no policy making or regulatory functions undertaken by the Mayor during the 2011/2011 recess period however a delegated Committee of the Council met to determine two (2) Development Applications.
- 4.4 A copy of the minutes of the Committee meeting is attached for the information of Council.

RECOMMENDATION

- 1. That Council note there were no policy making functions undertaken by the Mayor during the 2011/2012 recess period.
- 2. That Council note the attached minutes of the S379 (1) Committee of Council held on 18 January 2012 (**see Attachment 1**) and the decisions made under delegation.

Report prepared by

Warwick Lawrence

MANAGER, ADMINISTRATION & GOVERNANCE

Minutes

S379(1)

Committee of Council Meeting

held in the Conference Room at Mona Vale on

18 January 2012

Commencing at 9.03am.

ATTENDANCE

Members

Cr Rose (Mayor & Chairperson)
White, I (Deputy Mayor)
Dunbar, B
Giles, P
Grace, B
Hegarty, J
Townsend, J

Officers

Ferguson, M (General Manager)
Evans, S (Director, Environmental Planning & Community)
Hunt, C (Director, Urban & Environmental Assets)
Lawrence, W (Manager, Administration & Governance)
Hay, G (Executive Planner)
Robertson, E (Planner)
Rodham, P (Environmental Health Officer)
Tasker, P (Administration Officer/ Minute Secretary)

S379(1) Committee of Council Meeting

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4.0	S379(1) Committee of Council Meeting Business	
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C4.1	N0189/11/S96/1 - 1408-1410 Pittwater Road North Narrabeen - Use of premises as a motor vehicle dealership and automotive workshop	
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4.0	S379(1) Committee of Council Meeting Business	
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C4.2	N0055/11 - 30 Bassett Street Mona Vale - Demolition and construction of a new dwelling	
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Notes:

1. The S379(1) Committee of Council Meeting commenced at 9.03am and adjourned at 10.51am, recommenced at 11.02am and concluded at 11.27am.
2. Cr Rose assumed the Chair.

S379(1) Committee of Council Meeting

Note:

The following unsuccessful motion was moved by Cr Grace and seconded by Cr Townsend:

"That the Committee resolve to defer consideration of these two items until the first or second Council Meeting to be held in February 2012."

1.0 Apologies

COMMITTEE DECISION

That apologies be received and accepted from Cr Hock and Cr James and leave of absence be granted from the S379(1) Committee of Council Meeting held on 18 January 2012.

(Cr Hegarty / Cr Giles)

2.0 Declarations of Pecuniary and Conflict of Interest including any Political Donations and Gifts - Nil

Procedural Motion (COMMITTEE DECISION)

That the Committee resolve to allow additional speakers to address the Committee on these items.

(Cr Townsend / Cr Hegarty)

3.0 Public Addresses

Proceedings in Brief

C4.1 – N0189/11/S96/1 – 1408-1410 Pittwater Road North Narrabeen – Use of premises as a motor vehicle dealership and automotive workshop - with the leave of the Committee Mr David Kissane, Mr Martin Harlowe, Ms Jane Grover and Ms Anne Church addressed the meeting speaking against this item. Mr Peter Princi (Consultant Architect) and Mr Rodney Stevens (Acoustic Consultant) addressed the meeting speaking in support of this item.

4.0 S379(1) Committee of Council Meeting Business

C4.1 N0189/11/S96/1 - 1408-1410 Pittwater Road North Narrabeen - Use of premises as a motor vehicle dealership and automotive workshop

COMMITTEE DECISION

- A) That the recommendation in the Development Officer's Report be endorsed and Development Application Section 96 – N0189/11/S96/1 – 1408-1410 Pittwater Road North Narrabeen – Use of premises as a motor vehicle dealership and automotive workshop - be approved subject to the following deleted, amended and additional Conditions of Consent:-

Deleted Conditions:

A2, A5, A6, E2, E3 and E4

Amended Conditions:

- B6** The hours of operation of the mechanic workshop are to be limited to **Monday to Friday (7:00am – 6:00pm) and Saturday (8:00am - 1:00pm) as nominated by the Applicant.**
- B10** All mechanical plant associated with the mechanics workshop are to be internally housed. This includes items required (compressor) for the car wash-down bay.
The car wash bay is not to utilise a high pressure hose / gun.
- B11** The northern roller door is to have a device installed to ensure the door **is not raised beyond** a maximum height of 2.2 metres. The door must not be opened above this height.
- B12** The mechanic workshop is to be limited to two (2) workshop hoists. This includes fixed and moveable hoists.
- B13** Motor vehicles associated with the **business including vehicle servicing operations and employee vehicles are not to be parked in Darius Avenue or Parukala Place.**

Additional Conditions:

- B14** The northern workshop access door is not to remain open during workshop operating hours.
- E2** The submission to Council and the Principal Certifying Authority of certification by an acoustic consultant (prior to the issue of an Occupation Certificate) that the requirements of conditions of consent relating to noise criteria and noise mitigation measures are satisfied, and that the use of the premises complies with the requirements of the NSW Industrial Noise Policy.

And the following amended and additional Conditions:

- B15** A 2.2 metre high **masonry** fence must be installed on the northern and eastern boundaries of the wash bay.
- B16** (a) That the Compliance sound level for the workshop operations does not exceed 50dB LA90 being the level set by the applicant's expert and accepted by Council as the acceptable noise level.
- (b) That monitoring of the environmental noise levels be conducted on a quarterly basis for two (2) years to determine compliance with the set noise level.
- (c) Should the operation of the workshop be non compliant, then it is to immediately cease operations until noise mitigation works are carried out.
- B) That in accordance with Clause 16 of the Council's adopted Code of Meeting Practice the reasons for the deviation from the staff recommendation in relation to this application are as follows:-
- To address residents concerns in relation to the acoustic impact of the development.

(Cr Giles / Cr White)

Note:

A division was duly taken resulting in the following voting:

Aye (For)	No (Against)
Cr Grace	Nil
Cr Giles	
Cr Dunbar	
Cr White	
Cr Rose	
Cr Hegarty	
Cr Townsend	

Procedural Motion (COMMITTEE DECISION)

That the meeting be adjourned for a short period prior to discussion on Item C4.2.

(Cr Hegarty / Cr Rose)

Notes:

1. The meeting adjourned at 10.51am and recommenced at 11.02am.
2. The General Manager left the meeting at 10.51am and did not return for the remainder of the meeting.
3. The Director, Urban & Environmental Assets left the meeting at 10.51am and did not return for the remainder of the meeting.
4. The Manager, Administration and Governance, joined the meeting at 11.02am representing the General Manager.

3.0 Public Addresses

Proceedings in Brief

C4.2 – N0055/11 – 30 Bassett Street Mona Vale – Demolition and construction of a new dwelling - with the leave of the Committee Mr Tony Sattler (Consultant Planner) and Mrs Ethel Walmsley addressed the meeting speaking against this item. Mr Gary Peacock (Consultant Planner) addressed the meeting speaking in support of this item.

4.0 S379(1) Committee of Council Meeting Business

C4.2 N0055/11 - 30 Bassett Street Mona Vale - Demolition and construction of a new dwelling

COMMITTEE DECISION

- A) That the recommendation in the Development Officer's Report be endorsed and Application N0055/11 - 30 Bassett Street Mona Vale – the demolition and construction of a new dwelling be granted development consent subject to the conditions contained in the Draft Determination with the exception of the following:

That condition **C16** be amended as follows:

- C.16** That the colour palette as submitted with the application be adopted with the exception of the external walls to be Dulux Range A164 - *Warm Neutral W*.

- B) That in accordance with Clause 16 of the Council's adopted Code of Meeting Practice the reasons for the deviation from the staff recommendation in relation to this application are as follows:-

- To satisfy neighbour's concerns.

(Cr Townsend / Cr Hegarty)

Notes:

1. A division was duly taken resulting in the following voting:

Aye (For)	No (Against)
Cr Grace	Nil
Cr Giles	
Cr Dunbar	
Cr White	
Cr Rose	
Cr Hegarty	
Cr Townsend	

2. The following unsuccessful motion moved by Cr Giles lapsed for the want of a seconder:

"That the recommendation in the Development Officer's Report be endorsed and Application N0055/11 - 30 Bassett Street Mona Vale – the demolition and construction of a new dwelling be granted development consent subject to the conditions contained in the Draft Determination with the exception of the following:

*That condition **C16** be amended as follows:*

C.16 *That the colour palette as submitted with the application be adopted with the exception of the external walls to be Dulux Range A164 – Avara D."*

**THERE BEING NO FURTHER BUSINESS
THE MEETING CONCLUDED AT 11.27AM
ON WEDNESDAY, 18 JANUARY, 2012**

Community, Recreation and Economic Development Committee

**8.0 Community, Recreation and Economic Development
Committee Business**

C8.1 Pittwater Volunteer Awards Program 2012

Meeting: Community, Recreation & Economic
Development Committee

Date: 6 February 2011

STRATEGY: Building Communities

ACTION: Conduct a Biennial Pittwater Volunteer Awards Function

PURPOSE OF REPORT

To propose a framework for the 2012 Volunteer Awards program, and to seek one Councillor from each Ward to assess the nominations.

1.0 BACKGROUND

- 1.1 Volunteers provide a wide range of services to the community and play a vital role in enabling people to remain connected and make meaningful contributions to their community. Nationally, volunteering is one of the most significant contributors to local communities. According to the 2006 Census data, locally we have a strong volunteer base with overall rates significantly higher (at approximately 20.5%) than for greater Sydney at about 15%.
- 1.2 Pittwater Council is committed to encouraging and recognising the efforts of volunteers. Each year a civic reception is held in December to mark International Volunteer Day. Every second year an awards program is carried out whereby local volunteers are nominated to receive an award in the categories outlined below in 2.3.
- 1.3 In 2010 Council received over 70 nominations for outstanding volunteers who are either Pittwater residents or people who make a contribution to the Pittwater area.

2.0 ISSUES

- 2.1 Nominations will be invited and the program will be widely promoted through local media, Council's website, networks and direct contact with local organisations.
- 2.2 As 2012 marks Pittwater Council's 20th Anniversary it is proposed an additional category be included within the program to recognise the efforts of local volunteers who have given 20 or more years of service to the local community.
- 2.3 The categories for the 2012 Volunteer Awards Program include:
 - Environmental
 - Bushcare
 - Youth (for people aged 12-24 years)
 - Community Services – General
 - Community Services – Aged and Disability
 - Surf Lifesaving

- Sporting Groups
 - Rural Fire Service
 - Emergency Services
 - 20+ years of Volunteering in Pittwater
- 2.4 Nominations are open from Monday 13 February to Friday 16 March 2012. Council staff will collate the nominations and then circulate them to the nominated Councillors.
- 2.5 To coincide with National Volunteers Week, the presentation night will be held on Tuesday 15 May 2012 at Bayview Golf Club. The national theme for this year is *"Volunteers – Every One Counts"*.
- 2.6 In previous years we have received high numbers of nominations. Due to the limited capacity of the venue, there will be five nominations per category invited to attend the event, with one winner selected in each category. Winners are determined using criteria such as years of service, dedication beyond the call of duty, significant achievements, previous awards or recognition and service in one or more area.

3.0 SUSTAINABILITY ASSESSMENT

3.1 Supporting & Connecting our Community (Social)

- 3.1.1 This program acknowledges the significant contribution that volunteering makes towards the wellbeing of the community in Pittwater.

3.2 Valuing & Caring for our Natural Environment (Environmental)

- 3.2.1 This program recognises the work of a wide range of individuals and organisations in protecting Pittwater's natural environment.

3.3 Enhancing our Working & Learning (Economic)

- 3.3.1 This program recognises the contribution of volunteers to community education and economic sustainability.

3.4 Leading an Effective & Collaborative Council (Governance)

- 3.4.1 This program recognises and strengthens the link between Council and the community.

3.5 Integrating our Built Environment (Infrastructure)

- 3.5.1 No significant impact.

4.0 EXECUTIVE SUMMARY

- 4.1 The Pittwater Volunteer Awards Program recognises the efforts of the many hundreds of volunteers that contribute daily to the Pittwater community. It is a means for Council, on behalf of the Pittwater Community to say thank you and your efforts are valued and appreciated.

RECOMMENDATION

1. That Council support the inclusion of a 20+ years of Volunteering in Pittwater award to mark the 20th Anniversary of Pittwater Council.
2. That one Councillor from each Ward be nominated to sit on the Pittwater Volunteer Awards Program assessment panel.

Report prepared by
Melinda Hewitt, Social Community & Economic Development Coordinator

Lindsay Godfrey
MANAGER, COMMUNITY, LIBRARY & ECONOMIC DEVELOPMENT

Natural Environment Committee

9.0 Natural Environment Committee Business

C9.1	Minutes of the Sydney Coastal Councils Group Ordinary Meeting of 3 December 2011
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Meeting: Natural Environment Committee

Date: 6 February 2012

STRATEGY: Beach & Coastal Management

ACTION: Strategic Initiative - Partner with other councils, SCCG and Catchment Management Authorities to integrate and complement regional initiatives

PURPOSE OF REPORT

To advise Council of the Minutes of the Sydney Coastal Councils Group (SCCG) Ordinary Meeting held on 3 December 2011 and hosted by City of Sydney Council.

1.0 BACKGROUND

- 1.1 The SCCG is a forum to promote co-ordination between the 15 member councils on environmental issues relating to the sustainable use and management of the Sydney urban coastal environment.

2.0 ISSUES

2.1 Item 5. BUSINESS ARISING – Sydney Water Request to increase nutrient discharge into the Hawkesbury River

Delegates supported the resolution of the Technical Committee of 20 October 2011 to write to Sydney Water and the Minister for the Environment to maintain the existing conditions of Sydney Water's pollution licence and not increase the nutrient discharge limits from the Brooklyn Wastewater Treatment Plant into the Hawkesbury River.

In response to a letter from Hornsby Shire Council, Mayor Rose wrote to the Mayor of Hornsby supporting the position of the SCCG and sharing concern at the precedent set should Sydney Water be permitted to simply vary its current licence conditions instead of addressing the operational deficiencies of the Brooklyn Plant.

2.2 Item 9.3. Plastics in the Marine Environment Report

Delegates received a report on the deleterious effects of plastics on marine ecologies, including the toxic effects of micro-plastics. Apart from the issue of plastic water bottles in the marine environment, concern was also raised at the proliferation of plastic parking tickets issued by 'Pay and Display' parking machines. The Group resolved to write to member councils highlighting the impacts from plastic parking tickets and requesting that member councils consider alternatives to plastic parking tickets and infringement notices.

3.0 SUSTAINABILITY ASSESSMENT

No sustainability assessment required

4.0 EXECUTIVE SUMMARY

- 4.1 The minutes of each Sydney Coastal Councils Group meeting are reported for the information of Council at the request of the SCCG Executive Committee.
-

RECOMMENDATION

That the Minutes of the Sydney Coastal Councils Group (SCCG) Ordinary Meeting of 3 December 2011 (appended as **Attachment 1**) be noted.

Report prepared by
Paul Hardie, Principal Officer – Coast & Estuary

Jennifer Pang
MANAGER – CATCHMENT MANAGEMENT & CLIMATE CHANGE



**SYDNEY COASTAL COUNCILS GROUP Inc.
MEMORANDUM**

MEMO TO: General Manager

SUBJECT: SCCG Minutes from Ordinary Meeting – 3 December 2011

DATE OF MEMO: 17 January 2012 Memo1-12

Dear General Manager,

Happy new year !

Please find attached a hard copy of the Minutes and Actions from the SCCG Ordinary Meeting held on Saturday 3 December, hosted by the City of Sydney Council.

A per the SCCG Constitution and SCCG Strategic Plan, Member Councils are asked to table these minutes from the quarterly SCCG 'Full Group' meetings at an appropriate Council meeting for the information of Councillors, Executives and relevant staff.

If you would like an electronic copy of these Minutes and attachments, please email me on:
geoff@sydneycoastalcouncils.com.au

Thank you for your assistance with this matter.

Your sincerely,

Geoff Withycombe
Regional Coastal Environment Officer / Executive Officer

Sydney Coastal Councils Group Inc.
Level 14, 456 Kent Street
SYDNEY NSW 2001
DX 1251 Sydney
Ph: +61 2 9246 7791
Fax: +61 2 9265 9660
Email: geoff@sydneycoastalcouncils.com.au

**SYDNEY COASTAL COUNCILS GROUP Inc.
MEMORANDUM**

MEMO TO:

Councillor Brian Troy	Botany Bay Council
Ms Cathy McMahon	Botany Bay Council
Councillor Wendy McMurdo	Hornsby Council
Councillor Michael Hutchence	Hornsby Council
Dr Ross McPherson	Hornsby Council
Councillor Rochelle Porteous	Leichhardt Council
Councillor Michele McKenzie	Leichhardt Council
Mr Ryann Medei	Leichhardt Council
Councillor Barbara Aird	Manly Council
Councillor Cathy Griffin	Manly Council
Mr Stephen Clements	Manly Council
Councillor Denise Wilton	Mosman Council
Councillor Warren Yates	Mosman Council
Ms Belinda Atkins	Mosman Council
Councillor Veronique Marchandean	North Sydney Council
Councillor Andrew Robjohns	North Sydney Council
Mr Peter Massey	North Sydney Council
Councillor Jacqueline Townsend	Pittwater Council
Councillor Bob Grace	Pittwater Council
Mr Paul Hardie	Pittwater Council
Councillor Margaret Woodsmith	Randwick Council
Councillor Geoff Stevenson	Randwick Council
Ms Bronwyn Englaro	Randwick Council
Councillor Lesa de Leau	Rockdale Council
Clr Shane O'Brian / Clr Joe Awada	Rockdale Council
Ms Alexandria Vandine / Ms Madeline Hourihan	Rockdale Council
Councillor Peter Towell	Sutherland Council
Mr Ian Drinnan / Dr Guy Amos	Sutherland Council
Councillor Di Tornai	City of Sydney Council
Mr Chris Derksema	City of Sydney Council
Councillor Dr Christina Kirsch	Warringah Council
Councillor Dr Conny Harris	Warringah Council
Mr Denise Regan	Warringah Council
Councillor John Wakefield	Waverley Council
Councillor Prue Cancian	Waverley Council
Ms Emily Scott / Mr Corey Fox	Waverley Council
Councillor Wendy Norton	Willoughby Council
Councillor Lynne Saville	Willoughby Council
Ms. Nicola Faith	Willoughby Council
Councillor Nicola Grieve	Woollahra Council
Councillor Susan Jarnason	Woollahra Council
Mr Chris Munro / Mr Sam Badalati	Woollahra Council
Emeritus Prof. Bruce Thom AM	Honorary Member
Mr Phil Colman	Honorary Member
Mr George Cotis	Honorary Member
Ms Shirley Colless	Honorary Member
Mr George Copeland	Honorary Member
Dr Judy Lambert AM	Honorary Member
c.c. Cr. Keith Rhoades AFSM	NSWLGSA

SUBJECT: Please find attached the Minutes and Actions from the Sydney Coastal Councils Group Inc. Ordinary Meeting hosted by City of Sydney Council on Saturday 3 December

DATE OF MEMO: 21 December 2011

Memom4-11

Please find attached the Minutes and Actions from the Sydney Coastal Councils Group Inc. Ordinary Meeting hosted by City of Sydney Council on Saturday 3 December.

Please note the next SCCG Full Group meeting will be held on 17 March 2012 hosted by Willoughby Council. This meeting will also include a tour of the Concourse development.

On behalf of the SCCG Secretariat we wish you all a very Merry Christmas and happy and safe New Year. Thank you all for your support and participation in SCCG activities in 2011 and we look forward to continue to provide support services to your Council and your communities in 2012

Regards,

Geoff Withycombe
Regional Coastal Environment Officer / Executive Officer

LIST OF ACTIONS FROM THE ORDINARY MEETING 3 December 2011

The table below is intended to provide delegates with a summary of the meeting. Actions for delegates to complete prior to the next meeting have been highlighted in bold

Item	Action	By whom	Due By
5.0	<p>Business Arising</p> <ul style="list-style-type: none"> SCCG – City of Sydney Hosting Contract <p>1) the EO continue to chase a meeting with the City of Sydney, Executive Officer, with the aim of reviewing and renewing the existing hosting contract.</p> <ul style="list-style-type: none"> Sydney Harbour Councils <p>the SCCG EO report back to the SCCG on outcomes of the Sydney Harbour Council meeting scheduled for February 2012 including potential to invite non SCCG Harbour Councils to become members</p> <ul style="list-style-type: none"> Governance of Sydney Waterways <p>1. The SCCG Secretariat and Prof Bruce Thom meet with Roads and Maritime Services, Dept. of Planning and Crown Lands to further discuss SCCG AGM resolution to better define responsibilities of Sydney estuary foreshore management.</p> <p>2. Roads and Maritime Service be again invited to address the March 2012 SCCG meeting regarding</p> <p>* The new government structure in relation to waterways and boating management, * Clarifying roles and responsibilities of waterway management authorities including Maritime, * The development of Sydney Boat storage strategy, * Development of the integrated waterways management strategy for Sydney.</p> <ul style="list-style-type: none"> Sydney Water Request to increase nutrient discharge into the Hawkesbury River <p>SCCG support the recommendation of the SCCG Technical Committee regarding concerns to increase nutrient discharge into the Hawkesbury River and approve the letter to the Minister for the Environment (cc Director General of Sydney Water), to be signed on behalf of the SCCG by the EO.</p> <ul style="list-style-type: none"> Minister for the Environment – presentation to the SCCG <p>Again invite the NSW Minister for the Environment to address either the March or June meeting of the SCCG.</p> <p>a) Commonwealth Update - Emeritus Professor Bruce Thom AM</p> <p>1. Prof Thom keep the Group informed of activities of the Commonwealth and the Coasts and Climate Change Council.</p>	<p>EO</p> <p>EO</p> <p>Secretariat / Prof Bruce Thom</p> <p>CPO</p> <p>EO</p> <p>Prof Bruce Thom</p>	<p>ASAP</p> <p>March</p> <p>Jan – Feb 17 March</p> <p>December</p> <p>January</p> <p>17 March</p>
6.2	<p>Correspondence from the last meeting</p> <ul style="list-style-type: none"> Plastic Parking Tickets <p>The Group write to Member Councils highlighting these issues of impacts from plastic parking and infringement notices and request member councils consider alternatives and requesting a response to the SCCG correspondence.</p>	CPO	January
7	<p>Presentation – Preparing an Adaptation Strategy for Sydney</p> <p>1) Mr Lee be thanked for his attendance and presentation.</p> <p>2) SCCG sign the project partnership MOU with OEH.</p> <p>3) The SCCG directly inform member councils on the process and outcomes of the consideration of the project MOU and preliminary details of the project.</p>	<p>SCCG Chairperson EO</p>	<p>3 Dec 3 Dec January</p>

Item	Action	By whom	Due By
8.2	SCCG Annual Survey 1. Representatives complete and return the Survey to the CPO by 12 December 2011. 2. The CPO distribute an electronic version of the Survey for completion and return to the Secretariat. 3. The Secretariat prepare a representations report for consideration at the March 2012 meeting.	ALL CPO CPO	12 Dec Dec 17 March
9.1	SCCG Capacity Building Program & Engagements Report 1. Council websites include a link to the Summerama website (www.summerama.com.au). 2. Summerama Champions be thanked for their ongoing assistance. 3. The issues of SCCG sponsorship and sponsorship approval be referred to the next SCCG Executive Committee meeting.	ALL ALL EO	ASAP 3 December EO / Exc
9.3	Plastics in the Marine Environment Report 1. The Group write to member councils highlighting this issues of impacts from plastic parking and infringement notices and request member councils consider alternatives and requesting a response to the SCCG correspondence. 2. The SCCG explore with partner universities the opportunity of securing a postgraduate student to investigate the nature and impacts of plastics (including microplastics) across Sydney's coasts and estuaries.	CPO / EO Secretariat	January 2012
9.5	SCCG Coastal Adaptation Pathway Projects 1) The Project Officer provide updates on the three projects to future meetings. 2) In relation to the Multi-Criteria Approaches to Adaptive Coastal Development project, by 7 December 2011 delegates: a) (and other relevant officers) complete the online survey; b) provide details of case studies to the Project Officer.	PO - CCA	17 March
9.6	NSW Coastal Management Conference – Outcome Reports 1) Delegates highlight any papers that they may wish to obtain.	ALL	Dec – Jan
9.12	Key Activities Report for September – November 2011 The SCCG Key Activities Report for September – November 2011 be reported on as part of the Key Activities report submitted to the March 2012 SCCG meeting.	EO	17 March
11.1	Financial Statements for period 30 June – 30 September 2011 The financial statements for the period 30 June – 30 September 2011 be received and adopted.	ALL	3 December
11.1	General Business 1. Delegates and member council participate in "One Person Can" 2. Delegates consider attending the Save the Styx Turns Blue event 3. Phil Colman and the SCCG secretariat convene at a working group meeting early in the New Year at the Colman residence to address the potential development of the Marine and Foreshore biodiversity awareness and appreciation strategy. 4. The Secretariat identify 2 SCCG Technical Committee delegates to participate in the development of a potential Marine and Foreshore biodiversity awareness and appreciation strategy.	ALL ALL Phil Colman / Secretariat Secretariat	ASAP 18 Feb Jan – Feb Jan
12.1	2012 Meeting dates Delegates resolved that due to the Local Government Elections the SCCG would have only 3 meetings in 2012 with the AGM meeting to be moved to the December meeting. 2012 meeting dates are: Saturday 17 March 2012 at 12 noon (Willoughby Council) Saturday 16 June 2011 at 12 noon (City of Sydney) Saturday 10 December 2011 at 12 noon (AGM) (City of Sydney)	ALL ALL ALL ALL	3 Dec 17 March 16 June 10 Dec
11.2	Next Meeting 1) The next meeting be held at Willoughby City on 17 March (12 noon) (and include a tour of the concourse development) 2) Invite NSW Minister for the Environment and ? NSW Road and Maritime Services	ALL EO	3 Dec October

SYDNEY COASTAL COUNCILS GROUP Inc.
MINUTES FOR THE ORDINARY MEETING
HELD ON SATURDAY 3 DECEMBER, 2011
HOSTED BY THE CITY OF SYDNEY COUNCIL.

IN ATTENDANCE

Cr. Brian Troy	City of Botany Bay
Cr. Wendy McMurdo	Hornsby Council
Cr. Cathy Griffin	Manly Council
Cr. Warren Yates	Mosman Council
Cr. Veronique Marchandean	North Sydney Council
Cr. Jacqueline Townsend	Pittwater Council
Mr. Paul Hardie	Pittwater Council
Cr. Margaret Woodsmith	Randwick Council
Cr. Geoff Stevenson	Randwick Council
Cr. Peter Towell	Sutherland Council
Cr. Dr. Conny Harris	Warringah Council
Cr. Dr. Christina Kirsch	Warringah Council
Cr. Prue Cancian	Waverley Council
Cr. Wendy Norton	Willoughby Council
Cr. Lynne Saville	Willoughby Council
Cr. Nicola Grieve	Woollahra Council
Cr. Susan Jarnason	Woollahra Council
Mr. Geoff Withycombe	SCCG (EO)
Mr. Stephen Summerhayes	SCCG (CPO)
Ms. Sophie O'Dwyer	SCCG (PO – CCA)
Dr. Judy Lambert AM	Honorary Member
Mr. Phil Colman	Honorary Member
Mr Christopher lee	For Presentation Only
	Office of Environment and Heritage

1. OPENING

The meeting opened at 12.30pm. Cr. McMurdo (Chairperson) welcomed delegates to the Meeting and thanked the City of Sydney for again hosting the SCCG meeting.

2. APOLOGIES

Cr. Rochelle Porteous	Leichhardt Council
Cr. Michele McKenzie	Leichhardt Council
Cr. Barbara Aird	Manly Council
Cr. David James	Pittwater Council
Cr John Wakefield	Waverley Council
Mr. George Copeland	Honorary Member
Cr. Keith Rhodes	President LGSA

Resolved that the apologies be received and noted.

Councils not represented at the meeting Leichhardt, City of Sydney, Rockdale Council.

3. DECLARATION OF PECUNIARY INTERESTS

Resolved that there was no declaration of pecuniary interests.

4. CONFIRMATION OF MINUTES

4.1 Minutes of the Annual General Meeting of the SCCG held on 10 September 2011 at Randwick City Council

Resolved that the Minutes of the Annual General Meeting of the SCCG held on 10 September 2011 at Randwick City Council be confirmed.

4.2 Minutes of the SCCG Executive Committee held on 6 September 2011 at City of Sydney Council.

Resolved that the Minutes of the SCCG Executive Committee held on 6 September 2011 at the City of Sydney Council be received and noted.

4.3 Minutes of the Technical Committee Meeting of the SCCG held on 20 October 2011 hosted by Manly Council at Manly Oval

Resolved that the Minutes of the Technical Committee Meeting of the SCCG held on 20 October 2011 hosted by Manly Council at Manly Oval be received and noted.

5. BUSINESS ARISING

Delegates were referred to the list of action contained in the meeting memo.

• Sydney Harbour Councils

The EO noted he met with the Hunters Hill General Manager, Barry Smith on 21 October to discuss the SCCG resolution to potentially invite non Sydney Harbour Councils to join the SCCG. The EO noted that after much discussion on the possibilities including some of the potential limitations of smaller harbor councils to afford member contributions. It was decided to hold off on any activity to invite councils until the next Sydney Harbour Council meeting scheduled for February 2012.

Resolved that the SCCG EO report back to the SCCG on outcomes of the Sydney Harbour Council meeting scheduled for February 2012 including potential to invite non SCCG Harbour Councils to become members

• Governance of Sydney Waterways

The EO noted that at the last meeting it was resolved that:

1. Professor Bruce Thom with the assistance of the SCCG Secretariat identify a suitably qualified researcher to undertake an assessment of the authorities responsible for the Governance of Sydney Waterways (this research should identify the management, approval and licensing roles of State and Local authorities in each of Sydney's waterways),
2. The SCCG Secretariat and Prof Bruce Thom meet with Maritime and Crown Lands (and potentially Department of Planning) to discuss the above,

3. Prof Bruce Thom report back to the next meeting with an outcomes report to include an investigation outline for consideration.

The EO informed delegates that meeting(s) have been arranged for the New Year with Department of Planning, Roads and Maritime Services (formerly NSW Maritime), and Crown Lands to further discuss these issues. In a separate but related development Roads and Maritime Services have been in contact with the SCCG seeking assistance to work with Member Councils to discuss opportunities to better coordinate and integrate development assessment and general harbour foreshore management to streamline and rationalize current activities to avoid duplication and excessive red tape. A meeting in this regard (then possible member councils workshop(s)) are planned for early 2012.

The EO further noted that unfortunately Road and Maritime were not available to present at this meeting however have indicated that a presentation to the first SCCG meeting in 2012 should be possible following the major restructure of the agency.

Resolved that:

1. The SCCG Secretariat and Prof Bruce Thom meet with Roads and Maritime Services, Dept. of Planning and Crown Lands to further discuss SCCG AGM resolution to better define responsibilities of Sydney estuary foreshore management.
2. Roads and Maritime Service be again invited to address the March 2012 SCCG meeting regarding
 - * The new government structure in relation to waterways and boating management,
 - * Clarifying roles and responsibilities of waterway management authorities including Maritime,
 - * The development of Sydney Boat storage strategy,
 - * Development of the integrated waterways management strategy for Sydney.

• **Sydney Water Request to increase nutrient discharge into the Hawkesbury River**

At the Technical Committee meeting on 20 October 2011 it was resolved that the SCCG "would send correspondence supporting Hornsby Council's position both to Sydney Water and the NSW Minister for the Environment". A draft letter to Sydney Water and the Minister was then tabled at the TC meeting held on 1 December. This letter was tabled at the meeting for consideration.

Delegates resolved to support the Technical committee recommendation and approve the letter for distribution. It was also resolved that the EO sign this letter on behalf of the Group as the Chairperson is a Hornsby Council Councillor.

Resolved that the SCCG support the recommendation of the SCCG Technical Committee regarding concerns to increase nutrient discharge into the Hawkesbury River and approve the letter to the Minister for the Environment (cc Director General of Sydney Water), to be signed on behalf of the SCCG by the EO.

• **Minister for the Environment – presentation to the SCCG**

The EO noted that unfortunately the Minister for the Environment cancelled her scheduled presentation to the SCCG AGM as the last minute (presentation was replaced by Ms Lisa Corbyn (OEH)).

Resolved that to again invite the NSW Minister for the Environment to address either the March or June meeting of the SCCG.

6. CORRESPONDENCE

6.1 Sent and Received Correspondence.

Resolved that the circulated "sent" and "received" correspondence be received and noted.

6.2 SCCG correspondence from the last meeting

a) NSW Reforms to Coastal Management

The SCCG previously resolved to develop a joint letter to the Minister for the Environment to address issues including preparation of Emergency sub plans, and referrals to the Coastal Panel and other immediate implementation issues as identified.

The Ministerial response was received on 27 October noting 'emergency sub-plans only need to be a relatively small document and can be readily prepared' and that 'following a request from the LGSA to OEH I have agreed to provide councils with a three month extension of time to submit these sub-plans'.

Delegates questioned that if indeed these plans were so readily prepared why would a 3 month extension be necessary.

The second part of the correspondence was also addressed by the Minister noting that "In regards to your enquiry regarding referrals to the NSW Coastal Panel for development applications where coastal protection works are only part of the proposed development I am advised that under the SEPP (Infrastructure), 2007, the NSW Coastal Panel is the consent authority only for development applications relating to stand alone coastal protection works".

Delegates noted that this response did not address the concerns of the SCCG as the majority of DAs received by coastal councils involved development or redevelopment of entire residential or commercial properties, that also included coastal protection works, and therefore it would be unlikely that the Coastal Panel received any referrals particularly in Sydney.

The EO noted that this issue should again be raised as part of the Minister for the Environment recent announcement for a consultation process regarding the management of coastal erosion and regulation in NSW and a review of the NSW Coastal Protection Act. The SCCG attended the first workshop conducted by OEH on the subject on 28 October.

b) Plastic Parking Tickets

The Group write to member councils highlighting these issues of impacts from plastic parking and infringement notices and request Member Councils consider alternatives and requesting a response to the SCCG correspondence. **(This action is incomplete)**

Resolved that

1. The SCCG correspondence from last meeting be received and considered.
2. The Group write to Member Councils highlighting these issues of impacts from plastic parking and infringement notices and request member councils consider alternatives and requesting a response to the SCCG correspondence.

7. PRESENTATION – Preparing an Adaptation Strategy for Sydney

Mr Christopher Lee – Manager, Impacts and Adaptation (NSW OEH)

(Presentation Slides Attached)

Proceedings in Brief

The Sydney Adaptation Strategy identified in the Sydney Metropolitan Strategy (Action G2.1) will assess Sydney's climate change vulnerability and the expected impacts of climate change on key sectors and communities. Key sectors will cover health, emergency services, critical infrastructure and spatial planning. It will also address planning and preparedness for bush fires, flooding and coastal inundation. The objective of the Sydney Adaptation Strategy is to provide Government's coordinated approach to increasing Sydney's resilience to future climate change.

The Strategy will apply to the 41 local government areas in Sydney Metropolitan Area. The Project is being coordinated by Climate Change Impacts and Adaptation (I&A) of the Climate Change, Air and Noise Branch (CCAN) of OEH, in-conjunction with Metro Branch, Environment Protection and Regulation Group (EPRG) working in partnership with the SCCG and WSROC.

Mr Lee, reviewed the plan development and details can be found in his presentation slides attached. This included:

- Sydney Adaptation Strategy – overview
- Project Scope
- Key Objectives
- Project Governance
- Project Plan
- Projects (1 – 6)
- Stakeholder Engagement

Item 9.2 Item 9.2 was brought forward to consideration

Delegates considered the draft MOU and project plan included in the Business Papers. Delegates supported the SCCG signing this agreement noting that the organisation and member councils look forward to working with OEH, Dept. of Planning and WSROC to develop Sydney's first adaptation plan. Cr. Wendy McMurdo signed the MOU on behalf of the SCCG.

Resolved that:

- 1) the presentation be heard and considered at the meeting.
- 2) Mr Lee be thanked for his attendance and presentation.
- 3) SCCG sign the project partnership MOU with OEH.
- 4) The SCCG directly inform member councils on the process and outcomes of the consideration of the project MOU and preliminary details of the project.

8. ADMINISTRATIVE MATTERS

8.1 New Staff for the SCCG

Briefing Notes

Through grant funding and other changes, the Secretariat has and is recruiting for Staff. The Executive Officer provided a verbal report at the meeting.

The EO informed delegates that there have been a number of staff changes within the Secretariat lately. These include:

- Jodie Savage left the organisation in August to join Waverley Council as Waste Education Officer.
- Craig Morrison, the SCCG Senior Coastal Projects Officer resigned with his last work day being

11 November 2011, Craig has gone to Warringah Council as an Environment Officer – Systems and Planning.

- Sophie O'Dwyer has joined the SCCG as the Project Officer – Climate Change Adaptation, joining the Group 17 October
- The selection process for the Coastal Projects Officer was very competitive and Stephen Summerhayes was successful and joined SCCG on 24 October.
- The Group is also pleased to have Sarah Billens who will be working 2 days / week for 3 months to manage the 2012 Summerama program.
- The EO has called for applications to fill the SCPO role and applications closed 28 November (interviews scheduled on 22 December).

Resolved that the report be received and noted.

8.2 SCCG Annual Survey

Proceedings in Brief

The aim of this short survey is to enable the Sydney Coastal Councils Group Secretariat to identify what SCCG activities have assisted Member Councils and importantly to identify additional avenues and activities to further enhance this assistance.

The CPO introduced this item. It was noted that the 2010 annual survey provided valuable information and insight into the SCCG's performance and the needs of Member Councils. In order to rank results and enable them to be analysed descriptively and statistically (including comparisons across years), the CPO developed a new survey for 2011 drawing upon information gleaned from previous surveys. The CPO tabled a coded questionnaire survey which captures categorical and ordinal data using a Likert-style rating system, multiple response questions and comment fields.

Resolved that:

1. Representatives complete and return the Survey to the CPO by 12 December 2011.
2. The CPO distribute an electronic version of the Survey for completion and return to the Secretariat.
3. The Secretariat prepare a representations report for consideration at the March 2012 meeting.

9. REPORTS

Reports 9.1 – 9.7 FOR CONSIDERATION

9.1 SCCG Capacity Building Program & Engagements Report

Proceedings in Brief

The Secretariat is working with Member Councils to ensure the SCCG Capacity Building Program meets the needs of Member Councils. To assist this, a report from the Coastal Projects Officer on the Capacity Building Program and other activities is a standing item on all Technical Committee and Full Group meeting agendas. Delegates were informed that the report includes:

- **SCCG Building for Sustainability Forum Report**
The Sustainability Forum report is now available for download on the SCCG website. In the New Year the SCCG will examine how the partnership with UNSW (faculty of the Built Environment) can be developed.

- **SCCG Summerama (January 2012) (Slides Attached)**

Sarah Billens, the SCCG Summerama Coordinator prepared the slides presented by the CPO regarding the planning and progress of the 2012 SCCG Summerama program.

The new website (building upon the branding and key elements of last year's site) will be live shortly. It includes details of each Council's activities, a pdf calendar of events, links to social media and the like. A photo competition is under development.

The SCCG in partnership with its Member Councils promotes a range of activities that encourage the community to enjoy Sydney's coastal and estuarine environments throughout January. Accordingly, it was recommended that Councils include a link to the Summerama website on their website (www.summerama.com.au).

The EO noted that via Landcare Australia a small sponsor had been identified and engaged. This is 'Be Natural'. Some delegates noted concern with this sponsor as simple product placement. The EO noted that this sponsor had been identified by Landcare via their own internal due diligence processes and had also gone through all the associated SCCG sponsorship criteria, and statement of business ethics processes. The EO also noted that this great program would not be possible with at least some external sponsorship support and the part time SCCG Project Coordinator had worked very hard to secure sponsorship contacting tens of companies and also working closely with Landcare Australia.

The EO noted some disappointment with this feedback and suggested that all future potential SCCG sponsorships be referred to the SCCG Executive Committee for determination. This to be considered at the next SCCG Executive Committee meeting.

Resolved that:

1. The report be received and noted.
2. Council websites include a link to the Summerama website (www.summerama.com.au).
3. Summerama Champions be thanked for their ongoing assistance.
4. The issues of SCCG sponsorship and sponsorship approval be referred to the next SCCG Executive Committee meeting.

- **NSW Coastal Management Conference**

See item 9.6

- **SCCG Workshop - Management and Regulation Below the High Water Mark**

'Managing below the High Water Mark' will be the first forum conducted by the SCCG (in partnership with Waverley) in 2012.

- **SCCG Workshop – Mapping and Responding to Coastal Inundation – Communications**

The SCCG and CSIRO will be holding Council and Community focus group workshops in early 2012 to finalise the stage 3 component of the inundation project.

- **Priority activities for the 2012**

Delegates were referred to the annual SCCG survey to assist the SCCG identify additional SCCG capacity building programs for 2012.

Resolved that:

- 1) The report be received and considered.
- 2) Delegates to make recommendation on any additional capacity building activities / forums topics for 2012.

9.3 Plastics in the Marine Environment Report

Proceedings in Brief

At the last meeting it was resolved that:

- 1) The Group write to Member Councils highlighting this issues of impacts from plastic parking and infringement notices and request member councils consider alternatives and requesting a response to the SCCG correspondence,
- 2) The Secretariat prepare a brief report regarding plastics in the marine environment specifically highlight associated Member Council policies and activities such as banning plastic bottles for Council activities

The SCCG Secretariat has not yet had an opportunity to write to Member Councils.

The report prepared by the CPO attached in the business papers for consideration, examines the nature of plastic in the marine environment, its environmental impacts and the roles assumed by Member Councils in ameliorating those impacts including details of activities banning plastic bottles. The CPO reviewed the comprehensive report.

The CPO noted this report was also considered at the SCCG Technical Committee on 1 December who referred and referring the report to the Full Group delegates for consideration before finalising the terms of the letter to be sent to Councils.

A number of actions were considered namely (1) a best practice policy regarding plastics (for example, modelled upon elements of Mosman's Sustainable Event Management Policy) be developed and distributed to Councils, (2) the SCCG explore with partner universities the opportunity of securing a postgraduate student to investigate the nature and impacts of plastics (including microplastics) across Sydney's coasts and estuaries, (3) the investigation of matters identified in the report prepared by the Centre for Research on Ecological Impacts on behalf of Hornsby Council and, (4) the development of education tools (which could be incorporated into the 2013 Summerama program) to inform the community regarding the issue.

Resolved that:

1. The report be received and considered.
2. The CPO provide an overview of the report attached to the business papers for discussion and the identification of any additional SCCG activities.
3. The Group write to member councils highlighting this issues of impacts from plastic parking and infringement notices and request member councils consider alternatives and requesting a response to the SCCG correspondence,
4. The SCCG explore with partner universities the opportunity of securing a postgraduate student to investigate the nature and impacts of plastics (including microplastics) across Sydney's coasts and estuaries.

9.4 Coastal User Conflicts - Update report

This Item addressed in 'Item 9.1'.

9.5 SCCG Coastal Adaptation Pathway Projects

Proceedings in Brief

Sophie O'Dwyer, the new SCCG Project Officer- Climate Change Adaptation, provided delegates with a review and update on the three SCCG Coastal Adaptation Pathways projects being funded by the Commonwealth Department of Climate Change and Energy Efficiency.

- **Multi-Criteria Approaches to Adaptive Coastal Development (prioritising coastal adaptation options).**
- **Assessment and Decision Frameworks for Existing Seawalls.**
- **Demonstrating Climate Change Adaptation of Interconnected Water Infrastructure Project.**

The presentation provided details of the projects, their need and value. Copies of Factsheets pertaining to each project (available on the SCCG website) were provided to delegates.

A pdf copy of the PowerPoint presentation is attached.

In relation to the Multi-Criteria Approaches to Adaptive Coastal Development project, Delegates were urged to complete the online survey and provide case studies, as per previous emails. The PO will also issue licence documents to Delegates shortly seeking consent to use data provided by council.

Resolved that:

1. The report be received and noted.
2. The Project Officer provide updates on the three projects to future meetings.
3. In relation to the Multi-Criteria Approaches to Adaptive Coastal Development project, by 7 December 2011 delegates:
 - a) (and other relevant officers) complete the online survey;
 - b) provide details of case studies to the Project Officer.

9.6 NSW Coastal Management Conference – Outcome Reports

Proceedings in Brief

The SCCG Secretariat and other SCCG delegates attended the NSW Coastal Management Conference. The report in the business papers provided a review and outcomes of the conference was discussed. More information can be found at www.coastalconference.com. The 2012 NSW Coastal Management Conference will be held on the second week of November hosted by Kiama Council.

Resolved that:

- 1) The report be received and discussed.
- 2) Delegates highlight any papers that they may wish to obtain.

9.7 SCCG Grant Program Update

Resolved that the report be received and considered.

Reports 9.8 – 9.12 FOR INFORMATION ONLY (pending inquiry)

9.8 Technical Committee Report

Resolved that the report be received and considered.

9.9 Beachwatch & Harbourwatch Programs – Cllr. McMurdo

Resolved that the report on Beachwatch and Harbourwatch Programs be received and noted.

x

- 9.10 (a) Sydney Metropolitan Catchment Management Authority's Update
(b) Hawkesbury Nepean Catchment Management Authority's Update

Resolved that the reports be received and noted.

- 9.11 NSW Department of Primary Industries's Aquatic Biosecurity

Resolved that the report be received and noted.

- 9.12 Key Activities Report for September – November 2011

The EO apologised but this report was not prepared in time for the meeting. SCCG activities for this period will be addressed in the next 'Key Activities Report' of the March 2012 meeting.

Resolved that the SCCG Key Activities Report for September – November 2011 be reported on as part of the Key Activities report submitted to the March 2012 SCCG meeting.

10. SCCG SUBMISSION

- 10.1 Independent Pricing and Regulatory Tribunal of NSW - Re: Review of Sydney Water Corporation's Prices from July 2012.

Resolved that the SCCG Submission – Review of Sydney Water Corporation's Prices from July 2012 be received and adopted.

11. TREASURER'S REPORT

- 11.1 Financial Statements for period 30 June – 30 September 2011

Resolved that:

- 1) The financial statements for the period 30 June – 30 September 2011 be received and adopted.

12. GENERAL BUSINESS

- "One Person Can"

Cr Yates (Mosman) tabled information in relation to the "One Person Can" campaign and encouraged all delegates and member councils to get involved to 'make safe-climate actions visible and take the time to fill out the survey so to make your Climate Action visible to others see: www.onepersoncan.org

- Save the Styx Turns Blue

Cr Harris tabled information regarding the Save the Styx Turns Blue activity – this is a fund raising event with guest speakers and an auction to raise awareness about plastics in the ocean.

Event 6.30pm, Saturday 18 February at Forsestville Memorial Hall. Find out more at savethestyx@hotmail.com and www.facebook.com/Turnsblue

- **Appreciating and understanding "biological diversity of our coast, both rocky platforms and beaches - Development of a Strategy.**

Phil Colman (Honorary member) suggested that SCCG consider formulating a strategy to appreciate, and what is more, understand what we already have re biological diversity of our coast, both rocky platforms and beaches.

Mr Colman noted that we are already asking Councils to consider sea wall structures, "multi-criteria approaches to adaptive coastal development", risk management re coastal inundation, climate change issues re coastal development – in other words "Forecasting for the Future" however what is lacking is a real understanding of what we already have, be it appreciation and interpretation of coastal diversity; the (at times) critical importance of the meiofauna of coastal beaches; overall 'health' of the inshore marine life; impact of (polluted) stormwater runoff; dune planting and stabilisation issues; with an equal emphasis on protection, as well as sharing, of these resources so that they are infinite, instead of finite.

It was resolved that an initial working group be established and meet at the Colman residence, Collaroy early in the new year to prepare and a proposal to be tabled for consideration at the March 2012 meeting.

Working group so far: Phil Colman (convenor), Cllr Cathy Griffin, Dr Judy Lambert, SCCG Technical Committee delegates (x2 to be identified) and a representatives from the SCCG Secretariat.

Resolved that

1. Delegates and member council participate in "One Person Can"
2. Delegates consider attending the Save the Styx Turns Blue event
3. Phil Colman and the SCCG secretariat convene at a working group meeting early in the New Year at the Colman residence to address the potential development of the Marine and Foreshore biodiversity awareness and appreciation strategy.
4. The Secretariat identify 2 SCCG Technical Committee delegates to participate in the development of a potential Marine and Foreshore biodiversity awareness and appreciation strategy.

12.1 Suggested 2012 Meeting dates / Next Meeting

Delegates resolved that due to the Local Government Elections the SCCG would have only 3 meetings in 2012 with the AGM meeting to be moved to the December meeting. 2012 meeting dates are:

- Saturday 17 March 2012 at 12 noon (Willoughby Council)
- Saturday 16 June 2012 at 12 noon (City of Sydney)
- Saturday 16 December 2012 at 12 noon (AGM) (City of Sydney)

12.2 Items for Press Release

Resolved that items for press release be considered.

12.3 Agenda items for the next SCCG meeting

Resolved that delegates suggest additional agenda items including presentations for the next SCCG meeting proposed for Saturday 17 March 2012 starting at 12 noon.

12.4 Next Meeting

Recommended that the next meeting of the Group be held on 17 March 2012 at Willoughby City Council.

This meeting will also include a tour of the Concourse development.

Cr Wendy McMurdo closed the meeting and wished all delegates a Merry Christmas and happy and safe New Year.

The meeting closed at 3.40pm

Confirmation of Minutes:
/ /

NSW Office of Environment & Heritage

Sydney Adaptation Strategy

Christopher Lee
Manager, Impacts and Adaptation

NSW Office of Environment & Heritage

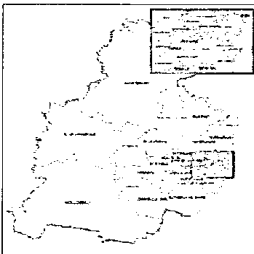
Sydney Adaptation Strategy

- Provides a coordinated approach to increasing Sydney's resilience to future climate change.
- NSW 2021 plan target of "minimise impacts of climate change in local communities"
- Consistent with National priorities for adaptation policy and city planning.

NSW Office of Environment & Heritage

Project Scope

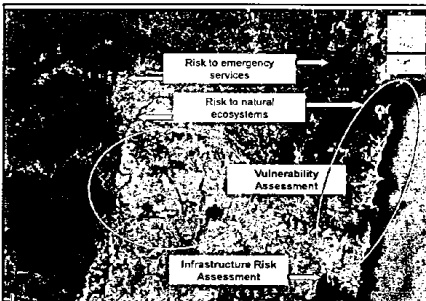
Sydney Metropolitan Area – 41 Local Government Areas



NSW Office of Environment & Heritage

Key Objectives

- Form a credible evidence basis;
- Create a knowledge bank;
- Develop endorsed project outcomes;
- Assist in building capacity; and
- Outline effective mechanisms for decision making.



Risk to emergency services

Risk to natural ecosystems

Vulnerability Assessment

Infrastructure Risk Assessment

NSW Office of Environment & Heritage

Project Governance

Office of Environment and Heritage

Project Partner Group
OfW, DPE, WRACC, SCCG

Technical Panel
University researchers

Steering Committee
State Agencies + Local government representatives

NSW Office of Environment & Heritage

Sydney Adaptation Strategy

Project 1 - Taking Stock
 Project 2 - Climate Change Impact Profile
 Project 3 - Socio Economic Profile & Spatial Analysis
 Project 4 - Review and Synthesis
 Project 5 - Integrated Regional Vulnerability Assessment
 Project 6 - Sydney Adaptation Strategy (December 2013)

2011-2012
2013

NSW Office of Environment & Heritage

Project 1 – Taking Stock

- Finalise Project Plan, establish governance framework and Communication and Stakeholder Engagement Plan.
- Collate potential project inputs, including:
 - Data
 - Risk, vulnerability and adaptation work by stakeholders
 - Review of best practice vulnerability assessment and adaptation strategies
 - Communication and engagement to develop strategies
- September 2011 – February 2012

NSW Office of Environment & Heritage

Project 2 – Climate Impact Profile

- OEH project in partnership with UNSW Climate Change Research Centre
- Regionalised Climate Projections for 2050
- Climate Impact Profile
- Platform to broader state-wide projections and impact analysis
- July 2011 to November 2012

NSW Office of Environment & Heritage

Project 3 – Socio-Economic Profile & Spatial Analysis

- DP&I – Project lead
- Develop a Socio-Economic Profile for Sydney using latest data (including 2011 Census).
- Evaluate how different urban forms and communities across Sydney may be more or less vulnerable to the impacts of climate change.
- Recommend a suite of adaptation responses to reduce the impacts of a changing climate on these urban forms and communities.
- February – December 2012

NSW Office of Environment & Heritage


Project 4 – Review and Synthesis

- Review existing academic research and reports by government and other stakeholders.
- Conduct a gap analysis, identify and pursue research projects that focus on particular systems or themes, e.g. infrastructure, human health, which are relevant to the development of the Adaptation Strategy
- Collaboration with the Technical Panel
- February 2012 – April 2013

NSW Office of Environment & Heritage

Project 5 & 6 – IRVA & Adaptation Strategy

- Integrated regional vulnerability assessment**
 - considers climate change vulnerability at a city scale
 - 'integrates' the vulnerability of all stakeholders using a systems approach
- Sydney Adaptation Strategy**
 - outlines a range of strategies and actions to reduce vulnerability
 - Mechanisms for implementation, monitoring and reviewing
 - Strategy released December 2013



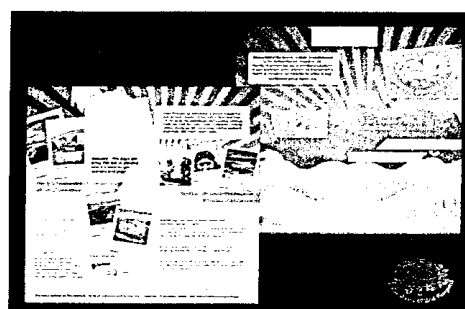
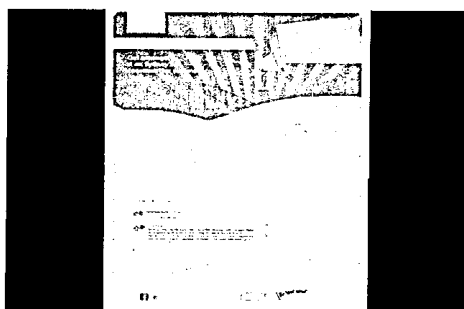
Stakeholder Engagement

- Key Stakeholders engaged throughout the project
- Intensive consultation in 2013 – Project 5 & 6
- Engagement with Local Government - critical to developing a robust & endorsed Adaptation Strategy
- Development of engagement strategy with SCCG and WSROC

12/22/2011



Full Group meeting
3 December 2011



Full Group meeting
3 December 2011



12/22/2011

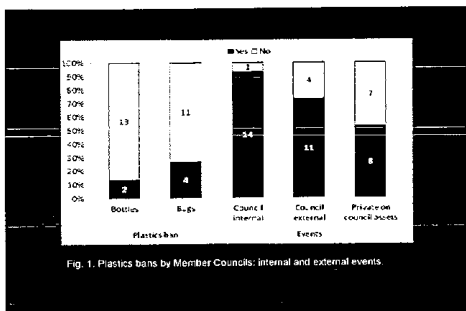
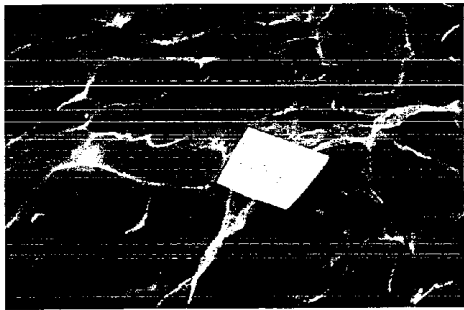
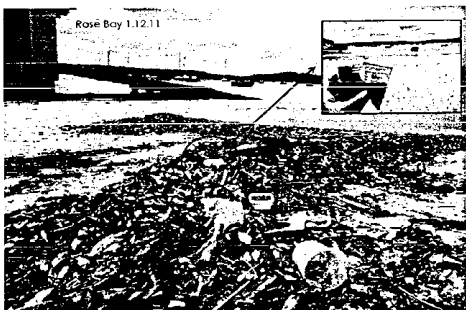
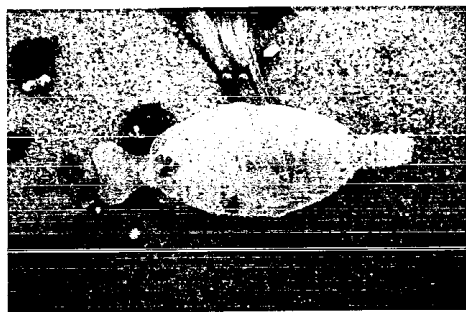


Table 2. The application of Member Councils' sustainable events management policies to plastic bottles and bags.

Council	Plastic Bottles			Plastic Bags		
	Event	Yes	No	Event	Yes	No
Botany Bay	No	No	Yes	No	No	No
Sydney City	No	No	Yes	Yes	Yes	Yes
North Sydney	No	No	Yes	No	No	No
Leichhardt	No	No	Yes	No	No	No
Marrickville	Yes	Yes	Yes	Yes	Yes	No
Mosman	Yes	Yes	Yes	Yes	Yes	Yes
North Sydney	No	No	Yes	Yes	Yes	Yes
Parramatta	No	No	Yes	Yes	Yes	No
Randwick	No	No	Yes	Yes	Yes	No
Rockdale	No	No	Yes	Yes	Yes	Yes
Sutherland	No	No	Yes	Yes	Yes	No
Warringah	No	No	No	No	No	Yes
Waverley	No	Yes	Yes	Yes	Yes	Yes
Woolloomooloo	No	No	Yes	Yes	Yes	Yes
Woolloomooloo	No	Yes	Yes	Yes	Yes	Yes



Full Group meeting
3 December 2011

1. Prioritising Coastal Adaptation and Development Options for Local Government

The project seeks to build understanding regarding how Local Government makes decisions regarding adaptation and coastal management

More complete Decision

Partners:
 University of Sunshine Coast
 Oak Ridge National Laboratory
 Sydney Coastal Councils Group

1. Prioritising Coastal Adaptation and Development Options for Local Government

Objectives

1. Development of a multi-criteria analysis framework for evaluating alternative coastal management decisions (MCA)
2. Evaluate the utility of the framework with respect to learning and practical decision-making
3. Development of framework for long-term monitoring and evaluation of development decisions (M&E)

Project Partners

- 2 Oak Ridge National Laboratory (Dr Benjamin Preston & Megan Maloney)
- 2 University of Sunshine Coast (Dr Dana Thomsen, Prof. Tim Smith, Robert Mangoyanis)

Partners:
 University of Sunshine Coast
 Oak Ridge National Laboratory
 Sydney Coastal Councils Group

In Principal Support
 Office of Environment & Heritage, NSW Department of Premier and Cabinet

GIS Data Providers
 Office of Environment & Heritage, NSW Department of Premier and Cabinet
 Land and Property Information NSW
 NSW Department of Planning and Infrastructure

And case study participants

Sydney Coastal Councils Group

The project will result in the following outcomes

- Improved understanding of the diversity of criteria used by Local Government (LG) in coastal management decision-making and their relative importance;
- Enhanced ability of coastal decision makers to evaluate and act on social, economic and environmental interests at the LG scale
- Improved capacity for coastal decision makers to understand the implications of their climate change response decisions; and
- Improved engagement of end users in the understanding of coastal climate change issues and in the development of practical tools to assist coastal decision-making in response to climate change

Sydney Coastal Councils Group

Multi-Criteria Analysis (MCA)

- Decision-evaluation process
- Reflects how actors make decisions in the real world:
 - Economic/financial considerations
 - Governance considerations
 - Social considerations
 - Environmental considerations
- MCA evaluates a series of potential actions based on:
 - Identified criteria x criteria weights = performance
 - This evaluation can be conducted over space and time
- Our project will develop increasingly complex approaches to MCA

Sydney Coastal Councils Group

MCA Example

Adaptation Decision Matrix

Options	Criteria	Weight	Score	Weighted Score	Total Score
Option 1	Criterion 1	1.0	1.0	1.0	1.0
Option 2	Criterion 1	1.0	2.0	2.0	2.0
Option 3	Criterion 1	1.0	3.0	3.0	3.0
Option 4	Criterion 1	1.0	4.0	4.0	4.0
Option 5	Criterion 1	1.0	5.0	5.0	5.0
Option 6	Criterion 1	1.0	6.0	6.0	6.0
Option 7	Criterion 1	1.0	7.0	7.0	7.0
Option 8	Criterion 1	1.0	8.0	8.0	8.0
Option 9	Criterion 1	1.0	9.0	9.0	9.0
Option 10	Criterion 1	1.0	10.0	10.0	10.0

(Morse et al., 1998)

Using Analysis Results

- The MCA seeks to achieve a number of outputs:
 - Optimisation among a range of plausible coastal adaptation strategies for the SCCG region
 - Identification of optimal strategies for specific locations
 - Identification of optimal strategies over different time horizons
 - Assessment of uncertainty associated with different stakeholder attitudes
 - Comparison of local government values with coastal policies

[Slides courtesy of Dr Ben Preston]



UPDATE

Identified regional case study project partners- Sunshine Coast Regional Council; Bega Valley Regional Council were selected;
Public launch of the 3 CAP projects and Scoping Workshop for this project was held in Sydney on 15/11/11 with SCCG members and project associates (total 40 attendees). All project partners, data providers and case study representatives were present;
Launch of online survey for participants occurred 15/11/11 and runs until 7/12/11-
Currently securing licencing agreements and MoUs with key data providers in order to secure quality GIS datasets to integrate into the MCA software tool-
Literature review currently underway and led by USC;
SCCG assisting securing relevant qualitative data sets for the literature review;
SCCG assisting securing relevant quantitative datasets for the MCA software tool.



2. Demonstrating Climate Change Adaptation of Interconnected Water Infrastructure Project

This project aims to undertake the necessary research to develop information, guidance and capacity building activities to ensure that organizations responsible for managing water infrastructure are able to implement appropriate asset management systems in a changing climate.



Objectives

Identify the range of existing interconnected Council and Sydney Water infrastructure that is vulnerable to direct and indirect impacts of climate change
Assess the long-term triggers, investment requirements and appropriate investment quantum for a range of infrastructure types (case study sites will be selected in conjunction with the Department)
Report on adaptation strategies, issues, barriers and opportunities and test the adaptation responses through the case studies
Produce guidance and frameworks that assist asset managers mitigate the impacts of climate change on water infrastructure
Undertake community consultation to identify expectations on utility provision in response to climate change and develop tools and strategies for communication.



Partners

Sydney Water Corporation
Office of Environment & Heritage, NSW Department of Premier and Cabinet



UPDATE

Finalisation of the literature review and project plan by WRL- Complete;
A request for case studies was circulated amongst SCCG members in November-
Selection Panel currently reviewing case studies- selections will be made shortly
Consultancy engagement- early in new year
Series of workshops with case study stakeholders
February - April 2012



3. Assessment and Decision frameworks for existing Seawalls

The project will assist Local and State Governments to evaluate the robustness and condition of existing seawalls for coastal climate change protection and outline possible options for further upgrades.

Templates will be developed for assessing suitability, monitoring and maintenance, to determine investment strategies for coastal defences.



Objectives

1. To assist Local and State Government evaluate the robustness and condition of existing seawalls of unknown construction and quality; including identifying/quantifying what exists (for certification if appropriate)
2. Defining likely future changes to design conditions and outlining possible options for further upgrades.
3. Development of templates for assessing suitability, monitoring and maintenance, to determine investments strategies and business cases for sea defence structures through an asset register.

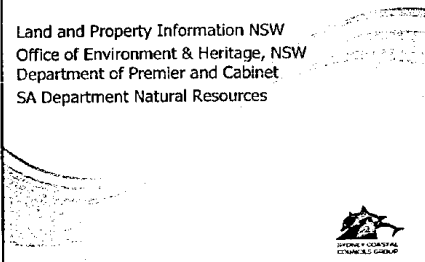
Partners

Coastal Management Pty Ltd (Doug Lord)
Griffith University Centre for Coastal Management (Prof. Rodger Tomlinson)



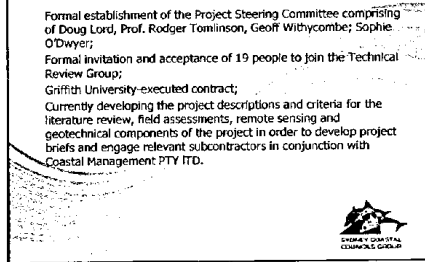
In Principal Support

Land and Property Information NSW
Office of Environment & Heritage, NSW
Department of Premier and Cabinet
SA Department Natural Resources



UPDATE

Formal establishment of the Project Steering Committee comprising of Doug Lord, Prof. Rodger Tomlinson, Geoff Withycombe; Sophie O'Dwyer;
Formal invitation and acceptance of 19 people to join the Technical Review Group;
Griffith University-executed contract;
Currently developing the project descriptions and criteria for the literature review, field assessments, remote sensing and geotechnical components of the project in order to develop project briefs and engage relevant subcontractors in conjunction with Coastal Management PTY LTD.



For Further Information Contact

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Council Meeting

**10.0 Adoption of Community, Recreation and Economic
Development Committee Recommendations**

**11.0 Adoption of Natural Environment Committee
Recommendations**

12.0 Councillor Questions

Confidential

"Commercial in Confidence"

Advice

Tender T03/11 Supply and Installation of Pay & Display Parking Ticket Machines and Central Management System.
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CONFIDENTIAL 'COMMERCIAL IN CONFIDENCE' ADVICE

Item No: C7.1

Matter: Tender T03/11 Supply and Installation of Pay & Display Parking Ticket Machines and Central Management System.
Tender Evaluation

From: Jeff Lofts
MANAGER – ENVIRONMENTAL COMPLIANCE

Meeting: Council

Date: 6 February 2012

The abovementioned matter is listed as Item No. C7.1 in Open Session in the Agenda.

The detailed analysis of the tenders is attached.

Jeff Lofts
MANAGER – ENVIRONMENTAL COMPLIANCE

TENDER T03/11

SUPPLY AND INSTALLATION OF PAY AND DISPLAY PARKING TICKET MACHINES AND CENTRAL MANAGEMENT SYSTEM

1.0 SCOPE OF WORKS

The scope for this project is to replace thirty four (34) Pay & Display Parking Machines and provision of a Central Management System.

2.0 TENDERS RECEIVED

Five (5) tenders were received via Tenderlink and duly registered by Council.

All tenders were checked arithmetically and in order were as follows:

Contractor	Tender	Ranking
Integrated Technology Services Pty Ltd	\$ 306,526.00	1
CDS Worldwide Pty Ltd	\$ 422,037.00	2
TMA Tech Pty Ltd	\$ 454,678.00	3
Australian Parking and Revenue Control	\$ 533,970.00	4
Duncan Solutions	\$ 695,222.00	5

3.0 TENDER EVALUATION

- 3.1 The lowest price tender received from Integrated Technology Services Ltd for the supply and installation of Pay and Display parking ticket machines and central management system in the amount of \$ 306,526.00 is not recommended for acceptance for reasons:-

- Whilst more than price competitive, the tender submission did not contain sufficient information to properly allow the panel to score the proposal in some key areas.
- Information regarding network infrastructure was insufficient.
- Financial information provided was insufficient.
- The panel assessed the tenderer's proposed communications carrier as potentially risky
- Credit card transaction fees were levied by the tenderer for each transaction.

- 3.2 The second lowest tender received from CDS Worldwide Pty Ltd in the amount of \$ 422,037.00 is not recommended for acceptance.

- Whilst more than price competitive, the tender submission did not contain sufficient information to properly allow the panel to score the proposal in some key areas.
- Insufficient financial and insurance information was provided.
- 12 months warranty was offered on all components in place of the required 24 month warranty
- Information regarding network infrastructure was insufficient.
- Credit card transaction fees were levied by the tenderer for each transaction.

3.3 The third lowest tender received from TMA Tech Pty Ltd in the amount of \$ 454,678.00 is not recommended for acceptance.

- The tender did not meet specification in some key areas the areas
- The works program was not provided
- Network information was not provided.
- The design of the parking machine offered was felt to be unsuitable in comparison to other offerings.
- Credit card transaction fees were levied by the tenderer for each transaction.
- The panel identified potential risks and concerns in its review of the infrastructure of the network and central management system.

3.4 The fourth lowest tender received from Australian Parking and Revenue Control in the amount of \$ 533,970.00 is not recommended for acceptance.

- The tender documents submitted did not contain sufficient information to properly allow the panel to score the proposal in some key areas.
- Financial and insurance information was insufficient.
- The works program provided indicated the tenderer could not supply within the required time frame and was significantly longer than other tenderers
- The panel identified potential risks and concerns in its review of the infrastructure of the network and central management system.

3.5 The fifth lowest tender received from Duncan Solutions Pty Ltd in the amount of \$ 695,222.00 is not recommended for acceptance.

- The tender documents submitted omitted some financial information.
- Pricing in all aspects of the offer were uncompetitive.
- Credit card processing fees included ongoing monthly and individual transaction fees.
- Key components of the parking machine did not meet the required specification
- The required works program for the installation of new equipment was not provided.
- The proposal indicated the tenderer could not supply within the required time frame
- The panel identified potential risks and concerns in its review of past performance and quality assurance.

	ITS	APARCS	CDS
TOTAL LUMP SUM UPFRONT INSTALLATION COSTS (34 units and Central Management System)	\$261,646.00	\$337,950.00	\$293,337.00
RANKING	1	4	2
TOTAL ONGOING MONTHLY FEES	\$654.50	\$3,267.00	\$2,145.00
RANKING	1	4	3
TOTAL OTHER FEES & CHARGES	\$5,610.00	\$0.00	\$0.00
SUMMARY OF CHARGES			
Upfront Installation Costs excl. Central Management System	\$260,551.50	\$337,950.00	\$293,337.00
Purchase and Installation for Central Management System	\$1094.50	\$0.00	\$0.00
Ongoing Monthly Fees - During 5 Year Contract Period	\$39,270.00	\$196,020.00	\$128,700.00
Other Fees & Charges	\$5,610.00	\$0.00	\$0.00
TOTAL FEES & CHARGES - TERM OF CONTRACT	\$306,526.00	\$533,970.00	\$422,037.00
OVERALL RANKING	1	4	2
WEIGHTING	15.00	8.61	10.89

Other Indicative Information

Parking Machine per unit - Post Initial Installation	\$7,837.50	\$9,225.00	\$8,772.50
Casual Supply Post Initial Install of up to 10 x Units	\$78,375.00	\$92,250.00	\$87,725.00
Programming Fee per hour	\$165.00	\$121.00	\$181.50
Hardware/Software & Communication EMV Upgrades (One Off)	\$0.00	\$68,000.00	\$67,320.00
Hardware/Software & Communication EMV Upgrades (Monthly)	\$0.00	\$0.00	\$385.00

* Credit Card Transaction Fee - Based upon total of 60,000 credit card transactions per year across all units.

ATTACHMENT 2

PITTWATER COUNCIL EVALUATION SCORE SHEET

Supply and installation of Pay and Display parking machines

Criteria	Response/ clause to be evaluated	Weighting or Pass/Fail	Duncan Solutions Pty Ltd	Integrated Technology Services Pty Ltd	CDS Worldw Pty Ltd
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			Score	Total	Score	Total	Score	Total
Completion of all nominated forms,	All forms		Fail		Fail		Fail	

procedures								
Environmental Sustainability	Form 9	5%	50	3	60	3	50	
Anticipated subcontractors	Form 11	5%	80	4	90	5	80	
Technology and Infrastructure	Form 12	20%	55	11	40	8	55	
Proposed methodology and works program	Form 13	10%	30	3	60	6	50	
TOTAL			56.61		67		65.89	

<p style="text-align: center;">Tender RFT 2011/114</p> <p style="text-align: center;">Supply and Delivery of Road Construction Services and Materials.</p>
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CONFIDENTIAL 'COMMERCIAL IN CONFIDENCE' ADVICE

Item No:	C7.2
Matter:	Tender RFT 2011/114 Supply and Delivery of Road Construction Services and Materials. Tender Evaluation
From:	Mark Shaw MANAGER – URBAN INFRASTRUCTURE
Meeting:	Council
Date:	6 February 2012

The abovementioned matter is listed as Item No.C7.2 in Open Session in the Agenda.

The detailed analysis of the tenders is attached.

Mark Shaw
MANAGER – URBAN INFRASTRUCTURE

TENDER RFT 2011/114 SUPPLY AND DELIVERY OF ROAD CONSTRUCTION SERVICES AND MATERIALS
--

1.0 SCOPE OF WORKS

- 1.1 The scope of works required under the Tender is as follows: The work to be executed under this contract consists of asphaltic concrete resurfacing, bitumen spray sealing, pavement stabilisation, pavement rejuvenation, crack sealing and pavement milling. These required works are part of Council's asset renewal program involving annual reconstruction and maintenance program funded from Council's own funding sources and external grants such as Roads to Recovery Program, RTA Regional Road Block Grants and Financial assistance Grants (FAG).

2.0 TENDERS RECEIVED

The tender closing date was Friday 18 November 2011 at 2:00pm. Ten (10) tenders in total were received from:

- 1) Ally Civil
- 2) Boral Asphalt
- 3) Downer EDI Works Pty Ltd
- 4) Fulton Hogan Industries Pty Ltd
- 5) National Road Sealing
- 6) Ozpave (Australia) Pty Ltd
- 7) Roadworx Surfacing Pty Ltd
- 8) SRS Road Pty Ltd
- 9) Stabilised Pavements of Australia Pty Ltd
- 10) Super Sealing Pty Ltd

The Tender pricing break-up is provided in a separate attachment (Annexure A) to be provided which contains the detailed scoring.

3.0 TENDER EVALUATION

Tenders were evaluated by an evaluation panel comprising representatives from all member councils and SHOROC staff. The Consultant, Complete Urban assessed the price schedules and participated in quantitative analysis stage of the tender evaluation only.

Role	Name	Organisation
Chair	Tham Sivarasa	Warringah Council
Member	Shan Nadesan	Manly Council
Member	Michael Limnos	Mossman Council
Member	Roy Einarsen	Pittwater Council
Independent	Paul Halim	Warringah Council (Non Vote)
Observer	Andrea Tattam	SHOROC
Member	Peter Shields	Complete Urban – (Non Vote) Expert Advisor

The Tender Evaluation Plan was prepared and agreed by the Evaluation Panel. The Tender Evaluation Panel members met to collectively assess and score tenders on 22 November 2011. As per the Evaluation Plan, the evaluation was conducted in three (3) stages as follows;

3.1 Stage 1: Initial Cull

An initial review was conducted by the Evaluation Panel to identify any non-conforming Tenders that failed to meet the following mandatory schedule requirements as shown in table 1 below:

TABLE 1

No	Schedule
1	Tender Form
2	Non Compliance And Qualifications
3	GIPA Government Information Public Act 2009(NSW) (GIPA Act)
4	Information Regarding Tenderer's Organisation
4.1	Business Information
4.2	Financial Information
4.3	Performance Information
5	Compliance with Industrial Relations
6	Tenderer's quality assurance system and procedures
7	Compliance with Occupational Health and Safety legislation and requirements
8	Environmental legislation and requirements.
9	Personnel
10	Tenderer's Conflicts Of Interest And Fair Dealing
11	Subcontractors and Consultants
12	Insurances
13	Proposed Methodology
14	Additional Information
15	Payment Schedule

All ten Tenderers completed all the mandatory schedules. The Evaluation Panel decided that all ten tender submissions satisfied the Stage 1 requirements.

3.2 Stage 2: Detailed Evaluation of Tenders

The evaluation criteria and weighting comprised of the following:

- Price (60%)
- Referees (10%)
- Quality Assurance (5%)
- OH&S (10%)
- Ecological Sustainable Development (10%)
- Customer Service (5%)

All ten Tenders underwent a detailed examination by the evaluation panel of their responses to the scored criteria and required information.

The evaluation panel used a rating scale to score its level of confidence that the Tenderer can achieve the contractual requirements based on assessment of strengths and weaknesses of the response.

The following assessable criteria were given a 70% pass rating:

1. Tenderer's business information and demonstrated past experience of the Tenderer in carrying out and completing works similar to the Road Construction Services and Materials Panel, and history of disputes relating to those works.
2. Tenderer's quality assurance system and procedures.
3. Qualifications and demonstrated past experience of the Tenderer's key personnel including key personnel of subcontractors.
4. Tenderer's understanding of the Road Construction Services and Materials Panel and proposed method for performing and reporting the Road Construction Services and Materials Panel.

The evaluation panel members assessed and scored each tender submission collectively and decided on the score for each Tenderer. The result of this assessment was as follows:

TABLE 2

Evaluation Summary										
RFT 2011/114 - PROVISION OF ROAD CONSTRUCTION SERVICES AND MATERIALS PANEL TENDER										
Criteria	Respondents									
	Ally Civil	Boral Asphalt	Downer EDI Works Pty Ltd	Fulton Hogan Industries Pty Ltd	National Road Sealing	Ozpave (Australia) Pty Ltd	Roadworx Surfacing Pty Ltd	SRS Road Pty Ltd	Stabilised Pavements of Australia Pty Ltd	Super Sealing Pty Ltd
Departures and Qualifications (Schedule F2)	P	P	P	P	P	P	P	P	P	P
GIPA Government Information Public Act 2009(NSW) (GIPA Act) (Schedules F3)	P	P	P	P	P	P	P	P	P	P
Tenderer's financial Information (Schedules F4.2)	P	P	P	P	P	P	P	P	P	P
Compliance with Industrial Relations (Schedules F5)	P	P	P	P	P	P	P	P	P	P
Compliance with Occupational Health and Safety legislation and requirements (Schedule F7)	P	P	P	P	P	P	P	P	P	P
Environmental legislation and requirements (Schedules F8)	P	P	P	P	P	P	P	P	P	P
Tenderer's Conflict of Interest and Fair Dealing (Schedules F10)	P	P	P	P	P	P	P	P	P	P
Insurances (Schedule F12)	P	P	P	P	P	P	P	P	P	P
Scored Criteria (Score out of 100)										
REFERENCES Tenderer's Business Information and Demonstrated past experience of the Tenderer in carrying out and completing works similar to the Road Construction Services and Materials Panel and history of disputes relating to those works (Schedule F4.1 and F4.3)	60	90	95	90	70	90	40	90	90	90
QUALITY ASSURANCE Tenderer's quality assurance system and procedures (Schedule F6)	80	90	90	80	70	90	40	90	80	90
CUSTOMER SERVICE Qualifications and demonstrated past experience of the Tenderer's key personnel including key personnel of subcontractors (Schedules F9 and F11)	70	90	90	70	80	90	70	80	80	80
QUALITY ASSURANCE / OH&S Tenderer's understanding of the Road Construction Services and Materials Panel and proposed method for performing and reporting the Road Construction Services and Materials Panel (Schedule F13)	40	70	70	70	70	70	30	70	70	90
Outcome	F	P	P	P	P	P	F	P	P	P

Two tenderers had not satisfied the assessable criteria of the tender and were not considered further. These tenders are

- Roadworx Surfacing Pty Ltd
- Ally Civil Pty Ltd.

Roadworx Surfacing Pty Ltd did not provide adequate proof of experience and documentation for the tendered works nor did they support their quality assurance system policy with the required supporting documentation as stipulated by the tender. No details were provided in terms of their understanding of the proposed methodology and reporting under the tender.

Ally Civil Pty Ltd failed to provide adequate detail to demonstrate that their past experience is similar in scale or value of the tendered works. The Evaluation Panel concluded that Ally Civil possesses minimal capability and experience in similar scale of tendered works.

Eight (8) Tenderers achieved the minimum acceptable score of 70% or above for all the scored criteria. The Evaluation Panel decided that the following eight (8) Tender submissions satisfied the Stage 2 requirements.

- 1) Boral Asphalt
- 2) Downer EDI Works Pty Ltd
- 3) Fulton Hogan Industries Pty Ltd
- 4) National Road Sealing
- 5) Ozpave (Australia) Pty Ltd
- 6) SRS Road Pty Ltd
- 7) Stabilised Pavements of Australia Pty Ltd
- 8) Super Sealing Pty Ltd

3.3 Stage 3

The panel tender was determined to provide the SHOROC group of Councils with a value for money outcome. Each Council will determine individually which contractor and schedule of rates will best provide the value for money for their specific project.

The Evaluation Panel analysed the price schedules carefully and concluded that the all eight (8) Tenders' schedule of rates are comparative with others and reasonable with current industry rates for their respective sub-panels.

Warringah Council checked the references of these recommended Tenderers and all of them received a satisfactory reference.

3.4 Capability and Track Record / Experience

All qualifying tenderers were assessed to be capable in their respected field of specialisation and cross-referenced to the particular schedules they were tendering for, in which there were six (6) sub-panels in total. Further description is detailed in Table 3 (below).

The contract is for a period of three years with the option of a two (2), 1 year extensions and consists of the following sub-panels:

TABLE 3

Schedule	Contractor
Sub-Panel 1 – Stabilisation of Road Pavements	<ul style="list-style-type: none"> • Downer EDI Works Pty. Ltd. • Stabilised Pavements of Australia Pty. Ltd.
Sub-Panel 2 – Bitumen Sprayed Seal Works on Road	<ul style="list-style-type: none"> • Downer EDI Works • SRS Road Services Pty. Ltd. • Stabilised Pavements of Australia Pty. Ltd.
Sub-Panel 3 – Asphaltic Concrete	<ul style="list-style-type: none"> • Boral Asphalt Pty. Ltd. • Downer EDI Works • Fulton Hogan Industries Pty. Ltd. • OZPAVE (Australia) Pty. Ltd. • SRS Road Services Pty. Ltd.
Sub-Panel 4 – Cold Milling of Asphalt and Base Course	<ul style="list-style-type: none"> • Boral Asphalt Pty. Ltd. • Downer EDI Works • OZPAVE (Australia) Pty. Ltd. • Stabilised Pavements of Australia Pty. Ltd.
Sub-Panel 5 – Crack Sealing of Road	<ul style="list-style-type: none"> • Downer EDI Works • National Road Sealing Pty. Ltd. • SRS Road Services Pty. Ltd. • Super Sealing Pty. Ltd.
Sub-Panel 6 – Pavement Rejuvenation	<ul style="list-style-type: none"> • Downer EDI Works • SRS Road Services Pty. Ltd.

3.5 Comments on Tender Evaluation

- The combined SHOROC Tender was initiated by four member Councils (Pittwater Council, Manly Council Warringah and Mosman Council) focused on gaining value for money by testing the market for the supply of minor civil works.
- All Tenderers lodged conforming Tenders. Tenderers Ally Civil Pty Ltd and Roadworx Surfacing Pty Ltd were eliminated from the evaluation process due to poor scoring in the areas of past experience, methodology and quality assurance.
- Tenderers provided rates for schedule items (categories) for their area of specialization.

4.0 FINAL ANALYSIS AND RECOMMENDATION

At the conclusion of the Tender evaluation, eight of the ten Tenderers provided confirming Tenders and associated rates for their nominated sub-panels. As this is a Panel source Tender to all four participating SHOROC Councils, all confirming tenderers are accepted as outlined below for their respected schedules.

Sub-Panel 1 – Stabilisation of Road Pavement

- 1) Downer EDI Works; and
- 2) Stabilised Pavement Australia

Sub-Panel 2 – Bitumen Sprayed Seal Works on Road

- 1) Downer EDI Works
- 2) SRS Road Services; and
- 3) Stabilised Pavement Australia.

Sub-Panel 3 – Asphaltic Concrete

- 1) Boral Asphalt;
- 2) Downer EDI Works;
- 3) Fulton Hogan Services;
- 4) Ozpave Australia; and
- 5) SRS Road Services

Sub-Panel 4 – Cold Milling of Asphalt and Base Course

- 1) Boral Asphalt;
- 2) Downer EDI Works;
- 3) Ozpave Australia; and
- 4) Stabilised Pavement Australia.

Sub-Panel 5 – Crack Sealing of Road

- 1) Downer EDI Works;
- 2) National Road Sealing;
- 3) SRS Road Services; and
- 4) Super Sealing.

Sub-Panel 6 – Pavement Rejuvenation

The Tender Evaluation Panel concluded that;

- 1) Downer EDI Works; and
- 2) SRS Road Services

5.0 FINANCIAL ASSESMENT

The financial viability of recommended Tenders was established through Corporate Scorecard Pty Ltd. All the selected Tenderers satisfied the financial viability requirements.

The rates offered by the eight recommended confirming tenderers are within the range, which is deemed to be commercially appropriate.



Tender Evaluation

Section 1: Tender Details

Good/Service: Stabilisation

Date of Assessment: 23-Nov-11

Specification: Aus-Spec 1113 & 1114

Assessment Team: BT, PS

Section 2: Rates Tendered

No	Tender Item	Unit	Ally Civil	Downer Edi	Roadworx	SPA
0	MANDATORY RATES					
0.01	Extra Over Rate for Additional Traffic Controller (where more than 3	\$ / shift /	\$ 400.00	\$ 55.00	\$ 540.00	\$ 750.00
0.02	Parking Patrol Fee- 2 people for 16 hours prior to works commencing	\$ / work site	\$ 2,880.00	\$ 2,250.00	\$ 2,055.00	\$ 2,250.00
0.03	Parking Patrol Fee- rate is for 2 people providing service for an agreed	\$ / hour	\$ 120.00	\$ 145.00	\$ 130.00	\$ 141.00
0.04	Variable Message Board- Supply, install, maintain and remove	\$ / 24hr period	\$ 400.00	\$ 250.00	\$145.00	\$ 300.00
0.05	Variable Message Board- Supply, install, maintain and remove	\$ / week	\$ 1,150.00	\$ 600.00	\$1,015.00	\$ 800.00

Section 2a: Rates Tendered (RATES FOR SITES 500M2 TO 2000M2 (EX gst))

No	Tender Item	Unit	Ally Civil	Downer Edi	Roadworx	SPA
1	CEMENT STABILISATION:					
1.01	To initially tyre, supply and spread Type A Cement at 4% by weight mix	\$ / m ²	\$ 50.00	\$ 20.22	\$ 15.61	\$ 23.32
1.02	Variation for increase in stabilisation depth for each 25 mm	\$ / m ²	\$ 10.00	\$ 0.41	\$ 0.75	\$ 0.93
1.03	Variation for reduction in cement content per percentage	\$ / m ²	\$ 5.00	\$ 0.55	\$ 0.73	\$ 0.71
1.04	Variation for increase in cement content per percentage	\$ / m ²	\$ 5.00	\$ 0.55	\$ 0.73	\$ 0.71
1.1	LIME STABILISATION:					
1.11	To initially tyre, supply and spread Lime at 4% by weight mix to a depth	\$ / m ²	\$ 52.00	\$ 19.56	\$ 16.06	\$ 23.04
1.12	Variation for increase in stabilisation depth for each 25 mm	\$ / m ²	\$ 10.00	\$ 0.39	\$ 0.84	\$ 0.88
1.13	Variation for reduction in lime content per percentage - \$ / m ²	\$ / m ²	\$ 5.00	\$ 0.51	\$ 0.84	\$ 0.65
1.14	Variation for increase in lime content per percentage	\$ / m ²	\$ 5.00	\$ 0.51	\$ 0.84	\$ 0.65
1.2	BITUMEN - FOAM BITUMEN STABILISATION					
1.21	To initially tyre, supply and add Bitumen at 3% by weight mix and 1.5%	\$ / m ²	\$ 55.00	\$ 31.22	\$ 55.00	\$ 39.05
1.22	Variation for increase in stabilisation depth for each 25 mm	\$ / m ²	\$ 10.00	\$ 4.39	\$ 10.00	\$ 3.30
1.23	Variation for reduction in foam bitumen content per percentage	\$ / m ²	\$ 5.00	\$ 8.24	\$ 5.00	\$ 3.89
1.24	Variation for increase in foam bitumen content per percentage	\$ / m ²	\$ 5.00	\$ 8.24	\$ 5.00	\$ 3.89
1.3	Spreading of Council supplied road base or fine crushed rock over the	\$ / tone	\$ 100.00	\$ 42.26	\$ 100.00	\$ 98.94
1.4	EXCAVATE RAP AND DISPOSAL BY CONTRACTOR					
1.41	Excavation of an existing flexible pavement (suited for RAP) with loading	\$ / m ³	\$ 420.00	\$ 228.29	\$ 215.66	\$ 243.78
1.43	Additional surcharge for tipping from 5pm-7am*	\$ / m ³	\$ 80.00	\$ 33.43	\$ 194.09	\$ 43.89
1.5	EXCAVATE NON-RAP AND DISPOSAL BY CONTRACTOR					
1.51	Excavation of an existing flexible pavement (not suited for RAP) with	\$ / m ³	\$ 440.00	\$ 361.74	\$ 425.66	\$ 395.40
1.52	Additional charge for tipping from 5pm-7am*	\$ / m ³	\$ 80.00	\$ 115.12	\$ 383.09	\$ 119.70
1.6	EXCAVATE AND TRANSPORT BY CONTRACTOR					
1.61	Excavate, load and cart material from site to a nominated site within the	\$ / m ³	\$ 360.00	\$ 158.79	\$ 187.66	\$ 156.00
1.7	PRE-CONSTRUCTION TESTING FOR MIX DESIGN					
1.71	For cement and lime stabilisation - Collect sample from borehole,	\$ / site	\$ 2,100.00	\$ 5,000.00	\$ 2,000.00	\$ 6,517.00
1.72	For bitumen foam stabilisation - inclusive of all work & cost to prepare	\$ / site	\$ 2,100.00	\$ 6,000.00	\$ 13,167.00	\$ 13,167.00
1.8	RATES APPLICABLE TO STABILISATION WORKS					
1.81	Pre-pulverise existing road surface into pavement with profiler (to max	\$ / m ²	\$ 45.00	\$ 13.92	\$ 10.43	\$ 10.87
1.82	Week night or week end surcharge	\$ / shift	\$ 320.00	\$ 4,202.10	\$ 3,000.00	\$ 7,281.95
1.83	Supply and install traffic signal loops (per lane loops (up to 10m in length)	\$ / loop	\$ 1,200.00	\$ 950.00	\$ 1,200.00	\$ 1,000.00
1.84	OPTIONAL TENDER ITEM - We have attached rates for the adjustment	Yes / No	No	Yes ZLuri Price List	No	Yes

Section 2b: Rates Tendered (RATES FOR SITES GREATER THAN 2000m2 (EX gst))						
No	Tender Item	Unit	Ally Civil	Downer Edl	Roadworx	SPA
1	CEMENT STABILISATION:					
1.01	To initially tyre, supply and spread Type A Cement at 4% by weight mix	\$/ m ²	\$ 48.00	\$ 9.15	\$ 10.53	\$ 17.53
1.02	Variation for increase in stabilisation depth for each 25 mm	\$/ m ²	\$ 10.00	\$ 0.41	\$ 0.72	\$ 0.70
1.03	Variation for reduction in cement content per percentage	\$/ m ²	\$ 5.00	\$ 0.62	\$ 0.73	\$ 0.54
1.04	Variation for increase in cement content per percentage	\$/ m ²	\$ 5.00	\$ 0.62	\$ 0.73	\$ 0.54
1.1	LIME STABILISATION:					
1.11	To initially tyre, supply and spread Lime at 4% by weight mix to a depth	\$/ m ²	\$ 50.00	\$ 9.01	\$ 11.04	\$ 17.32
1.12	Variation for increase in stabilisation depth for each 25 mm	\$/ m ²	\$ 10.00	\$ 0.31	\$ 0.84	\$ 0.66
1.13	Variation for reduction in lime content per percentage - \$..... / m ²	\$/ m ²	\$ 5.00	\$ 0.64	\$ 0.84	\$ 0.49
1.14	Variation for increase in lime content per percentage	\$/ m ²	\$ 5.00	\$ 0.64	\$ 0.84	\$ 0.49
1.2	BITUMEN - FOAM BITUMEN STABILISATION					
1.21	To initially tyre, supply and add Bitumen at 3% by weight mix and 1.5%	\$/ m ²	\$ 53.00	\$ 25.71	\$ 53.00	\$ 29.36
1.22	Variation for increase in stabilisation depth for each 25 mm	\$/ m ²	\$ 10.00	\$ 0.58	\$ 10.00	\$ 2.48
1.23	Variation for reduction in foam bitumen content per percentage	\$/ m ²	\$ 5.00	\$ 6.33	\$ 5.00	\$ 2.93
1.24	Variation for increase in foam bitumen content per percentage	\$/ m ²	\$ 5.00	\$ 6.33	\$ 5.00	\$ 2.93
1.3	Spreading of Council supplied road base or fine crushed rock over the	\$/ tonne	\$ 90.00	\$ 35.49	\$ 90.00	\$ 74.39
1.4	EXCAVATE RAP AND DISPOSAL BY CONTRACTOR					
1.41	Excavation of an existing flexible pavement (suited for RAP) with loading	\$/ m ³	\$ 400.00	\$ 169.95	\$ 157.18	\$ 183.29
1.43	Additional surcharge for tipping from 5pm-7am*	\$/ m ³	\$ 80.00	\$ 24.36	\$ 141.46	\$ 33.00
1.5	EXCAVATE NON-RAP AND DISPOSAL BY CONTRACTOR					
1.51	Excavation of an existing flexible pavement (not suited for RAP) with	\$/ m ³	\$ 420.00	\$ 373.35	\$ 367.19	\$ 297.29
1.52	Additional charge for tipping from 5pm-7am*	\$/ m ³	\$ 80.00	\$ 108.61	\$ 330.47	\$ 90.00
1.6	EXCAVATE AND TRANSPORT BY CONTRACTOR					
1.61	Excavate, load and cart material from site to a nominated site within the	\$/ m ³	\$ 340.00	\$ 87.30	\$ 140.51	\$ 117.29
1.7	PRE-CONSTRUCTION TESTING FOR MIX DESIGN					
1.71	For cement and lime stabilisation - Collected sample from borehole,	\$/ site	\$ 2,600.00	\$ 6,500.00	\$ 2,500.00	\$ 4,900.00
1.72	For bitumen foam stabilisation - inclusive of all work & cost to prepare	\$/ site	\$ 2,600.00	\$ 8,000.00	\$ 9,900.00	\$ 9,900.00
1.8	RATES APPLICABLE TO STABILISATION WORKS					
1.81	Pre-pulverise existing road surface into pavement with profiler (to max	\$/ m ²	\$ 43.00	\$ 5.36	\$ 6.43	\$ 8.17
1.82	Week night or week end surcharge	\$/ shift	\$ 320.00	\$ 5,361.30	\$ 3,500.00	\$ 5,475.15
1.83	Supply and install traffic signal loops (per lane loops (up to 10m in length)	\$/ loop	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,000.00
1.84	OPTIONAL TENDER ITEM - We have attached rates for the adjustment	Yes / No	No	Yes	No	Yes

Section 3: Rate Evaluation						
No	Tender Item	Volume	Ally Civil	Downer Edi	Roadworx	SPA
0	MANDATORY RATES					
0.01	Extra Over Rate for Additional Traffic Controller (where more than 3	5	\$ 2,000.00	\$ 275.00	\$ 2,700.00	\$ 3,750.00
0.02	Parking Patrol Fee – 2 people for 16 hours prior to works commencing.	3	\$ 8,640.00	\$ 6,750.00	\$ 6,165.00	\$ 6,750.00
0.03	Parking Patrol Fee – rate is for 2 people providing service for an agreed	16	\$ 1,920.00	\$ 2,320.00	\$ 2,080.00	\$ 2,256.00
0.04	Variable Message Board – Supply, install, maintain and remove	8	\$ 3,200.00	\$ 2,000.00	\$ 1,160.00	\$ 2,400.00
0.05	Variable Message Board – Supply, install, maintain and remove	3	\$ 3,450.00	\$ 1,800.00	\$ 3,045.00	\$ 2,400.00
<i>Subtotal</i>	<i>Mandatory Rates - Annual Cost</i>		\$ 19,210.00	\$ 13,145.00	\$ 15,150.00	\$ 17,556.00
1A	STABILISATION - Works less than 2000m2					
1.0	CEMENT STABILISATION:					
1.01	To initially tyne, supply and spread Type A Cement at 4% by weight mix	2000	\$ 100,000.00	\$ 40,440.00	\$ 31,220.00	\$ 46,640.00
1.02	Variation for increase in stabilisation depth for each 25 mm	4000	\$ 40,000.00	\$ 1,640.00	\$ 3,000.00	\$ 3,720.00
1.03	Variation for reduction in cement content per percentage	2000	\$ 10,000.00	\$ 1,100.00	\$ 1,460.00	\$ 1,420.00
1.04	Variation for increase in cement content per percentage	1000	\$ 5,000.00	\$ 550.00	\$ 730.00	\$ 710.00
1.1	LIME STABILISATION:					
1.11	To initially tyne, supply and spread Lime at 4% by weight mix to a depth	2000	\$ 104,000.00	\$ 39,120.00	\$ 32,120.00	\$ 46,080.00
1.12	Variation for increase in stabilisation depth for each 25 mm	4000	\$ 40,000.00	\$ 1,560.00	\$ 3,360.00	\$ 3,520.00
1.13	Variation for reduction in lime content per percentage - \$ / m ²	500	\$ 2,500.00	\$ 255.00	\$ 420.00	\$ 325.00
1.14	Variation for increase in lime content per percentage	700	\$ 3,500.00	\$ 357.00	\$ 588.00	\$ 455.00
1.2	BITUMEN - FOAM BITUMEN STABILISATION					
1.21	To initially tyne, supply and add Bitumen at 3% by weight mix and 1.5%	2000	\$ 110,000.00	\$ 62,440.00	\$ 110,000.00	\$ 78,100.00
1.22	Variation for increase in stabilisation depth for each 25 mm	4000	\$ 40,000.00	\$ 17,560.00	\$ 40,000.00	\$ 13,200.00
1.23	Variation for reduction in foam bitumen content per percentage	500	\$ 2,500.00	\$ 4,120.00	\$ 2,500.00	\$ 1,945.00
1.24	Variation for increase in foam bitumen content per percentage	700	\$ 3,500.00	\$ 5,768.00	\$ 3,500.00	\$ 2,723.00
1.3	Spreading of Council supplied road base or fine crushed rock over the	100	\$ 10,000.00	\$ 4,226.00	\$ 10,000.00	\$ 9,894.00
1.4	EXCAVATE RAP AND DISPOSAL BY CONTRACTOR					
1.41	Excavation of an existing flexible pavement (suited for RAP) with loading,	300	\$ 126,000.00	\$ 68,487.00	\$ 64,698.00	\$ 73,134.00
1.43	Additional surcharge for tipping from 5pm-7am*	300	\$ 24,000.00	\$ 10,029.00	\$ 58,227.00	\$ 13,167.00
1.5	EXCAVATE NON-RAP AND DISPOSAL BY CONTRACTOR					
1.51	Excavation of an existing flexible pavement (not suited for RAP) with	300	\$ 132,000.00	\$ 108,522.00	\$ 127,698.00	\$ 118,620.00
1.52	Additional charge for tipping from 5pm-7am.*	300	\$ 24,000.00	\$ 34,536.00	\$ 114,927.00	\$ 35,910.00
1.6	EXCAVATE AND TRANSPORT BY CONTRACTOR					
1.61	Excavate, load and cart material from site to a nominated site within the	300	\$ 108,000.00	\$ 47,637.00	\$ 56,298.00	\$ 46,800.00
1.7	PRE-CONSTRUCTION TESTING FOR MIX DESIGN					
1.71	For cement and lime stabilisation – Collect sample from borehole,	10	\$ 21,000.00	\$ 50,000.00	\$ 20,000.00	\$ 65,170.00
1.72	For bitumen foam stabilisation - inclusive of all work & cost to prepare	10	\$ 21,000.00	\$ 60,000.00	\$ 131,670.00	\$ 131,670.00
1.8	RATES APPLICABLE TO STABILISATION WORKS					
1.81	Pre-pulverise existing road surface into pavement with profiler (to max	2000	\$ 90,000.00	\$ 27,840.00	\$ 20,860.00	\$ 21,740.00
1.82	Week night or week end surcharge	2	\$ 640.00	\$ 8,404.20	\$ 6,000.00	\$ 14,563.90
1.83	Supply and install traffic signal loops (per lane loops (up to 10m in length)	4	\$ 4,800.00	\$ 3,800.00	\$ 4,800.00	\$ 4,000.00
<i>Subtotal</i>	<i>Stabilisation Rates - Annual Cost - Works less than 2000m2</i>		\$ 1,022,440.00	\$ 598,391.20	\$ 844,076.00	\$ 733,506.90
1B	STABILISATION - Works greater than 2000m2					
1	CEMENT STABILISATION:					
1.01	To initially tyne, supply and spread Type A Cement at 4% by weight mix	5000	\$ 240,000.00	\$ 45,750.00	\$ 52,650.00	\$ 87,650.00
1.02	Variation for increase in stabilisation depth for each 25 mm	10000	\$ 100,000.00	\$ 4,100.00	\$ 7,200.00	\$ 7,000.00
1.03	Variation for reduction in cement content per percentage	2000	\$ 10,000.00	\$ 1,240.00	\$ 1,460.00	\$ 1,080.00
1.04	Variation for increase in cement content per percentage	3000	\$ 15,000.00	\$ 1,860.00	\$ 2,190.00	\$ 1,620.00
1.1	LIME STABILISATION:					
1.11	To initially tyne, supply and spread Lime at 4% by weight mix to a depth	5000	\$ 250,000.00	\$ 45,050.00	\$ 55,200.00	\$ 86,600.00
1.12	Variation for increase in stabilisation depth for each 25 mm	10000	\$ 100,000.00	\$ 3,100.00	\$ 8,400.00	\$ 6,600.00
1.13	Variation for reduction in lime content per percentage - \$ / m ²	2000	\$ 10,000.00	\$ 1,280.00	\$ 1,680.00	\$ 980.00
1.14	Variation for increase in lime content per percentage	3000	\$ 15,000.00	\$ 1,920.00	\$ 2,520.00	\$ 1,470.00
1.2	BITUMEN - FOAM BITUMEN STABILISATION					
1.21	To initially tyne, supply and add Bitumen at 3% by weight mix and 1.5%	5000	\$ 265,000.00	\$ 128,550.00	\$ 265,000.00	\$ 146,800.00
1.22	Variation for increase in stabilisation depth for each 25 mm	10000	\$ 100,000.00	\$ 5,800.00	\$ 100,000.00	\$ 24,800.00
1.23	Variation for reduction in foam bitumen content per percentage	2000	\$ 10,000.00	\$ 12,660.00	\$ 10,000.00	\$ 5,860.00
1.24	Variation for increase in foam bitumen content per percentage	3000	\$ 15,000.00	\$ 18,990.00	\$ 15,000.00	\$ 8,790.00
1.3	Spreading of Council supplied road base or fine crushed rock over the	100	\$ 9,000.00	\$ 3,549.00	\$ 9,000.00	\$ 7,439.00
1.4	EXCAVATE RAP AND DISPOSAL BY CONTRACTOR					
1.41	Excavation of an existing flexible pavement (suited for RAP) with loading,	750	\$ 300,000.00	\$ 127,462.50	\$ 117,885.00	\$ 137,467.50
1.43	Additional surcharge for tipping from 5pm-7am*	750	\$ 60,000.00	\$ 18,270.00	\$ 106,095.00	\$ 24,750.00
1.5	EXCAVATE NON-RAP AND DISPOSAL BY CONTRACTOR					
1.51	Excavation of an existing flexible pavement (not suited for RAP) with	750	\$ 315,000.00	\$ 280,012.50	\$ 275,392.50	\$ 222,967.50
1.52	Additional charge for tipping from 5pm-7am.*	750	\$ 60,000.00	\$ 81,457.50	\$ 247,852.50	\$ 67,500.00
1.6	EXCAVATE AND TRANSPORT BY CONTRACTOR					
1.61	Excavate, load and cart material from site to a nominated site within the	750	\$ 255,000.00	\$ 65,475.00	\$ 105,382.50	\$ 87,967.50
1.7	PRE-CONSTRUCTION TESTING FOR MIX DESIGN					
1.71	For cement and lime stabilisation – Collect sample from borehole,	10	\$ 26,000.00	\$ 65,000.00	\$ 25,000.00	\$ 49,000.00
1.72	For bitumen foam stabilisation - inclusive of all work & cost to prepare	10	\$ 26,000.00	\$ 80,000.00	\$ 99,000.00	\$ 99,000.00
1.8	RATES APPLICABLE TO STABILISATION WORKS					
1.81	Pre-pulverise existing road surface into pavement with profiler (to max	5000	\$ 215,000.00	\$ 26,800.00	\$ 32,150.00	\$ 40,850.00
1.82	Week night or week end surcharge	6	\$ 1,920.00	\$ 32,167.80	\$ 21,000.00	\$ 32,850.90
1.83	Supply and install traffic signal loops (per lane loops (up to 10m in length)	8	\$ 9,600.00	\$ 9,600.00	\$ 9,600.00	\$ 8,000.00
<i>Subtotal</i>	<i>Stabilisation Rates - Annual Cost - Works greater than 2000m2</i>		\$ 2,407,520.00	\$ 1,060,094.30	\$ 1,569,657.50	\$ 1,157,042.40
TOTAL	Year 1 Annual Cost		\$ 3,449,170.00	\$ 1,671,630.50	\$ 2,428,883.50	\$ 1,908,105.30
Normalised Rating			8%	81%	47%	72%
Mean \$			2,364,447.33	Std Dev \$	789,307.40	

Section 6A: Sensitivity 1 - Half Annual Volumes, Small Site Areas						
No	Tender Item	% / Yr Volume	Ally Civil	Works Pty Ltd	Surfacing P/L	SPA
0	MANDATORY RATES					
0.01	Extra Over Rate for Additional Traffic Controller	3	\$ 1,200.00	\$ 165.00	\$ 1,620.00	\$ 2,250.00
0.02	Parking Patrol Fee – 2 people for 16 hours prior to	2	\$ 5,760.00	\$ 4,500.00	\$ 4,110.00	\$ 4,500.00
0.03	Parking Patrol Fee – rate is for 2 people providing	8	\$ 960.00	\$ 1,160.00	\$ 1,040.00	\$ 1,128.00
0.04	Variable Message Board – Supply, install, maintain	4	\$ 1,600.00	\$ 1,000.00	\$ 580.00	\$ 1,200.00
0.05	Variable Message Board – Supply, install, maintain	2	\$ 2,300.00	\$ 1,200.00	\$ 2,030.00	\$ 1,600.00
Subtotal	Mandatory Rates - Annual Cost		\$ 11,820.00	\$ 8,025.00	\$ 9,380.00	\$ 10,678.00
1A	STABILISATION - Works less than 2000m2					
1	CEMENT STABILISATION:					
1.01	To initially tyne, supply and spread Type A Cement at	5000	\$ 250,000.00	\$ 101,100.00	\$ 78,050.00	\$ 116,600.00
1.02	Variation for increase in stabilisation depth for each	10000	\$ 100,000.00	\$ 4,100.00	\$ 7,500.00	\$ 9,300.00
1.03	Variation for reduction in cement content per	2000	\$ 10,000.00	\$ 1,100.00	\$ 1,460.00	\$ 1,420.00
1.04	Variation for increase in cement content per	3000	\$ 15,000.00	\$ 1,650.00	\$ 2,190.00	\$ 2,130.00
1.1	LIME STABILISATION:					
1.11	To initially tyne, supply and spread Lime at 4% by	5000	\$ 260,000.00	\$ 97,800.00	\$ 80,300.00	\$ 115,200.00
1.12	Variation for increase in stabilisation depth for each	10000	\$ 100,000.00	\$ 3,900.00	\$ 8,400.00	\$ 8,800.00
1.13	Variation for reduction in lime content per percentage	2000	\$ 10,000.00	\$ 1,020.00	\$ 1,680.00	\$ 1,300.00
1.14	Variation for increase in lime content per percentage	3000	\$ 15,000.00	\$ 1,530.00	\$ 2,520.00	\$ 1,950.00
1.2	BITUMEN - FOAM BITUMEN STABILISATION					
1.21	To initially tyne, supply and add Bitumen at 3% by	5000	\$ 275,000.00	\$ 156,100.00	\$ 275,000.00	\$ 195,250.00
1.22	Variation for increase in stabilisation depth for each	10000	\$ 100,000.00	\$ 43,900.00	\$ 100,000.00	\$ 33,000.00
1.23	Variation for reduction in foam bitumen content per	2000	\$ 10,000.00	\$ 16,480.00	\$ 10,000.00	\$ 7,780.00
1.24	Variation for increase in foam bitumen content per	3000	\$ 15,000.00	\$ 24,720.00	\$ 15,000.00	\$ 11,670.00
1.3	Spreading of Council supplied road base or fine	100	\$ 10,000.00	\$ 4,226.00	\$ 10,000.00	\$ 9,894.00
1.4	EXCAVATE RAP AND DISPOSAL BY					
1.41	Excavation of an existing flexible pavement (suited	750	\$ 315,000.00	\$ 171,217.50	\$ 161,745.00	\$ 182,835.00
1.43	Additional surcharge for tipping from 5pm-7am*	750	\$ 60,000.00	\$ 25,072.50	\$ 145,567.50	\$ 32,917.50
1.5	EXCAVATE NON-RAP AND DISPOSAL BY					
1.51	Excavation of an existing flexible pavement (not	750	\$ 330,000.00	\$ 271,305.00	\$ 319,245.00	\$ 296,550.00
1.52	Additional charge for tipping from 5pm-7am.*	750	\$ 60,000.00	\$ 86,340.00	\$ 287,317.50	\$ 89,775.00
1.6	EXCAVATE AND TRANSPORT BY CONTRACTOR					
1.61	Excavate, load and cart material from site to a	750	\$ 270,000.00	\$ 119,092.50	\$ 140,745.00	\$ 117,000.00
1.7	PRE-CONSTRUCTION TESTING FOR MIX					
1.71	For cement and lime stabilisation – Collect sample	10	\$ 21,000.00	\$ 50,000.00	\$ 20,000.00	\$ 65,170.00
1.72	For bitumen foam stabilisation - inclusive of all work	10	\$ 21,000.00	\$ 60,000.00	\$ 131,670.00	\$ 131,670.00
1.8	RATES APPLICABLE TO STABILISATION					
1.81	Pre-pulverise existing road surface into pavement	5000	\$ 225,000.00	\$ 69,600.00	\$ 52,150.00	\$ 54,350.00
1.82	Week night or week end surcharge	6	\$ 1,920.00	\$ 25,212.60	\$ 18,000.00	\$ 43,691.70
1.83	Supply and install traffic signal loops (per lane loops	8	\$ 9,600.00	\$ 7,600.00	\$ 9,600.00	\$ 8,000.00
Subtotal	Stabilisation Rates - Annual Cost - Works less than 2000m2		\$ 2,483,520.00	\$ 1,343,066.10	\$ 1,878,140.00	\$ 1,536,253.20
1B	STABILISATION - Works greater than 2000m2					
1	CEMENT STABILISATION:					
1.01	To initially tyne, supply and spread Type A Cement at	0	\$ -	\$ -	\$ -	\$ -
1.02	Variation for increase in stabilisation depth for each	0	\$ -	\$ -	\$ -	\$ -
1.03	Variation for reduction in cement content per	0	\$ -	\$ -	\$ -	\$ -
1.04	Variation for increase in cement content per	0	\$ -	\$ -	\$ -	\$ -
1.1	LIME STABILISATION:					
1.11	To initially tyne, supply and spread Lime at 4% by	0	\$ -	\$ -	\$ -	\$ -
1.12	Variation for increase in stabilisation depth for each	0	\$ -	\$ -	\$ -	\$ -
1.13	Variation for reduction in lime content per percentage	0	\$ -	\$ -	\$ -	\$ -
1.14	Variation for increase in lime content per percentage	0	\$ -	\$ -	\$ -	\$ -
1.2	BITUMEN - FOAM BITUMEN STABILISATION					
1.21	To initially tyne, supply and add Bitumen at 3% by	0	\$ -	\$ -	\$ -	\$ -
1.22	Variation for increase in stabilisation depth for each	0	\$ -	\$ -	\$ -	\$ -
1.23	Variation for reduction in foam bitumen content per	0	\$ -	\$ -	\$ -	\$ -
1.24	Variation for increase in foam bitumen content per	0	\$ -	\$ -	\$ -	\$ -
1.3	Spreading of Council supplied road base or fine	0	\$ -	\$ -	\$ -	\$ -
1.4	EXCAVATE RAP AND DISPOSAL BY					
1.41	Excavation of an existing flexible pavement (suited	0	\$ -	\$ -	\$ -	\$ -
1.43	Additional surcharge for tipping from 5pm-7am*	0	\$ -	\$ -	\$ -	\$ -
1.5	EXCAVATE NON-RAP AND DISPOSAL BY					
1.51	Excavation of an existing flexible pavement (not	0	\$ -	\$ -	\$ -	\$ -
1.52	Additional charge for tipping from 5pm-7am.*	0	\$ -	\$ -	\$ -	\$ -
1.6	EXCAVATE AND TRANSPORT BY CONTRACTOR					
1.61	Excavate, load and cart material from site to a	0	\$ -	\$ -	\$ -	\$ -
1.7	PRE-CONSTRUCTION TESTING FOR MIX					
1.71	For cement and lime stabilisation – Collect sample	0	\$ -	\$ -	\$ -	\$ -
1.72	For bitumen foam stabilisation - inclusive of all work	0	\$ -	\$ -	\$ -	\$ -
1.8	RATES APPLICABLE TO STABILISATION					
1.81	Pre-pulverise existing road surface into pavement	0	\$ -	\$ -	\$ -	\$ -
1.82	Week night or week end surcharge	0	\$ -	\$ -	\$ -	\$ -
1.83	Supply and install traffic signal loops (per lane loops	0	\$ -	\$ -	\$ -	\$ -
Subtotal	Stabilisation Rates - Annual Cost - Works greater than 2000m2		\$ -	\$ -	\$ -	\$ -
TOTAL	Year 1 Annual Cost		\$ 2,495,340.00	\$ 1,351,091.10	\$ 1,887,520.00	\$ 1,546,931.20
Normalised Rating (NPV)			9%	83%	45%	71%
Mean			\$ 1,820,220.58	Std Dev	\$ 501,692.14	

Section 7A: Sensitivity 2 - Double Annual Volumes, Large Site Areas						
No	Tender Item	% / Yr Volume	Ally Civil	Works Pty Ltd	Surfacing P/L	SPA
0	MANDATORY RATES					
0.01	Extra Over Rate for Additional Traffic Controller (where	10	\$ 4,000.00	\$ 550.00	\$ 5,400.00	\$ 7,500.00
0.02	Parking Patrol Fee – 2 people for 16 hours prior to works	6	\$ 17,280.00	\$ 13,500.00	\$ 12,330.00	\$ 13,500.00
0.03	Parking Patrol Fee – rate is for 2 people providing service	32	\$ 3,840.00	\$ 4,640.00	\$ 4,160.00	\$ 4,512.00
0.04	Variable Message Board – Supply, install, maintain and	16	\$ 6,400.00	\$ 4,000.00	\$ 2,320.00	\$ 4,800.00
0.05	Variable Message Board – Supply, install, maintain and	6	\$ 6,900.00	\$ 3,600.00	\$ 6,090.00	\$ 4,800.00
Subtotal	Mandatory Rates - Annual Cost		\$ 38,420.00	\$ 26,290.00	\$ 30,300.00	\$ 35,112.00
1A	STABILISATION - Works less than 2000m2					
1	CEMENT STABILISATION:					
1.01	To initially tyne, supply and spread Type A Cement at 4%	0	\$ -	\$ -	\$ -	\$ -
1.02	Variation for increase in stabilisation depth for each 25	0	\$ -	\$ -	\$ -	\$ -
1.03	Variation for reduction in cement content per percentage	0	\$ -	\$ -	\$ -	\$ -
1.04	Variation for increase in cement content per percentage	0	\$ -	\$ -	\$ -	\$ -
1.1	LIME STABILISATION:					
1.11	To initially tyne, supply and spread Lime at 4% by weight	0	\$ -	\$ -	\$ -	\$ -
1.12	Variation for increase in stabilisation depth for each 25	0	\$ -	\$ -	\$ -	\$ -
1.13	Variation for reduction in lime content per percentage - \$	0	\$ -	\$ -	\$ -	\$ -
1.14	Variation for increase in lime content per percentage	0	\$ -	\$ -	\$ -	\$ -
1.2	BITUMEN - FOAM BITUMEN STABILISATION					
1.21	To initially tyne, supply and add Bitumen at 3% by weight	0	\$ -	\$ -	\$ -	\$ -
1.22	Variation for increase in stabilisation depth for each 25	0	\$ -	\$ -	\$ -	\$ -
1.23	Variation for reduction in foam bitumen content per	0	\$ -	\$ -	\$ -	\$ -
1.24	Variation for increase in foam bitumen content per	0	\$ -	\$ -	\$ -	\$ -
1.3	Spreading of Council supplied road base or fine crushed	0	\$ -	\$ -	\$ -	\$ -
1.4	EXCAVATE RAP AND DISPOSAL BY CONTRACTOR					
1.41	Excavation of an existing flexible pavement (suited for	0	\$ -	\$ -	\$ -	\$ -
1.43	Additional surcharge for tipping from 5pm-7am*	0	\$ -	\$ -	\$ -	\$ -
1.5	EXCAVATE NON-RAP AND DISPOSAL BY					
1.51	Excavation of an existing flexible pavement (not suited for	0	\$ -	\$ -	\$ -	\$ -
1.52	Additional charge for tipping from 5pm-7am.*	0	\$ -	\$ -	\$ -	\$ -
1.6	EXCAVATE AND TRANSPORT BY CONTRACTOR					
1.61	Excavate, load and cart material from site to a nominated	0	\$ -	\$ -	\$ -	\$ -
1.7	PRE-CONSTRUCTION TESTING FOR MIX DESIGN					
1.71	For cement and lime stabilisation – Collect sample from	0	\$ -	\$ -	\$ -	\$ -
1.72	For bitumen foam stabilisation - inclusive of all work &	0	\$ -	\$ -	\$ -	\$ -
1.8	RATES APPLICABLE TO STABILISATION WORKS					
1.81	Pre-pulverise existing road surface into pavement with	0	\$ -	\$ -	\$ -	\$ -
1.82	Week night or week end surcharge	0	\$ -	\$ -	\$ -	\$ -
1.83	Supply and install traffic signal loops (per lane loops (up	0	\$ -	\$ -	\$ -	\$ -
Subtotal	Stabilisation Rates - Annual Cost - Works less than 2000m2		\$ -	\$ -	\$ -	\$ -
1B	STABILISATION - Works greater than 2000m2					
1	CEMENT STABILISATION:					
1.01	To initially tyne, supply and spread Type A Cement at 4%	10000	\$ 480,000.00	\$ 91,500.00	\$ 105,300.00	\$ 175,300.00
1.02	Variation for increase in stabilisation depth for each 25	20000	\$ 200,000.00	\$ 8,200.00	\$ 14,400.00	\$ 14,000.00
1.03	Variation for reduction in cement content per percentage	4000	\$ 20,000.00	\$ 2,480.00	\$ 2,920.00	\$ 2,160.00
1.04	Variation for increase in cement content per percentage	6000	\$ 30,000.00	\$ 3,720.00	\$ 4,380.00	\$ 3,240.00
1.1	LIME STABILISATION:					
1.11	To initially tyne, supply and spread Lime at 4% by weight	10000	\$ 500,000.00	\$ 90,100.00	\$ 110,400.00	\$ 173,200.00
1.12	Variation for increase in stabilisation depth for each 25	20000	\$ 200,000.00	\$ 6,200.00	\$ 16,800.00	\$ 13,200.00
1.13	Variation for reduction in lime content per percentage - \$	4000	\$ 20,000.00	\$ 2,560.00	\$ 3,360.00	\$ 1,960.00
1.14	Variation for increase in lime content per percentage	6000	\$ 30,000.00	\$ 3,840.00	\$ 5,040.00	\$ 2,940.00
1.2	BITUMEN - FOAM BITUMEN STABILISATION					
1.21	To initially tyne, supply and add Bitumen at 3% by weight	10000	\$ 530,000.00	\$ 257,100.00	\$ 530,000.00	\$ 293,600.00
1.22	Variation for increase in stabilisation depth for each 25	20000	\$ 200,000.00	\$ 11,600.00	\$ 200,000.00	\$ 49,600.00
1.23	Variation for reduction in foam bitumen content per	4000	\$ 20,000.00	\$ 25,320.00	\$ 20,000.00	\$ 11,720.00
1.24	Variation for increase in foam bitumen content per	6000	\$ 30,000.00	\$ 37,980.00	\$ 30,000.00	\$ 17,580.00
1.3	Spreading of Council supplied road base or fine crushed	200	\$ 18,000.00	\$ 7,098.00	\$ 18,000.00	\$ 14,878.00
1.4	EXCAVATE RAP AND DISPOSAL BY CONTRACTOR					
1.41	Excavation of an existing flexible pavement (suited for	1500	\$ 600,000.00	\$ 254,925.00	\$ 235,770.00	\$ 274,935.00
1.43	Additional surcharge for tipping from 5pm-7am*	1500	\$ 120,000.00	\$ 36,540.00	\$ 212,190.00	\$ 49,500.00
1.5	EXCAVATE NON-RAP AND DISPOSAL BY					
1.51	Excavation of an existing flexible pavement (not suited for	1500	\$ 630,000.00	\$ 560,025.00	\$ 550,785.00	\$ 445,935.00
1.52	Additional charge for tipping from 5pm-7am.*	1500	\$ 120,000.00	\$ 162,915.00	\$ 495,705.00	\$ 135,000.00
1.6	EXCAVATE AND TRANSPORT BY CONTRACTOR					
1.61	Excavate, load and cart material from site to a nominated	1500	\$ 510,000.00	\$ 130,950.00	\$ 210,765.00	\$ 175,935.00
1.7	PRE-CONSTRUCTION TESTING FOR MIX DESIGN					
1.71	For cement and lime stabilisation – Collect sample from	20	\$ 52,000.00	\$ 130,000.00	\$ 50,000.00	\$ 98,000.00
1.72	For bitumen foam stabilisation - inclusive of all work &	20	\$ 52,000.00	\$ 160,000.00	\$ 198,000.00	\$ 198,000.00
1.8	RATES APPLICABLE TO STABILISATION WORKS					
1.81	Pre-pulverise existing road surface into pavement with	10000	\$ 430,000.00	\$ 53,600.00	\$ 64,300.00	\$ 81,700.00
1.82	Week night or week end surcharge	12	\$ 3,840.00	\$ 64,335.60	\$ 42,000.00	\$ 65,701.80
1.83	Supply and install traffic signal loops (per lane loops (up	16	\$ 19,200.00	\$ 19,200.00	\$ 19,200.00	\$ 16,000.00
Subtotal	Stabilisation Rates - Annual Cost - Works greater than 2000m2		\$ 4,815,040.00	\$ 2,120,188.60	\$ 3,139,315.00	\$ 2,314,084.80
TOTAL	Year 1 Annual Cost		\$ 4,853,460.00	\$ 2,146,478.60	\$ 3,169,615.00	\$ 2,349,196.80
Normalised Rating (NPV)			8%	79%	49%	74%
Mean			\$ 3,129,687.60	Std Dev	\$ 1,231,374.75	

Section 4: Primary evaluation using Annual Indicative Quantities					
Tenderer		Ally Civil	Downer Edi	Roadworx	SPA
NPV Contract Sum		\$3,449,170.00	\$1,671,630.50	\$2,428,883.50	\$1,908,105.30
Normalised Rating (NPV)		8%	81%	47%	72%

Section 5B: Sensitivity 1 - Half annual volumes and more small area works					
Tenderer		Ally Civil	Downer Edi	Roadworx	SPA
NPV Contract Sum		\$2,495,340.00	\$1,351,091.10	\$1,887,520.00	\$1,546,931.20
Normalised Rating (NPV)		9%	83%	45%	71%

Section 6B: Sensitivity 2 - Double annual volumes and larger areas					
Tenderer		Ally Civil	Downer Edi	Roadworx	SPA
NPV Contract Sum		\$4,853,460.00	\$2,146,478.60	\$3,169,615.00	\$2,349,196.80
Normalised Rating (NPV)		8%	79%	49%	74%

Section 7: Weighted Assessment Result					
Tenderer	Weight	Ally Civil	Downer Edi	Roadworx	SPA
Primary Evaluation using annual indicative quantities	70%	6%	57%	33%	50%
Sensitivity 1	15%	1%	12%	7%	11%
Sensitivity 2	15%	1%	12%	7%	11%
Final Assessment Score	100%	8%	81%	47%	72%

x 1 x 2