

Infrastructure Committee Committee Agenda

Date: Thursday, 8 February, 2018

Time: 10:30 am

Location: Council Chamber
Forum North, Rust Avenue
Whangarei

Elected Members: Cr Greg Martin (Chairperson)
Her Worship the Mayor Sheryl Mai
Cr Stu Bell
Cr Gavin Benney
Cr Vince Cocurullo
Cr Crichton Christie
Cr Tricia Cutforth
Cr Shelley Deeming
Cr Sue Glen
Cr Phil Halse
Cr Cherry Hermon
Cr Greg Innes
Cr Sharon Morgan
Cr Anna Murphy

For any queries regarding this meeting please contact
the Whangarei District Council on (09) 430-4200.

| | |
|--|----|
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Infrastructure Committee – Terms of Reference

Membership

Chairperson: Councillor Greg Martin

Members: Her Worship the Mayor Sheryl Mai
Councillors Stu Bell, Gavin Benney, Crichton Christie, Vince Cocurullo, Tricia Cutforth, Shelley Deeming, Sue Glen, Phil Halse, Cherry Hermon, Greg Innes, Sharon Morgan, Anna Murphy

Meetings: Monthly

Quorum: 7

Purpose

To oversee the management of council's infrastructural assets, utility services and public facilities.

Key responsibilities include:

- Services including the provision and maintenance of:
 - Infrastructure projects and support
 - Infrastructure project co ordination
 - Transportation
 - Waste and Drainage
 - Water
 - Parks and Reserves.
- Shared Services – investigate opportunities for Shared Services for recommendation to council.

Delegations

- (i) All powers necessary to perform the committee's responsibilities, including, but not limited to:
 - (a) the approval of expenditure of less than \$10 million plus GST.
 - (b) approval of a submission to an external body.
 - (c) establishment of working parties or steering groups.

- (d) power to establish subcommittees and to delegate their powers to that subcommittee.
- (e) the power to adopt the Special Consultative Procedure provided for in Section 83 to 88 of the LGA in respect of matters under its jurisdiction (this allows for setting of fees and bylaw making processes up to but not including adoption).
- (f) the power to delegate any of its powers to any joint committee established for any relevant purpose under clause 32, Schedule 7 of the Local Government Act 2002

Item 3.1**Infrastructure Committee Meeting Minutes**

Date: Thursday, 7 December, 2017
Time: 10:30 a.m.
Location: Council Chamber
Forum North, Rust Avenue
Whangarei

| | |
|--------------------------|--|
| In Attendance | Cr Greg Martin (Chairperson) Her Worship the Mayor Sheryl Mai Cr Stu Bell Cr Vince Cocurullo Cr Tricia Cutforth Cr Shelley Deeming Cr Sue Glen Cr Phil Halse Cr Cherry Hermon Cr Sharon Morgan Cr Anna Murphy |
| Not in Attendance | Cr Crichton Christie Cr Greg Innes |

1. Declarations of Interest**2. Apologies**

Cr Crichton Christie and Cr Greg Innes

Moved By Cr Sue Glen

Seconded By Cr Cherry Hermon

That the apologies be sustained.

Carried

3. Confirmation of Minutes of Previous Infrastructure Committee Meeting**3.1 Minutes Infrastructure Committee meeting held 9 November 2017**

Moved By Cr Tricia Cutforth

Seconded By Cr Shelley Deeming

That the minutes of the Infrastructure Committee meeting held on Thursday 9 November 2017 having been circulated, be taken as read and now confirmed and adopted as a true and correct record of proceedings of that meeting.

Carried

4. Decision Reports

4.1 Establishment of a Joint WDC-NRC Public Transport Working Party

Moved By Cr Phil Halse

Seconded By Cr Sue Glen

That the Council:

1. Establish a joint Whangarei Public Passenger Transport Working Party with the Northland Regional Council, to examine and discuss Whangarei public transport issues and to advise and make recommendations to both councils.
2. That the terms of reference, based on the model of existing working parties and providing for the joint nature of the working party, be developed at the initial meeting and recommended to both councils.
3. That Councillors Tricia Cutforth, Greg Martin and Anna Murphy be members of the working party.

Carried

4.2 Regional Sports Facilities rate - Priority Projects

Moved By Her Worship the Mayor

Seconded By Cr Shelley Deeming

That the Infrastructure Committee endorse Pohe Island Sports Hub and Northland Football Hub to Northland Regional Council as the top two priority projects for consideration of the Regional Sports Facilities Rate.

On the motion being put Cr Glen called for a division:

| Recorded | For | Against | Abstain |
|---|------------|----------------|----------------|
| Her Worship the Mayor Sheryl Mai (Chairperson) | X | | |
| Cr Vince Cocurullo | | | X |

| | | | |
|--------------------|----------|----------|----------|
| Cr Tricia Cutforth | | | X |
| Cr Shelley Deeming | X | | |
| Cr Sue Glen | | X | |
| Cr Phil Halse | X | | |
| Cr Cherry Hermon | X | | |
| Cr Greg Martin | X | | |
| Cr Sharon Morgan | X | | |
| Cr Anna Murphy | X | | |
| Results | 7 | 1 | 2 |

Absent: Crs Stu Bell, Crichton Christie and Greg Innes

Carried

Cr Bell declared a conflict of interest and left the room, taking no part in discussions or voting on Item 4.2. Cr Bell was absent from the room for the duration of the item, from 10.31am to 10.39am.

Cr Morgan declared an interest as President of the Northland Rugby Union.

Cr Halse declared an interest as Patron of Northland Rugby.

4.3 Hall Avenue Parking Restrictions

Moved By Cr Vince Cocurullo

Seconded By Cr Anna Murphy

That the Infrastructure Committee approve, pursuant to the Whangarei District Council Parking and Traffic Bylaw 2009 Clause 14, that the parking of vehicles be restricted at all times in Hall Avenue along the existing kerb build outs (planters) and between the two vehicle crossings serving number 12 Hall Avenue as per the RAMM Displacement schedule below:

| Road Name : Hall Avenue | | |
|-------------------------|-------------------|-----|
| RAMM Road ID : 167 | | |
| Side | RAMM Displacement | |
| | Start | End |
| LHS | 4 | 9 |
| LHS | 26 | 32 |
| LHS | 37 | 63 |
| LHS | 71 | 83 |
| LHS | 97 | 140 |

| | | |
|------------|-----|-----|
| RHS | 4 | 11 |
| RHS | 39 | 63 |
| RHS | 78 | 112 |
| RHS | 122 | 140 |

Carried

Cr Halse requested his vote against be recorded.

4.4 Temporary road closure - ICC under 19 Cricket World Cup, teams powhiri

Moved By Cr Vince Cocurullo

Seconded By Her Worship the Mayor Sheryl Mai

That the Infrastructure Committee:

1. approves the following road be temporarily closed to ordinary traffic for the ICC Under 19 Cricket World Cup 2018 host city Powhiri, in accordance with Local Government Act (1974):

- i. Porowini Avenue, from the intersection of Porowini Avenue and Lower Tarewa Road to Poto Street.

Date of closure: Friday 12 January 2018

Period of closure: 3:00pm – 8:30pm.

2. approves the side roads off the roads to be closed also be temporarily closed for a distance of up to 100 metres from the intersection for safety purposes.
3. delegate to the Chair of the Infrastructure Committee and the Infrastructure Services Group Manager the power to consider objections and cancel or amend any or all of the temporary road closures if applicable.

Carried

4.5 Temporary road closure - Northland Car Club

Moved By Cr Phil Halse

Seconded By Cr Vince Cocurullo

That the Infrastructure Committee:

1. approves the following roads be temporarily closed to ordinary traffic for the Northland Car Club events in accordance with the Local Government Act (1974)

- i **Sunday 21 January 2018**

Ruarangi Road, Waiotira

- ii **Sunday 4 March 2018**

Mangapai Caves Road, from McDonnell Road to Rountree Road

- iii **Sunday 18 March**

Hilford Road, Waiotira

- iv **Sunday 8 April 2018**

Sime and Kepa Roads, Ruakaka

- v. **Sunday 17 June 2018**

Paiawa Road, Waiotira

- vi. **Periods of closure: 9:30am – 5:00pm.**

- b) approves the side roads off the roads to be closed also be temporarily closed for a distance of up to 100 metres from the intersection for safety purposes.
 - c) delegate to the Chair of the Infrastructure Committee and the Infrastructure Services Group Manager the power to consider objections and cancel or amend any or all of the temporary road closures if applicable.

Carried

5. Information Reports

5.1 Infrastructure Operations Report - December 2017

Moved By Cr Anna Murphy

Seconded By Cr Sharon Morgan

That the Infrastructure Committee notes the Infrastructure Operations Report December update.

Carried

5.2 Contracts Approved Under Delegated Authority December 2017

Moved By Cr Sue Glen

Seconded By Cr Vince Cocurullo

That the Infrastructure Committee note the Infrastructure contracts awarded under Chief Executive and General Manager delegated authority.

Carried

6. Public Excluded Business

Moved By Cr Cherry Hermon

Seconded By Cr Sue Glen

That the public be excluded from the following parts of proceedings of this meeting. The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under Section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

| General subject of each matter to be considered | | Reason for passing this resolution in relation to each matter | Ground(s) under Section 48(1) for passing this resolution |
|---|--|--|--|
| 1.1 | Lease opportunity | Good reason to withhold information exists under Section 7 Local Government Official Information and Meetings Act 1987 | Section 48(1)(a) |
| This resolution is made in reliance on Section 48(1)(a) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by Section 6 or Section 7 of that Act which would be prejudiced by the holding of the whole or the relevant part of the proceedings of the meeting in public, are as follows: | | | |
| Item | Grounds | | Section |
| 1.1 | To enable Council to carry on without prejudice or disadvantage negotiations (including commercial and industrial negotiations). | | Section 7(2)(i)) |

Carried

7. Closure of Meeting

The meeting concluded at 11.24am

Confirmed this 8th day of February 2018

Councillor Greg Martin (Chairperson)

4.1 Contract 15071 Traffic and Pedestrian Signal Maintenance

Meeting: Infrastructure Committee
Date of meeting: 8 February 2018
Reporting officer: Jeff Devine (Roading Manager)

1 Purpose

To request the Committees approval for the extension of the Traffic and Pedestrian Signals Maintenance Contract and approval of an associated increase in financial allocation.

2 Recommendations

That the Infrastructure Committee approves

- a) That the contract for Traffic & Pedestrian Signal Maintenance, Contract 15071 be extended for a further three years from 1 February 2018 to 31 January 2021
- b) That the contract value be increased by the sum of \$ 2,100,000-00, bringing the total contract value to \$ 3,463,723-05, exclusive of GST.

3 Background

Contract 15071 is for the maintenance of a total of 18 WDC traffic and pedestrian crossing signals, plus 6 State Highway traffic signals, 18 pedestrian crossings (floodlights and/or Belisha beacons), 27 School Zone variable speed limit sites and 8 Driver feedback speed sign sites. This contract was initially let in January 2016 for an initial two-year term with a potential three-year contract extension dependent upon performance.

Council maintains and operates the State Highway traffic signals under delegated authority from the New Zealand Transport Agency, who covers the full cost of that work, which is approximately \$100,000 annually.

The incumbent contractor is Currie Electrical who are a local company who have maintained Council's traffic signal assets almost exclusively since 1973.

4 Discussion

Overall the current contractor has performed well on the Traffic and Pedestrian Signals Maintenance Contract. They have put considerable additional effort into adapting to the new requirements in the contract, particularly with regards to asset management and the use of RAMM Traffic Signals and RAMM Contractor.

They have also had to step up in terms of providing services outside the District with managing the new NZTA PUFFIN pedestrian signal at Paihia and mastering the new detection technology this requires. Closer to home improving reliability has been the focus with improvements in service levels such as the new type School Zone signs that measure actual speeds and reinforce the 50km limit when not acting as a School Zone.

Currie Electrical hold a number of Contracts with Council for a variety of activities, and have done so for nearly 45 years. Currie Electrical are very familiar with the requirements of Council and have a wealth of local knowledge.

On this basis, it is recommended that the existing contractor be granted the three year rollover extension allowed for in the current contract. The initial two year contract period finishes on the 31 January 2018 and the extension if approved continues until 31 January 2021.

4.1 Financial/budget considerations

Council awarded the original contract to Currie Electrical in January 2016 for a sum of \$1,338,589-00 for the two initial years. A minor variation was approved in December 2017 as the final contract claim exceeded the available approved allocation by \$25,000.

The additional contract amount required for the three year extension will be \$ 2,100,000-00 and does include price escalation in accordance with the contract specification. This is made up of:

| | | |
|---|--------------|--------------|
| WDC Maintenance Budget | \$ 1,050,000 | over 3 years |
| WDC renewals and Improvements programme | \$ 750,000 | over 3 years |
| NZTA maintenance & renewals programme | \$ 300,000 | over 3 years |

This contract however, is a measure and value contract, and the actual payments to the contractor will only be based upon the quantity of works completed at the tendered schedule of rates. All of these works are completed within the Council's, and NZTA's, approved budgets in any one year.

| Contract 15071 | \$value |
|--|-----------------|
| Previous value of the contract (2 years) | \$ 1,338,589-00 |
| Minor variation approved Dec 2017 | \$ 25,134-05 |
| Additional value required now (3 years) | \$ 2,100,000-00 |
| The proposed new value of this contract | \$ 3,463,723-05 |

5 Significance and engagement

The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via the publication of this Agenda on the website,

4.2 Tree Maintenance Contract Con17031

Meeting: Infrastructure Committee
Date of meeting: 8 February 2018
Reporting officer: Sue Hodge (Parks and Recreation Manager)

1. Purpose

To seek the Committee's approval to enter into a contract Con17031, for the supply of tree maintenance services with Treescape Limited for a period of five years.

2. Recommendations

That the Infrastructure Committee approves

- a) that the contract for Tree Maintenance Con17031 be awarded to Treescape Limited, from 1 April 2018 to 31 March, for the expected five years' costs of \$2,669,625 (excluding GST).

3. Background

The incumbent tree maintenance contractor is Treescape Limited and the current contract expires 31 March 2018.

Council approved a procurement plan for tree maintenance services at the October 2018 Infrastructure Committee meeting. The scope of the contract is:

- Inspect and record the condition of the 17,000 formal street and reserve trees at least once every five years (some high risk trees are at higher frequencies).
- Maintain an accurate asset database of all maintained trees
- Reduce the risk trees pose to Council as far as possible
- Trim and maintain trees as appropriate to their environment
- Protect utility services such as power lines from tree ingress as far as practical
- Keep Council's tree assets attractive and valued with losses replaced.

4. Discussion

Council engaged Integral Group Limited to guide the tender process as they have extensive experience in running procurement processes in the local government environment. The process has been a two-staged open market process using registration of interest (ROI) and request for proposal (RFP).

Council ran a publicly notified ROI and selected a short list of four suppliers from the six which applied. The four suppliers Asplundh, Treescape, Northland Treeworks, and Franklin were invited through to the RFP.

Council ran the RFP process and evaluated the proposals presented using the agreed evaluation criteria.

Attribute scoring:

| Respondent | Asplundh | Franklin | Northland Treeworks | Treescape |
|--------------------|----------|----------|---------------------|-----------|
| Total score | 718.1 | 542.2 | 468 | 812 |

Pricing in RFP:

| Respondent | Asplundh | Franklin | Northland Treeworks | Treescape |
|-------------------|-------------|-------------|---------------------|-------------|
| Price | \$3,243,642 | \$4,781,787 | \$2,661,450 | \$2,669,625 |

Following the RFP evaluations there was a clear divide between the top two respondents (Treescape and Asplundh). After a discussion, it was agreed that the top scoring tender would be taken through to the interactive workshop phase, given that Treescape was significantly ahead on score, and the Asplundh price was considerably higher.

The RFP responses was thoroughly and fairly assessed based on the evaluation criteria.

At the completion of the RFP evaluation, Treescape were identified as the preferred supplier.

4.1 Financial/budget considerations

The draft 2018-2028 Long term Plan provides for \$400,000 per annum for tree maintenance services.

The new annual contract amount is \$533,925 (rounded up to \$534,000) leaving a shortfall in budget of \$134,000 per annum.

It is recommended the additional budget is considered during the Long Term Plan 2018/2028 process to ensure Council's risk is minimised by demonstrating it has a robust tree management process.

5. Significance and engagement

The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via the publication of this Agenda on the website.

5.1 Contracts Approved Under Delegated Authority

Meeting: Infrastructure Committee
Date of meeting: 08 February 2018
Reporting officer: Simon Weston (General Manager Infrastructure)

1 Purpose

For the Infrastructure Committee to note Infrastructure contracts awarded under Chief Executive and General Manager delegated authority

2 Recommendation

That the Infrastructure Committee note the Infrastructure contracts awarded under Chief Executive and General Manager delegated authority.

1 Background

Table 1 (below) records Infrastructure contracts awarded under Chief Executive and General Manager delegated authority. Attachment 1 provides a summary of the award process for each contract and a brief description of the works being undertaken

Table 1: Infrastructure Contracts Awarded Under Delegated Authority

| 1. Water | |
|--------------------------------|---|
| CON17003 | Whau Valley New Footbridge and Footpath Extension |
| CON17061 | Leak Detection 2017/18 |
| CON17077 | Ruddells Raw Water Main Pipe Bridge Rehabilitation 2017/18 |
| 2. Parks and Recreation | |
| CON17079 | Parihaka Track Renewals |
| CON17087 | Fill Importation to Pohe Island Central Carpark |
| 3. Roothing | |
| CON17026 | LED Streetlight Conversion – Northern Installation Package (P Category) |
| CON17038 | Te Matau a Pohe and Kotuitui Whitinga Bridges – Electrical Maintenance 2017 |
| CON17039 | Te Matau a Pohe and Kotuitui Whitinga Bridges – Operations 2017 |

| | |
|---|---|
| CON17047 | Scour Protection Work – 2017/18 |
| CON17060 | Wilson Road Bridge 248 Upgrade 2017/18 |
| CON17080 | LED Streetlight Conversion – Southern Installation Package (P Category) |
| CON17083 | Kamo Shared Path Rail Level-crossings – Stage 1 |
| 4. Infrastructure Planning and Capital Works | |
| CON17030 | 201-209 Port Road Demolition |

2 Significance and engagement

The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy and the public will be informed via Agenda publication on the website.

3 Attachments

1. Summary of Contracts Approved Under Delegated Authority February 2018

1.0 Summary of Contracts Approved Under Delegated Authority

This attachment provides a summary of the award process and works being undertaken for Infrastructure contracts awarded under Chief Executive and General Manager delegated authority.

1.0 Water

CON17003

Whau Valley New Footbridge and Footpath Extension

Background

CON17003 is for construction of a new footbridge and extension of the footpath at Whau Valley Road. It was awarded to GHK Piling. The original contract amount was \$210,803.

While a contingency sum of \$10,000 was allowed, this was exceeded due to a change in scope as follows:

- Additional retaining walls upstream and downstream of both bridge ends were required to hold up the road between the abutments of the existing bridge and the new footbridge. This also involved the extension of the railing to improve safety for pedestrians and cyclists.
- Some alterations to improve stormwater flow, including construction of an open swale drain, a concrete apron around the culvert inlet and scour protection around the outfall.
- Improvement to the pump station access, including the placement of compacted metal.

Financial

A breakdown of costs is provided in the following table:

| Description | Amount |
|-------------------------------|----------------------|
| Total original contract value | \$ 210,803.00 |
| Total amount of variations | \$ 27,290.00 |
| Less contingency | \$ 10,000.00 |
| Contract variance sought | \$ 17,290.00 |
| Revised contract value | \$ 228,093.00 |

The additional works will be funded out of the Whau Valley Water Plant budget PJ000119 which has a budget of \$1,500,000 for the 2017/18 year.

General Manager Approval

CON17074, for the Whau Valley New Footbridge and Footpath Extension, was increased by \$17,290 (Seventeen Thousand, Two Hundred and Ninety Dollars) excluding GST.

CON17061

Leak Detection 2017/18

Background

Water Services is seeking to reduce the proportion of unaccounted for water (UFW), which has been calculated at 20 percent, through a targeted leak detection programme to areas where UFW is particularly high.

Tender

The contract was publicly advertised and closed on 17 November 2017. One tender was received as follows:

| Tenderer | Amount |
|----------------------------|--------------------|
| Detection Services Limited | \$78,000.00 |
| Engineers Estimate | \$69,225.79 |

The tender evaluation method was lowest price conforming. The Detection Services Limited tender was found to be conforming. Detection Services have previously completed successful leak detection surveys for Council.

Financial

The lowest tender is 12.7% higher than the Engineers Estimate. The contract includes contingency funding. There is \$75,000 left in budget 84207-2768 this year (water reticulation maintenance, leak detection).

General Manager Approval

CON17061, for 2017/18 Leak Detection, was awarded to Detection Services Limited for the tendered sum of \$78,000 (Seventy-Eight Thousand Dollars) excluding GST

CON17077

Ruddells Raw Water Main Pipe Bridge Rehabilitation 2017/18

Background

The project's principal purpose is to rehabilitate the Queen and King Post bridge structures by replacing corroded critical connection members, removing built-up ground cover to exposed structural elements and removing vegetation around the structures.

Tender

The contract was publicly advertised and closed on 24 November 2017. Two tenders were received:

| Tenderer | Amount |
|---|----------------------|
| The Fletcher Construction Company Limited, trading as Pipeworks | \$ 109,786.89 |
| Barfoote Construction (failed attribute, tender not considered) | \$ - |
| Engineers Estimate | \$ 103,180.00 |

The tender evaluation method was lowest price conforming. The Pipeworks tender was found to be conforming.

Financial

The lowest tender is 6.4% higher than the Engineers Estimate.

There is \$1,051,650 left in this year's budget 00156-CX (Ruddells Raw Water Line Renewal) which will cover the cost of this work.

General Manager Approval

CON17077, for Ruddells Raw Water Main Pipe Bridge Rehabilitation 2017/18, was awarded to The Fletcher Construction Company Limited, Trading as Pipeworks, for the tendered sum of

\$109,786.89 (One Hundred and Nine Thousand Seven Hundred and Eighty-Six Dollars and Eighty-Nine Cents) excluding GST.

2.0 Parks and Recreation

| |
|---|
| CON17079 Parihaka Track Renewals |
|---|

Introduction

The Drummond, Dobbie and Ross tracks require upgrading. This involves reforming the existing tracks to achieve satisfactory width and drainage falls, cut and fill to reduce the gradient in places, new timber boxed steps, new aggregate and/or surfacing, timber edge board and drainage culverts.

Tender

The works were procured through an open tender process on Tenderlink. The tender closed on the 11th of November 2017.

Tenders were evaluated using the Price Quality Method in general accordance with Whangarei District Council's Procurement Procedures Manual.

| Tenderer | Score | Price Premium | Tender Price | Amount |
|---------------------------|-------|---------------|---------------|----------------------|
| Northland Parkcare Ltd | 0.15 | \$ 1,435.65 | \$ 465,840.00 | \$ 464,404.35 |
| Plant Pro and Sons Ltd | 0.14 | \$0 | \$ 451,105.00 | \$ 451,105.00 |
| Engineers Estimate | | | | \$ 410,185.00 |

Financial

The project budget is \$340,000 this financial year and \$179,900 next financial year. Professional fees for this financial year will be \$36,000, leaving a total of \$483,900 for this contract.

The contract is split into three separate tracks with values as follows:

| Track | Amount |
|--------------|----------------------|
| Drummond | \$ 117,060.00 |
| Dobbie | \$ 221,345.00 |
| Ross | \$ 112,700.00 |
| Total | \$ 451,105.00 |

It is recommended that the full contract be awarded with one of the tracks being delayed until the 2018/2019 financial year, as was stipulated in the contract. The delayed track can be brought forward into this financial year if funding can be secured from elsewhere in the Parks budget.

General Manager Approval

That CON17079 for Parihaka Track Renewals was awarded to Plant Pro and Sons Ltd for the tendered sum of \$ 451,105 (Four Hundred and Fifty-One Thousand, One Hundred and Five Dollars) excluding GST.

CON17087

Fill Importation to Pohe Island Central Carpark

Background

Council has approved a scheme plan for the Development of William Fraser Memorial Park on Pohe Island.

To help expedite these works Council requires a local contractor to provide a level compacted stabilised base. This involves an average of a 225mm lift of Imported Clean Fill followed by a 150mm stabilising layer of aggregate to act as a temporary carpark and mitigate erosion potential.

These services being procured prior to the final design will allow a robust level surface to be provided. This will allow for time savings in the final contract works.

WDC approached several local quarries to gauge their ability to supply Clean Fill at a transport only rate. Clements Contracting can provide the fill necessary along with the earthworks experience and plant to provide for the bulk and sub grade compaction required to a TNZ F1 standard. Other sources were unable to supply good quality clean fill suitable for engineered fill at transport only rates and do not have the operators or plant to perform the compaction necessary.

Financial

Breaking down the quote supplied by Clements Contracting via first principals indicates that they have offered very competitive rates, especially for the cut to fill operation (the bulk works).

These competitive prices, along with their ability to provide the materials and services required, will directly benefit the project. Clements Contracting price for this work is \$154,200.15 excluding GST.

The Engineers Estimate for this work is \$120,000. The budget for this work is within PJ00333 with a budget of \$1,020,000.

General Manager Approval

CON17087, for Fill Importation to Pohe Island Central Carpark, was awarded to Clements Contracting for the tendered sum of \$ 154,200.15 (One Hundred and Fifty-Four Thousand, Two Hundred Dollars and Fifteen Cents) excluding GST.

3.0 Roothing

CON17026

LED Streetlight Conversion - Northern Installation Package (P Category)

Background

CON17026 is for the replacement of 1,412 streetlights on the local road network (P Category lights) which are on the northern half of the District. This equates to approximately half of the P Category lights. It includes the streetlights north of SH14 and north of the Whangarei Harbour in the rural and coastal areas, and also the streetlights north of Manse Street in Whangarei City. It excludes the streetlights in Onerahi and the Whangarei Heads area that were part of the P Category trial which is just about completed.

The contract specifies that the suburb of Otangarei will be the first area to converted to LED.

This work is part of the overall LED streetlight conversion project. It consists of replacing the non-LED lights in the northern area with LED luminaires on a like-for-like basis. This work does not include any upgrades to the lighting.

Tender

The contract was publically tendered with tenders closing on 28 November 2017. Two conforming tenders were received. Tenders were evaluated using the Price Quality Method in accordance with the Roding Procurement Strategy and NZ Transport Agency's Procurement Manual:

| Tenderer | Supplier Quality Premium | Tender Price | Tender Evaluation Sum |
|---------------------------|--------------------------|---------------|-----------------------|
| Currie Electrical Ltd | \$ 4,942.00 | \$ 527,214.00 | \$ 522,272.00 |
| McKay Ltd | \$ 17,421.48 | \$ 569,114.05 | \$ 551,692.57 |
| Engineers Estimate | | | \$ 553,390.00 |

The Currie Electrical Ltd tender was found to have the lowest overall adjusted tender price and is therefore the preferred tender. This tender also had the lowest tender price.

An arithmetic check was undertaken and no errors were found in the Currie Electrical Ltd tender.

Financial

The Currie Electrical Ltd tender has a tender price of \$527,214.00, 5% lower than the Engineer's Estimate.

This work will be funded from the overall LED Streetlight budget of \$6,600,000 which has sufficient funding left to cover the tender amount.

General Manager and CE Approval

CON17026, for LED Streetlight Conversion - Northern Installation Package (P Category), was awarded to Currie Electrical Ltd for the tendered sum of \$ 527,214.00 (Five Hundred and Twenty-Seven Thousand, Two Hundred and Fourteen Dollars) excluding GST

| |
|---|
| CON17038 Te Matau a Pohe & Kotuitui Whitinga Bridges - Electrical Maintenance 2017 |
|---|

Background

CON17038 is for the inspection and maintenance of all electrical systems for the Te Matau a Pohe & Kotuitui Whitinga bridges. The contract has an initial term of two years and a potential roll over for another three years based on performance.

Tender

The contract was publically tendered on the Tenderlink website. Tenders closed on 2 November 2017. Only one tender was received. This tender was evaluated using the Price Quality Method in accordance with the Roding Procurement Strategy and NZTA Procurement Manual:

| Tenderer | Supplier Quality Premium | Tender Price | Tender Evaluation Sum |
|---------------------------|--------------------------|---------------|-----------------------|
| McKay Ltd | \$ 0.00 | \$ 258,876.14 | \$ 258,876.14 |
| Engineers Estimate | | | \$ 213,000.00 |

The McKay Ltd tender was found to be conforming, a check of the tender found that there were no arithmetic errors. McKay Ltd are also the incumbent electrical maintenance and bridge operations contractor.

Financial

The McKay Ltd tender price of \$258,876.14 is 22% higher than the Engineer's Estimate of \$213,000. A review of the McKay tender price indicated that the item for general management was priced significantly higher than the Engineer's Estimate. After seeking a breakdown of this price from McKay it was determined that their price for this item is reasonable and was underestimated in the Engineer's Estimate.

This work will be funded from the overall Roothing maintenance programme.

General Manager Approval

CON17038, for Te Matau a Pohe & Kotuitui Whitinga Bridges - Electrical Maintenance 2017, was awarded to McKay Ltd for the tendered sum of \$ 258,876.14 (Two Hundred and Fifty-Eight Thousand, Eight Hundred and Seventy-Six Dollars and Fourteen Cents) excluding GST.

CON17039

Te Matau a Pohe & Kotuitui Whitinga Bridges - Operations 2017

Background

CON17039 is for the operation of the Te Matau a Pohe & Kotuitui Whitinga bridges. The contract has an initial term of two years and a potential roll over for another three years based on performance.

Tender

The contract was publicly tendered with tenders closing on 15 December 2017. Tenders were evaluated using the Price Quality Method in accordance with the Roothing Procurement Strategy and NZTA Procurement Manual:

| Tenderer | Supplier Quality Premium | Tender Price | Tender Evaluation Sum |
|-----------------------------|--------------------------|---------------|-----------------------|
| Armourguard Security Ltd | \$ 10,230.00 | \$ 362,250.00 | \$ 352,020.00 |
| McKay Ltd | \$ 45,028.50 | \$ 420,367.55 | \$ 375,339.05 |
| Northern Districts Security | \$0.00 | \$ 348,079.36 | \$ 348,079.36 |
| Engineers Estimate | | | \$ 455,500.00 |

The Northern Districts Security tender had the lowest tender price and is therefore the preferred tender. Northern Districts Security have an excellent track record for their work on the City Safe and Town Basin security roles for Council.

A check of the Northern Districts Security tender found that there was an arithmetic error in their schedule as they had incorrectly changed one of the quantities. The correction of this error reduced the overall tender price by approximately \$26,000. Northern Districts Security have accepted this correction and confirmed that this will not affect their operation, or their ability to meet the contract requirements.

Financial

The Northern Districts Security tender price is 24% lower than the Engineer's Estimate. A review of the Northern Districts Security tender price indicated that their hourly rates were significantly lower than allowed for in the Engineer's Estimate.

After seeking clarification of how sustainable their hourly rates are, it was determined that their tender price is acceptable and that they can complete the contract requirements for their price.

This work will be funded from the overall Roothing maintenance programme.

General Manager Approval

CON17039, for Te Matau a Pohe & Kotuitui Whitinga Bridges - Operations 2017, was awarded to Caughey & Dignon Ltd, trading as Northern Districts Security, for the tendered sum of \$ 348,079.36 (Three Hundred, Forty-Eight Thousand and Seventy-Nine Dollars and Thirty-Six Cents) excluding GST.

| |
|--|
| CON17047 Scour Protection Works – 2017/18 |
|--|

Background

Contract 17047 is for scour protection works in the 2017/18 financial year.

Tenders were evaluated in accordance with the Conditions of Tendering stated in the tender documents. The tender evaluation method is Price Quality Method, in accordance with the NZTA Procurement Manual.

Tender

Tenders were received from the following Contractors.

| Name of Tenderer | Tender Sum | Supplier Quality Premium | Tender Evaluation Sum |
|---------------------------|--------------|--------------------------|-----------------------|
| The Rintoul Group Ltd | \$205,570.00 | \$0 | \$205,570.00 |
| Clements Contractors Ltd | \$207,540.99 | \$23,351.34 | \$184,189.65 |
| Donovan Enterprises Ltd | \$272,719.00 | \$19,808.44 | \$252,910.56 |
| Fulton Hogan Ltd | \$299,055.66 | \$36,272.53 | \$262,783.13 |
| Engineers Estimate | | | \$224,300.00 |

The Tender with the tender sum from Clements Contractors Ltd was 93% of the Engineer's Estimate and is considered competitive.

An arithmetic check was carried out on the lowest price received. No errors were found in the submitted Schedule of Prices. All non-price attributes were assessed as conforming.

Financial

The budget for the Scour Protection Works for 2017/18 is \$200,000.

General Manager Approval

CON17047 for Scour Protection Works was awarded to Clements Contractors Ltd for the tendered sum of \$207,540.99 (Two Hundred and Seven Thousand, Five Hundred and Forty Dollars and Ninety-Nine cents) excluding GST.

CON17060
Wilson Road Bridge No. 248 Upgrade 2017/18

Background

This contract is for the heavy maintenance of the Wilson Road Bridge No.248 by repairing structural steel components and applying protective coating to the steel superstructure and an upgrade of the maintenance platform.

Tender

Tenders have been evaluated in accordance with the Conditions of Tendering stated in the tender documents. The tender evaluation method is Price Quality Method, in accordance with the New Zealand Transport Agency Procurement Manual:

| Tenderer | Amount |
|-------------------------------|----------------------|
| Steve Bowling Contracting Ltd | \$ 119,437.78 |
| TBS Group Ltd | \$ 158,319.48 |
| Rudolphs Ltd | \$ 240,050.00 |
| JR Works Ltd | Non-conforming |
| Engineers Estimate | \$ 162,250.00 |

The tender price submitted by JR Works Ltd was not opened as their submission was not in accordance with the scope of works and was deemed non-conforming.

The tender price received from Steve Bowling Contracting Ltd is 74% of the Engineer's Estimate. An arithmetic check was carried out on the lowest price received. No errors were found in the submitted Schedule of Prices. All non-price attributes were assessed as conforming.

Financial

The budget for the Wilson Hill Rd Bridge 248 Upgrade for 2017/18 is \$150,000.

General Manager Approval

CON17060, for Wilson Hill Rd Bridge 248 Upgrade for 2017/18, was awarded to Steve Bowling Contracting Ltd for the tendered sum of \$ 119,437.78 (One Hundred and Nineteen Thousand, Four Hundred and Thirty-Seven Dollars and Seventy-Eight cents) excluding GST

CON17080
LED Streetlight Conversion - Southern Installation Package (P Category)

Background

CON17080 is part of the overall LED streetlight conversion project. It consists of replacing the non-LED lights in the southern area with LED luminaires on a like-for-like basis. This work does not include any upgrades to the lighting.

Tender

Contract was publically tendered on the Tenderlink website. Tenders closed on 12 December 2017.

One conforming tender was received. This tender was evaluated using the Price Quality Method in accordance with the Rading Procurement Strategy and NZTA Procurement Manual:

| Tenderer | Supplier Quality Premium | Tender Price | Tender Evaluation Sum |
|---------------------------|---------------------------------|---------------------|------------------------------|
| McKay Ltd | \$ 0.00 | \$ 562,457.49 | \$ 562,457.49 |
| Engineers Estimate | | | \$ 601,129.00 |

The McKay Ltd tender was found to be conforming. An arithmetic check was undertaken and no errors were found in the tender.

Financial

The McKay Ltd tender was 6% lower than the Engineer's Estimate. The contract for the LED Streetlight Conversion - Southern Installation Package can be funded from the approved budget of \$6,600,000 which has sufficient funding left to cover the tender amount.

General Manager Approval

CON17080, for LED Streetlight Conversion - Southern Installation Package (P Category), was awarded to McKay Ltd for the tendered sum of \$562,457.49 (Five Hundred and Sixty-Two Thousand, Four Hundred and Fifty-Seven Dollars and Forty-Nine Cents) excluding GST.

| |
|---|
| CON17083 Kamo Shared Path Rail Level-crossings - Stage 1 |
|---|

Background

The Kamo Shared Path generally follows the North-Auckland Rail Line, for most of the route North of Rust Ave. The main path crosses the rail line at the Whangarei Primary School and there are several connections to the main path which also cross the rail line.

Council has received a quote from a KiwiRail nominated contractor, for works on the rail line. This includes two of the five major rail crossings, both of which require automatic pedestrian gates.

The works included in the quote are for the design and build of the Vinery Lane and Whangarei Primary School level-crossings. These works are part of KiwiRail's requirements to Council to enable the construction of the shared path within their rail corridor.

Tender

Works on the rail line are normally only completed by KiwiRail, with Council then being directly billed. However, due to the earthquake rebuild KiwiRail do not currently have sufficient capacity to undertake this work for Council.

KiwiRail have confirmed that a nominated company, Siemens, are the only qualified/certified supplier in New Zealand and that their quote is reasonable when compared to KiwiRail commissioning the works themselves.

While direct procurement by a sole supplier is outside Council's standard procurement rules this is a unique situation where there are no other approved/qualified suppliers in New Zealand.

NZTA have approved the direct appointment of a monopoly supplier in this instance and both KiwiRail and their contractors are approved monopoly suppliers in the NZTA Procurement Manual.

Financial

The budget for this element of the Kamo Shared Path project is \$800,000. Siemens quote is \$785,532, there is a contingency of \$14,468.

General Manager Approval

CON17083, for Kamo Shared Path Rail Level-crossings - Stage 1, was awarded to Siemens Ltd for the tendered sum of \$ 800,000 (Eight Hundred Thousand Dollars) excluding GST.

4.0 Infrastructure Planning and Capital Works

CON17030 201-209 Port Road Demolition

Background

CON17030 is for the demolition of the industrial buildings at 201-209 Port Road. Historically, the site has been used for the bulk storage of fertiliser products, most recently by Ballance Agri-nutrients. In 2017 Council purchased the leasees interest for \$1 with the intention of redeveloping the site.

A dangerous building notice covers many of the existing site buildings and a budget to demolish the buildings and undertake an Environmental Site Assessment was included in the Annual Plan. A large proportion of the buildings are clad in 'super six' asbestos sheeting, making it essential to engage a Class A asbestos remover to perform the demolition works.

Given the nature of the works Infrastructure Planning and Capital Works are project managing this contract.

Tender

The tender was publicly advertised via TenderLink and closed 3 November 2017. Tenders were evaluated using a Lowest Price Conforming method in accordance with the Whangarei District Council Procurement Policy. A total of six tenders were received:

| Tenders | Amount |
|---------------------------|-----------------------|
| Nikau Group | \$623,081.00 |
| Ceres New Zealand | \$702,900.34 |
| Barfoote Construction | \$881,512.68 |
| Steve Bowling Contracting | \$1,429,674.03 |
| ATL Group | \$1,440,781.45 |
| Protectus | \$1,548,474.00 |
| Engineers Estimate | \$1,000,000.00 |

While the tender from Nikau Group was the lowest price arithmetical errors resulted in the tenderer electing to withdraw their submission. Ceres New Zealand supplied the second lowest price and conformed with all tender requirements.

Financial

The tender price submitted by Ceres New Zealand is below the Engineer's Estimate of \$1,000,000 and within the \$1,500,000 project budget.

Chief Executive Approval

CON17030, for 201-209 Port Road Demolition, was awarded to Ceres New Zealand for the tendered sum of \$ 702,900.34 (Seven Hundred and Two Thousand and Nine Hundred Dollars and Thirty-Four cents) excluding GST.

5.2 Infrastructure Operations Report – February Update

Meeting: Infrastructure Committee
Date of meeting: 8 February 2018
Reporting officer: Simon Weston (General Manager Infrastructure)

1 Purpose

To provide a brief overview of work occurring in the current financial year across services that the Infrastructure Committee is responsible for.

2 Recommendation

That the Infrastructure Committee notes the Infrastructure Operations Report February 2018 Update.

3 Background

In December 2016, Council adopted committee terms of reference for the 2016-2019 triennium, with the purpose of the Infrastructure Committee being to ‘oversee the management of Council’s infrastructural assets, utility services and public facilities’.

This report provides the Committee with a brief summary of the operational highlights from the Infrastructure Monthly Report, December 2017.

4 Significance and engagement

The decisions or matters of this report do not trigger the significance criteria outlined in Council’s Significance and Engagement Policy, and the public will be informed via report publication.

5 Attachment

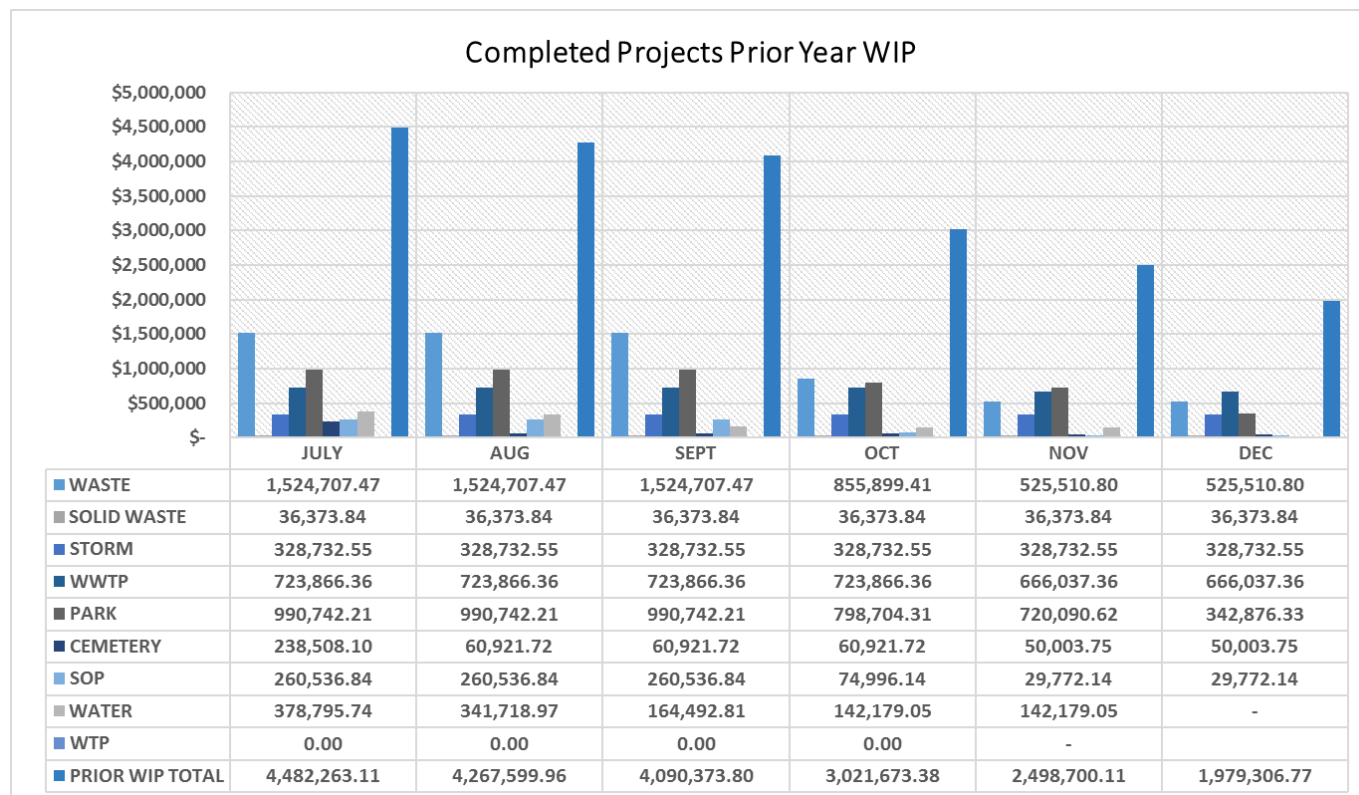
Infrastructure Operations Report – February 2018

Infrastructure Operations Report – February 2018

Development Engineering

Capitalisation

Projects from Parks, Water and Wastes and Drainage enter the work in progress account (WIP) upon commencement and are removed to Hansen Clearing once closed and documentation required for capitalisation has been provided. The prior period WIP reduced by a further \$519,394 in December, the distribution of which is provided in the graph below:



Since July the balance of prior period WIP has reduced by just over \$2.5 million.

Environmental Engineering Standards

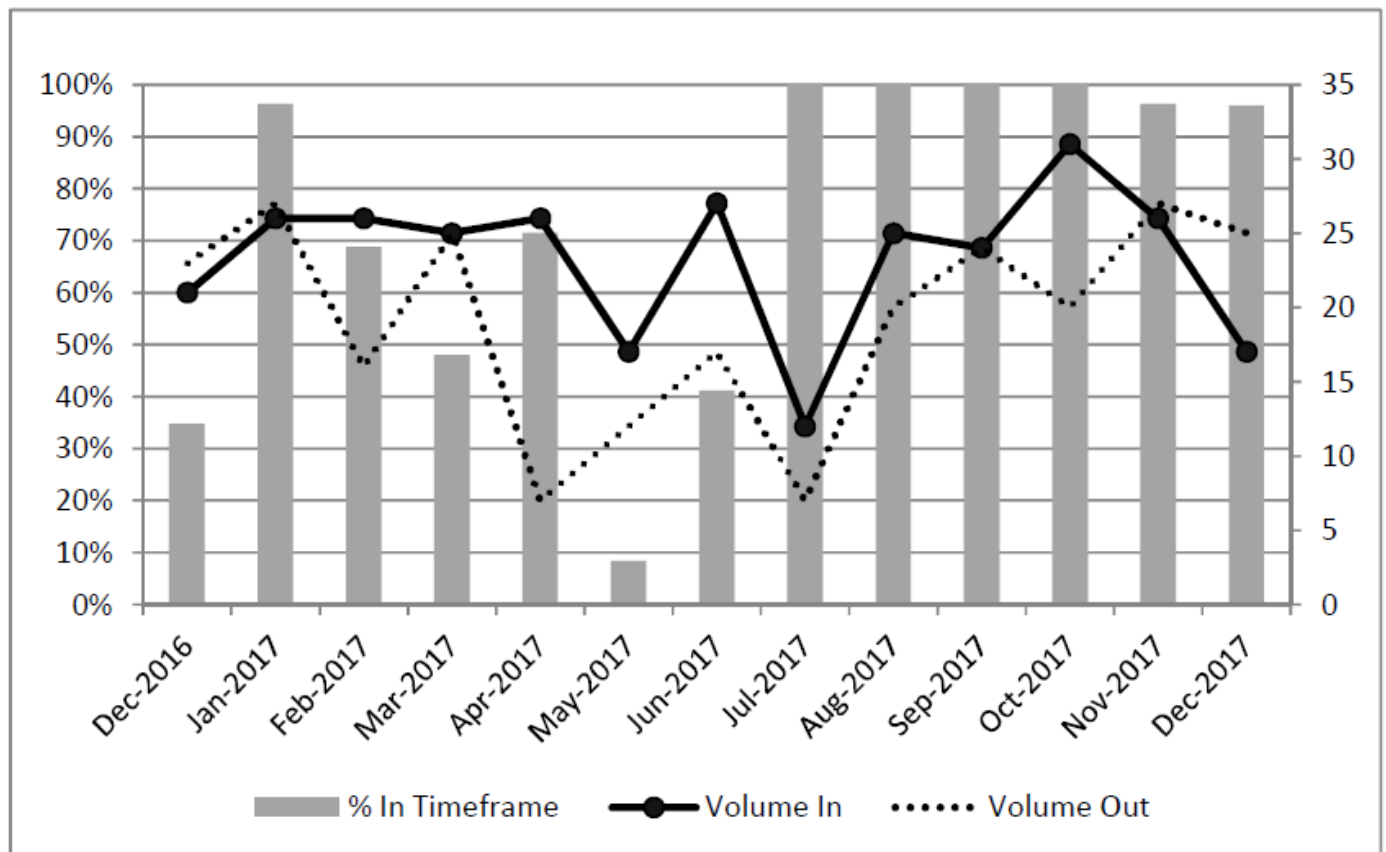
A report on feedback received from practitioners was provided to the November Infrastructure Update and staff are continuing to incorporate feedback to the draft EES. Work is also ongoing on the associated changes to the District Plan with the Planning and Development and Infrastructure teams working closely to define both the technical triggers associated planning provisions.

Asset Management and the Long Term Plan

Since the restructure, the Infrastructure Development Department have taken on formal co-ordination of the Asset Management and Long Term Plan portfolio for Infrastructure. This is portfolio involves co-ordinating the development of asset management plans by each of the activities (there is a dedicated asset manager in each department), producing a 30 year Infrastructure Strategy and co-ordinating development contributions modelling. There were a number of activity, development contributions and Infrastructure Strategy briefings over the course of 2017, culminating in the adoption of the Infrastructure Strategy for Audit in December.

Development Engineering

The Resource Consent Development Engineers shifted to Infrastructure when the new structure came into effect on 01 July. This coincided with the Team filling the vacant Development Engineer's position which has in turn assisted in 100% of applications being processed within timeframe over from July to October.

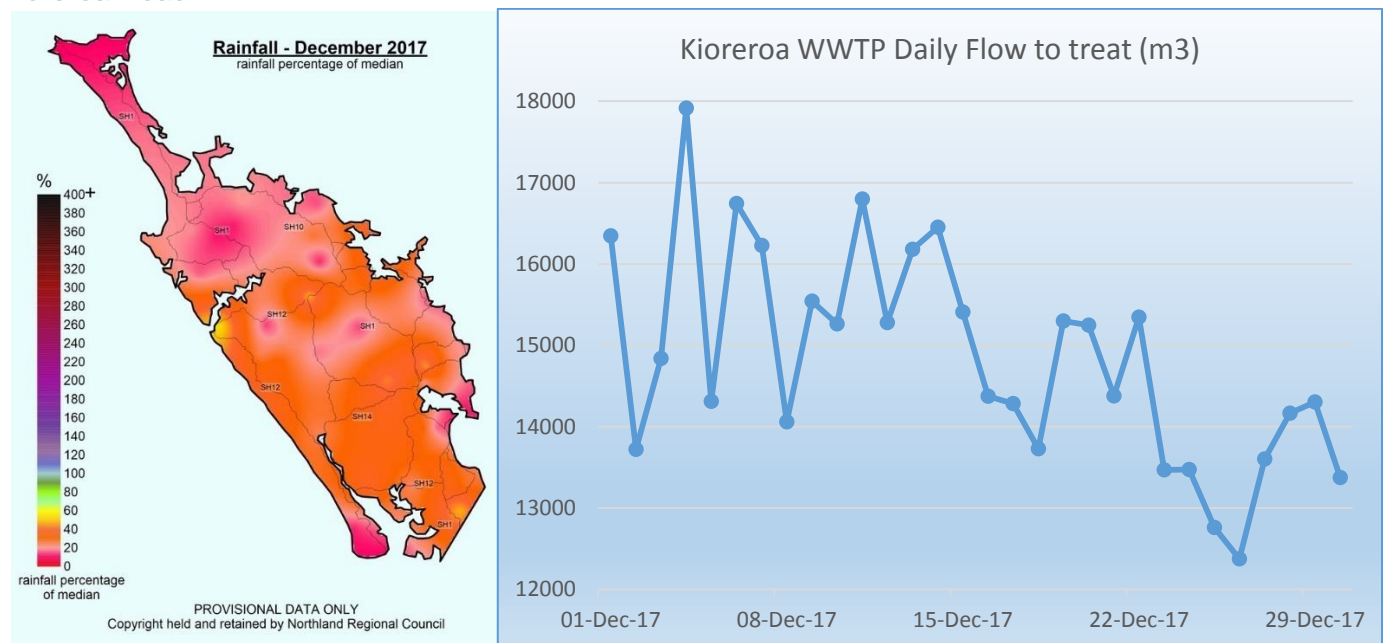


However, the volume of applications received remains high and there was a slight drop during November and December, where 96% of applications were processed within timeframe.

Waste and Drainage

Wastewater

Kioreroa Road WWTP



NRC image depicting the percentage of normal rainfall and graph illustrating the flow in m³/d through Kioreroa Rd WWTP

Operations and Maintenance

Health and Safety

- Site plan sent to NZ Fire Service
- Parua Bay School visit; too many children per adult; parent rolled ankle on steps
- Cracked windscreen in ute repaired

Maintenance Kioreroa WWTP

- Toxic event occurred, both digesters nearly inactive
- Negative impacts on anaerobic digestion, no gas for boiler and generator
- NaOH (sodium hydroxide) on site to help with PH if needed
- Biogas generator faulted out; compression test poor 120PSI to 200PSI
- Boiler 2 serviced
- Weeds sprayed, trickle filter ports cleaned, filter 4 oil off colour
- Front gate faulted, set up and working again

Rural WWTP

- Oakura sludge levels low
- Fence cut at Ruakaka at Simes Road entrance
- Ngunguru wetlands sprayed
- Problems with Tutukaka UV

Human Resources

- Jason Kiddie passed his national certificate
- Interviews held for treatment plant operator

Reticulation

There were no sewerage spills in December.

Solid Waste Operations

Monthly tonnages are shown in the table and charts below.

| Rubbish Collection Tonnes | | | | | | | | |
|---------------------------|-------------|-------------|-------------------------|-------------|-------------|-------------------------|-------------|-------------|
| | 2017/18 | 2016/17 | RTS Tonnes | 2017/18 | 2016/17 | Recycling Tonnes | 2017/18 | 2016/17 |
| June | | 690 | June | | 277 | June | | 532 |
| May | | 736 | May | | 328 | May | | 658 |
| April | | 653 | April | | 368 | April | | 566 |
| March | | 766 | March | | 321 | March | | 561 |
| February | | 622 | February | | 311 | February | | 701 |
| January | | 762 | January | | 412 | January | | 668 |
| December | 742 | 760 | December | 439 | 406 | December | 782 | 621 |
| November | 764 | 758 | November | 311 | 386 | November | 624 | 589 |
| October | 690 | 663 | October | 316 | 371 | October | 623 | 563 |
| September | 630 | 656 | September | 323 | 298 | September | 527 | 688 |
| August | 764 | 681 | August | 330 | 332 | August | 441 | 567 |
| July | 634 | 535 | July | 264 | 297 | July | 583 | 515 |
| Total for period | 4224 | 8282 | Total for period | 1983 | 4107 | Total for period | 3580 | 7229 |

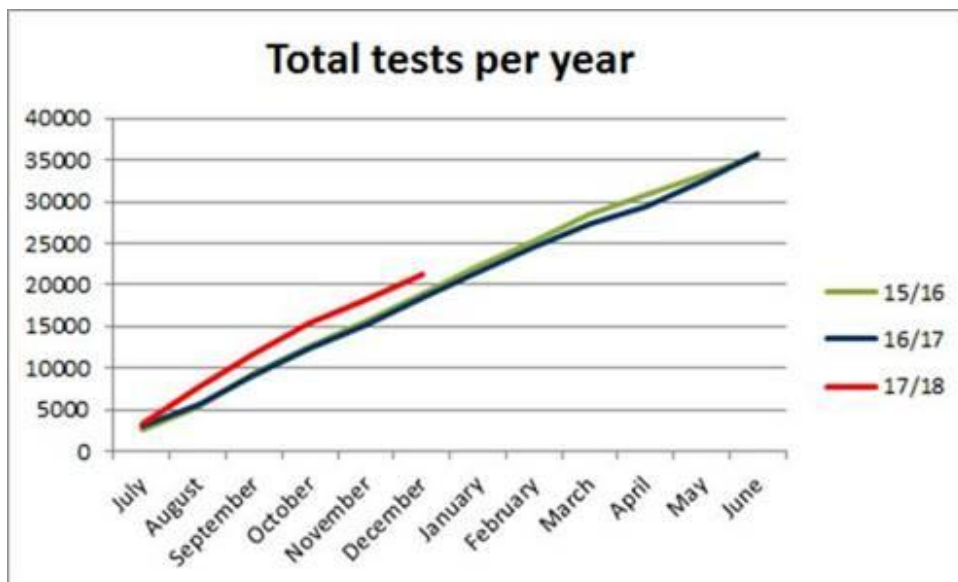
Kerbside Rubbish and Recycling Collection and Rural Transfer Station Operations

Rubbish and recycling collections the week after Christmas was one day later due to the public holiday which caused confusion for some customers. This was compounded by the extra summer coastal collections not starting until the week beginning 1st January despite being advertised as starting on the 29th and 30th December.

Transfer station operations were frustrated by a couple of site break-ins and a spike in dumping of waste at the gates.

Laboratory Report

The Laboratory received 1209 samples requiring 3196 tests during December; 227 tests were subcontracted. 75% of jobs were reported within 5 working days. Sample numbers are tracking at 19% more than last year.



The Laboratory continues to work with NRC on providing the data to complete Northlands contribution to the 'can I swim here' website. <https://www.lawa.org.nz/explore-data/swimming>

Infrastructure Planning & Capital Works

Projects

Sense of Place Projects

- **Carpark to Park:** Initial scoping works on the Carpark to Park project are completed, including concept design and budget estimates. The Car Park to Park Working Party has been formed and is underway. The project team are working closely with the Hundertwasser team to ensure coordination of the design, communications and ultimately the construction works.
- **Blue Green Network:** Indicative designs and costs estimates have been completed and discussions have been held with NRC and NZTA, who are interested in the project and may contribute to the funding. The project is now on-hold until the Long-Term Plan has been confirmed.
- **Hatea Loop Lighting:** Contract Awarded to McKay. Physical works begun 17 October 2017 and run through to March 2018.
- **Amenity Dredging:** Now that the budget has been confirmed for the 17/18 financial year planning and procurement are underway to complete this year's works. The works will continue what was started in 2016/17.
- **Whangarei Entrance Ways Signage:** The civil works for the new Entranceway and Signage at Mander Park was completed December 2017. Planting will be completed after the hot summer months once weather is more favorable for plants to establish.
- **Camera Obscura:** This community-led project proposes the construction of a camera obscura on Pohe Island looking at Te Matau a Pohe Bridge. The detailed design is completed. Funding sought by the external project team for landscape elements, paths, lighting and CCTV was approved by Council's Infrastructure Committee in September 2017. The external project team is now seeking funding from contractors and other external sources. Construction is planned to commence in August 2018.

Parks & Recreation Projects

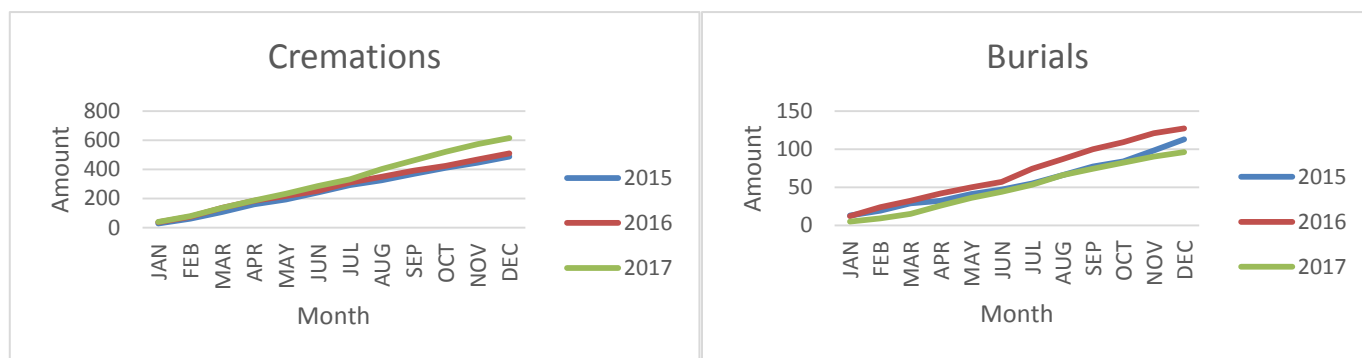
- **Matapouri Beach Restoration:** Design of the beach replenishment scheme is complete and a peer review currently underway. Following peer review, community consultation will begin and the consent application will be lodged. It is anticipated that replenishment works will be undertaken from April 2018.
- **Ngunguru Foreshore and Seawall Renewal:** Replacement and upgrade of the existing seawall along the Ngunguru estuary foreshore in three different locations is planned over the next two years. Construction of Stage 1 has been completed. Stage 2 is undergoing Iwi consultation. Stage 3 has been removed.
- **One Tree Point Cliff Erosion Management:** This project is on hold until a coastal erosion protection strategy along the whole of One Tree Point has been completed.
- **One Tree Point Seawall Investigation:** The investigation will look at the entire length of coast around the One Tree Point area and will be the first step to develop a consistent approach to erosion management in the area. The tender for professional services closed on the 15th of December, and submission will be evaluated in January 2018.

- Seawall Renewals 17/18: The design and consenting works have been awarded to Hawthorn Geddes and are underway.
- Sandy Bay Beach Restoration: Culvert extension/rock wall, car park reshaping/surfacing and drainage works have started construction in November and are due for completion in January 2018. Preparation of Concept Plans are scheduled in January to improve the amenity value of Sandy Bay. Remedial work to the sand fence is required after storm damage.
- Hora Hora Sports Fields Renewals: Both fields are now open for use. The final inspection and sign-off of the second field is due to occur in December.
- Otaika Sports Park Field Construction: The construction of two new sports fields at Otaika, including lighting, irrigation and drainage is currently underway, and the fields will be ready for the winter season April 2019.
- Hikurangi Multiuse Hardcourt: Construction of the hardcourt is now complete with only minor finishing works required. An application for resource consent to install the lighting has been lodged.
- William Fraser Memorial Park Development Pohe Island: Professional Services have been awarded to Hawthorn Geddes to design and document the central island carpark design through to physical works. Fill importation negotiations are continuing with importation likely to start February 2018.
- Laurie Hall Park: Construction drawings for stage 2 of the upgrade of Laurie Hall Park were completed in December, however the tender will be delayed until the Roding Department have finalised the lighting master plan for Laurie Hall carpark. Drainage works have been tendered separately and construction is planned to commence in February 2018. Construction of the new pathways, drainage and lighting is planned to be completed by June 2018.
- Parihaka Track Renewals: Construction tenders were received in early December and the contract was awarded prior to Christmas. Construction is anticipated to commence early 2018 with Dobbie and Drummond Tracks completed by July 2018, and Ross Track to follow July to September 2018.
- Ngunguru Cycleway Track: A consultation workshop was held 27 September at Ngunguru Hall; the final date to receive feedback on the proposals was 20 October 2017. The consultation responses are being reviewed and works designed accordingly. Construction work is anticipated to commence early 2018.

Parks and Recreation

Operational updates

The Walking Track Maintenance Contract is currently out to tender via Tenderlink. It is proposed that completed tenders be submitted in January 2018 in preparation for a 1st April start.



Burial numbers are continuing to be lower than 2015 and 2016 while cremation numbers are higher than other years.

Storm damage to the One Tree point west sea wall has been significant. This wall is old and failing in places. Several repairs have been done over the past years, but failures are now becoming too frequent. To remedy this situation, staff have requisitioned a report seeking options for all the coastline from Pyle Road West to Marsden Cove, so this section of seawall is included with that study. In the meantime, interim repair measures are being organised.

Only 25 mm of rain fell during December, so sportsparks are starting to show signs of moisture stress where irrigation is not available. Even on irrigated fields, the groundsman is using the drier conditions to stress the Poa annua grass which will help to prevent it becoming too dominant.

There was a very busy but successful start to the cricket season at Cobham Oval. Two Ford Trophy matches and the West Indies vs NZ Selection warm up game and then the full West Indies Black Caps one day'er on the 20 December. Feedback from all the games has been good, with the pitch report stating that the block performed well with good pace and bounce.

Weather conditions allowed us to complete renovation works as planned on a number of the soil based fields. This work included mole ploughing and sanding on site across the district, including Hukerenui, Portland, Morningside, Otaika, Kamo and Kensington.

Weeds in couch fields is causing issues for players and contractor. In particular Kikuyu and Paspalm are proving very difficult to eradicate, as there is no selective herbicide available to take them out. Different methods of control are being tested but most involve using chemicals which also harm the couch, and we have to then allow a period of time for the couch to recover and grow over.

Relevelling work has been undertaken at the Ruakaka Sportspark, and the area affected was sown down during December. Temporary irrigation is being used to ensure a consistent strike. The works should eliminate the problem of ponding through the middle of the park which had become worse in the last couple of years. The Recreation Society and the local soccer club have been instrumental in spearheading this works with support from the council.

The Tree Maintenance Contract renewal is progressing well with 6 tenders received and the evaluation completed. This will be reported to the February Council meeting.

The quality of maintenance in the city was good this month, with monthly audit averages of 96.27%. This is a high average, certainly meeting the contract KPI's.

With the dry weather pattern during the month of December, the contractors horticulture teams were busy watering the hanging baskets as well as the annual bedding displays, which both are showing great colour at the moment. The 'Bubblegum' Petunias in the hanging baskets all look great.

Thinkwater has continued to thoroughly overhaul the irrigation system in the Town Basin to ensure it is running smoothly throughout Summer.



Freedom Camping frustrations continued throughout this month which meant that some of the coastal sites were unable to be mown due to large volume of visitors all over the turf areas. The dry weather has somehow helped to keep the growth of the grass under control. The boat ramps were water blasted again in the week leading up to Christmas, ensuring the increased volume of boat ramp users to have safe footings.

Alterations were made to the Pocket Park seating, including the installation of a small deck onto the main deck. The sandpit also had an additional 7m³ of sand added to it.

Further installation of Bylaw signs occurred throughout the district. These included Dog signs, alterations to the Freedom camping signs and Vehicle on Beach signs.

We have installed new Hydraulic hinges to the Dog park gates that are self-closing, including new lock latch gate handles.

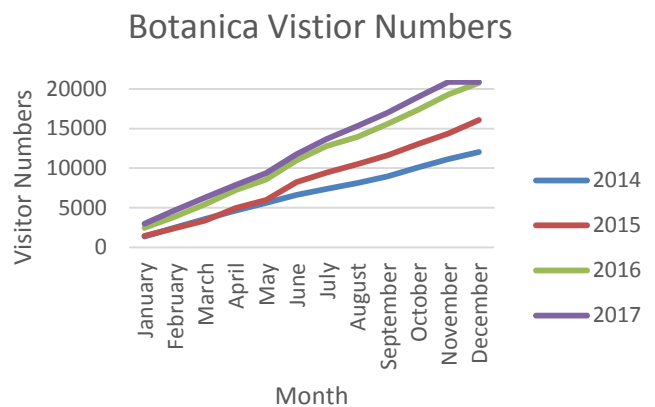
At Marsden Bay Reserve, bollards and a chain gate have been installed to the foreshore. A new measure of Cut proofing the bollards was done where holes were drilled into the bollards vertically and D10 reo bar knocked down into the bollard.

The middle bridge on the Kiteone Loop walk was destroyed by the Big Tow Truck trying to winch itself out, this bridge has now been completely rebuilt with new posts and Stainless steel fixings/ bolts.

Our contractor removed glass from Lancaster and Beach Rd playgrounds, removed dog poo from Kensington playground, removed graffiti from Tarewa Park, Tait St playground and Sherwood skate park, repaired a drainage grate at William Fraser skate park, and replaced some missing boards off the playground in Ngunguru.

The current playgrounds and skate parks maintenance contract finishes on the 1st April 2018. A preferred supplier has been identified and the procurement process will be complete in January.

The new Botanica roof project provided an opportunity to re-arrange and re-pot many of the larger plants. It was very hot and muggy and the team did an amazing job to shift around the large plants to create a new look. The new roof provides loads more light to the conservatory and with the make-over it has a completely different atmosphere.



Botanica visitor numbers continue to exceed previous years with a drop off during December while the up-grade work was undertaken.

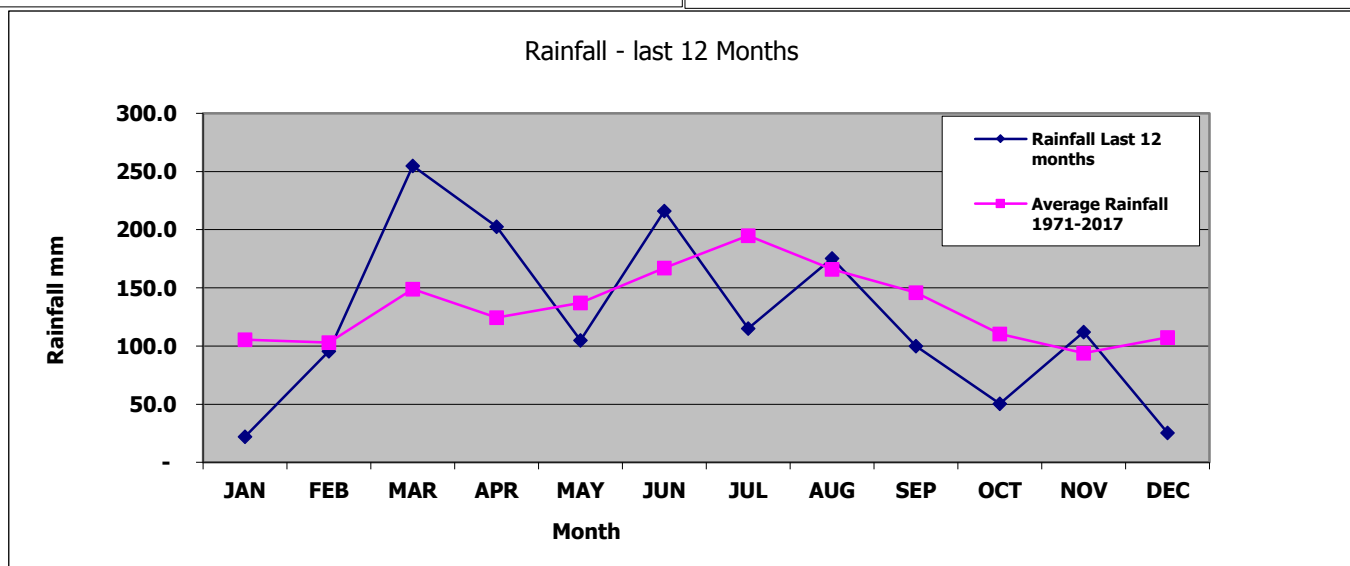
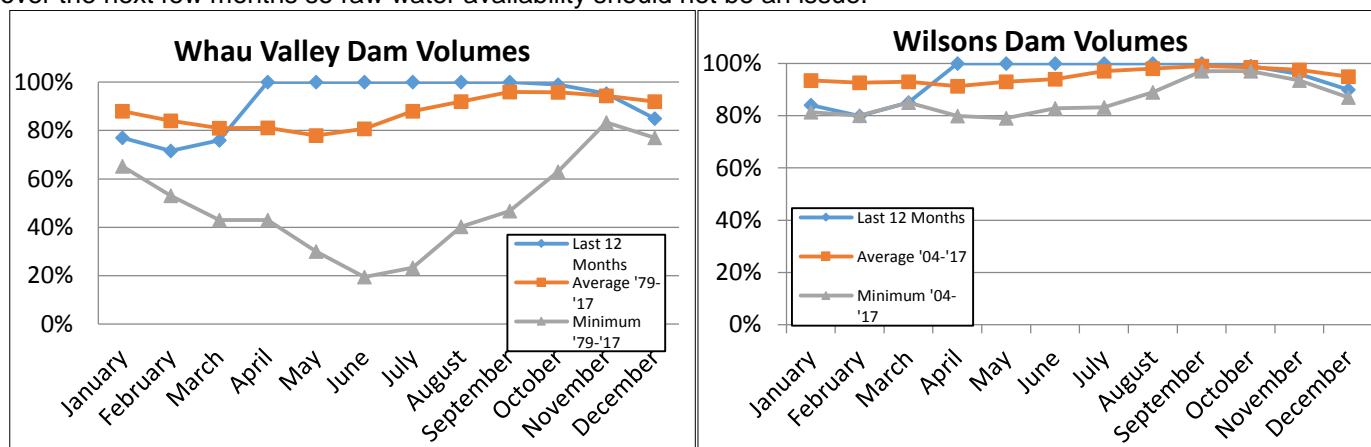
Recreation Strategy

A workshop has been scheduled for February to develop the scope of this strategy.

Water Services

Rainfall and Water Sources

December was a lot drier than normal with only 25.5 mm of rain compared to an average of 107.4mm. The end of November was also dry which led to low water levels some parts of Northland although Whangarei rivers remained steady. This coupled with the high temperatures led to an increase in demand in the lead up to Christmas. Overall for the year the total rainfall was just below average with 1495mm compared to the average of 1604mm. Dam levels have started to drop faster with the long spell of dry weather. Both dams are slightly below average for the time of year with Whau Valley at 85% and Wilsons at 90%. The long range forecasts indicates that there is an increased chance of rain over the next few months so raw water availability should not be an issue.



Production Report

During the afternoon of Monday 8th January, poor quality water was drawn into the Ruakaka Water Treatment Plant from one of its sources. This water caused the floc in the mixing tank to become very light and rise up through the clarifiers. This light floc then flowed onto the filters and they soon became bound up and the plant had to be shut down. Staff worked throughout the night to try and get the plant running again. By morning the clarifiers were still not clear and the reservoir levels were dropping fast with holiday peak demand and the Refinery normal demand. The Refinery had been asked to reduce demand the previous evening and a notification was made to all customers in the Bream Bay area to also conserve water. The refinery conserved water and continued to operate, albeit with a significant slow-down in production, based on taking less than 20 percent of its normal daily water intake from the Council. Staff continued to work through the day to clean the clarifiers and filters and were assisted by Refinery personnel to make room in the on site tanks for the wash water. The clarifiers finally came clean around 7pm and the filters were back on line by 9pm. The reservoirs subsequently took five days to fully recover. The cause of the poor quality water is unclear although it is suspected it might have come from the Ruakaka River. However, by the time the water was tested it no longer show any signs of contamination. An investigation will be undertaken and report on the incident will be prepared.

Capital Works

Work has started on the preliminary design for the new Whau Valley Water Treatment Plant. This will be followed by the detailed design before the work can be tendered. Work on the meter replacement contract continues and is being undertaken by Downer. The Ruddells raw water line replacement project was tendered before Christmas and work is likely to start on site by mid-February.

Roading

Maintenance

The pre-reseal repair programme has continued for the reseal programme for this year. A programme of heavy metalling and maintenance grading of the unsealed roads has continued to prepare roads prior to Christmas. Cyclic crews have been clearing blocked culverts, repairing edge breaks and signs and filling potholes. Urban crews have been working on vegetation, signs and footpath repairs.

Pavement Rehabilitation and Seal Extensions.

The programme of rehabs on rural roads has commenced and is programmed to be all completed by April of next year. Works have been completed on 3 small sections on Kokopu Rd, as well as a major slip repair on Abbey Caves Rd. A section on Springfield Rd, and Rehabs on Pipiwai Rd and Whatitiri Rd are currently under construction. The seal extension contract for 2.5km of new seal on Wrights and McCardle Rds has been awarded and construction started in early late November. Two of the 6 sections of road to be sealed as part of this project were completed and sealed prior to Christmas.

Bridge Repair

The upgrade of the first of the bridges on Doctors Hill Road and the Thompson and Old Tokatoka Rd bridges are now complete. Upgrade of the second bridge on Doctors Hill Road, Ararua Rd and Wilson Rd bridges will be completed by April of next year. Investigations for the rest of the bridges on the repair programme for the year are currently underway with tenders currently out to the market.

LED Street Light Conversion

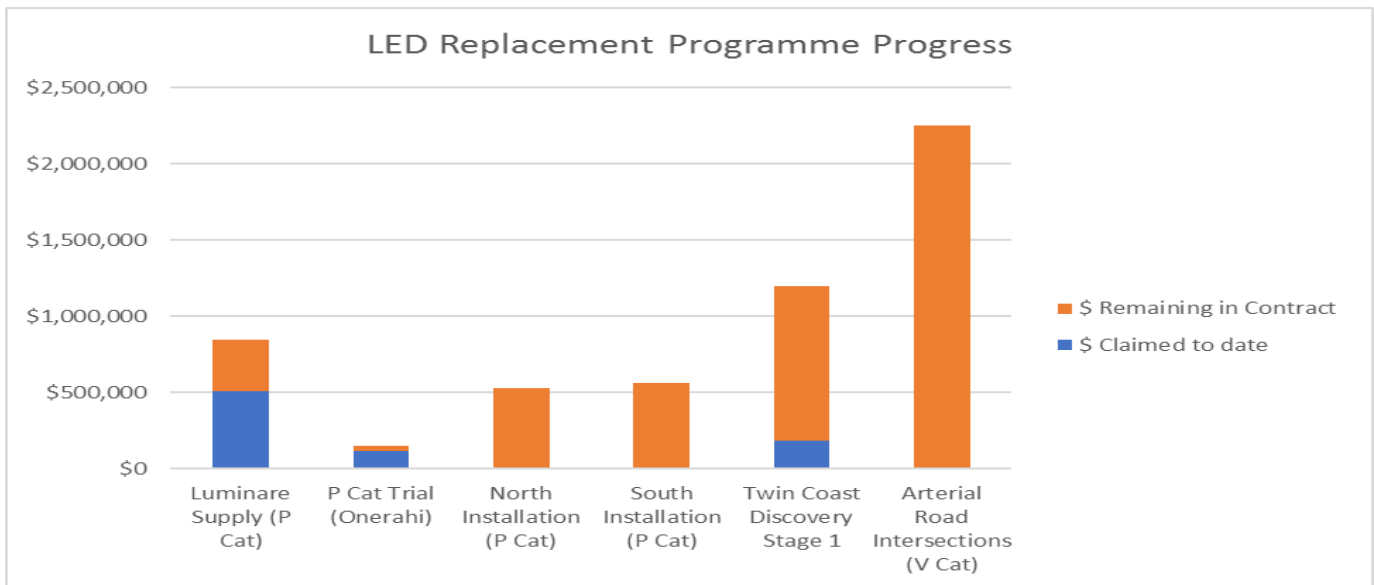
Funding has been approved from NZTA for \$6.6M to replace the existing streetlights with energy efficient LEDs. This work is funded at 85% FAR (subsidy) and is to be completed by 30 June 2018. The contract for the supply of 3,300 P-Category (local road) lights has been awarded. The first 450 lights have arrived from Italy and the first of these lights have started to be installed by Council's streetlight maintenance contractor as a trial run in Onerahi and Whangarei Heads. 90% of these lights have been installed so far.

The first shipping container of the remaining P-Category lights (local road) have been delivered to the Contractor for the, P-Category Northern Package. A second container of P-Category lights is due for delivery in the middle of January for the LED Streetlight Conversion Contract – P-Category Southern Package.

The two contracts for the installation of the P-Category lights in the northern and southern halves of the Whangarei District Council area have now been awarded to Curries and McKay's.

The tender for the upgrade of the V-Category (Arterial road) lights on the Twin Coast Discovery Highway in Whangarei City has been awarded and construction is underway. This work includes some new infill lighting. Completion of this contract is due in April 2018.

The remaining V Category lights are to be designed by December for the intersections and by March 2018 for the mid-block areas. Tenders for the intersection work are expected to go out in January 2018.



Kamo Cycleway

The stage 2 contract (Cross St to Kamo Rd) has been awarded and construction has commenced. Construction of the cycleway for Stage 1 will be complete by the end of January but works on the Railway and Crossing controls will not be completed until March.



Construction Stage 2

The programme of works and progress is reported below:

Stage 1 (CON16020 Rust Avenue to Cross Street)

- Civil works 95% complete
- Fencing at Whangarei Club to be completed by the end of January
- Railway signalling to be done by KiwiRail contractor late March
- Planting in autumn/winter.

Stage 2 (CON16086 Cross Street to Kamo Road)

- Works have started on SP 1 (Separable Portion 1). This comprises of clearing the route up the eastern side of the railway line and any associated fencing.
- SP 1 Cross Street to Wrack St is expected to be completed by June 2018.
- SP 2 Wrack St to Kamo Rd will start in July 2018.

Stage 3 (Kamo Rd to Jack Street)

- Design completed, awaiting KiwiRail feedback
- Physical works in 2018-19

Stage 4 (Adams Place to Fisher terrace)

- Path design mostly complete
- underpass preliminary design completed, awaiting KiwiRail feedback
- Underpass construction likely to take place during Labour weekend 2018

Stage 5 (Fisher Tce to Kamo village)

- Scoping design underway for future extension

Walking and Cycling Strategy

The Walking and Cycling Strategy 2012 is currently undergoing its 5-yearly review. The updated strategy will be the keystone for securing funding for urban walking and cycling projects, as well as strategic regional walking and cycling connections through Whangarei District.

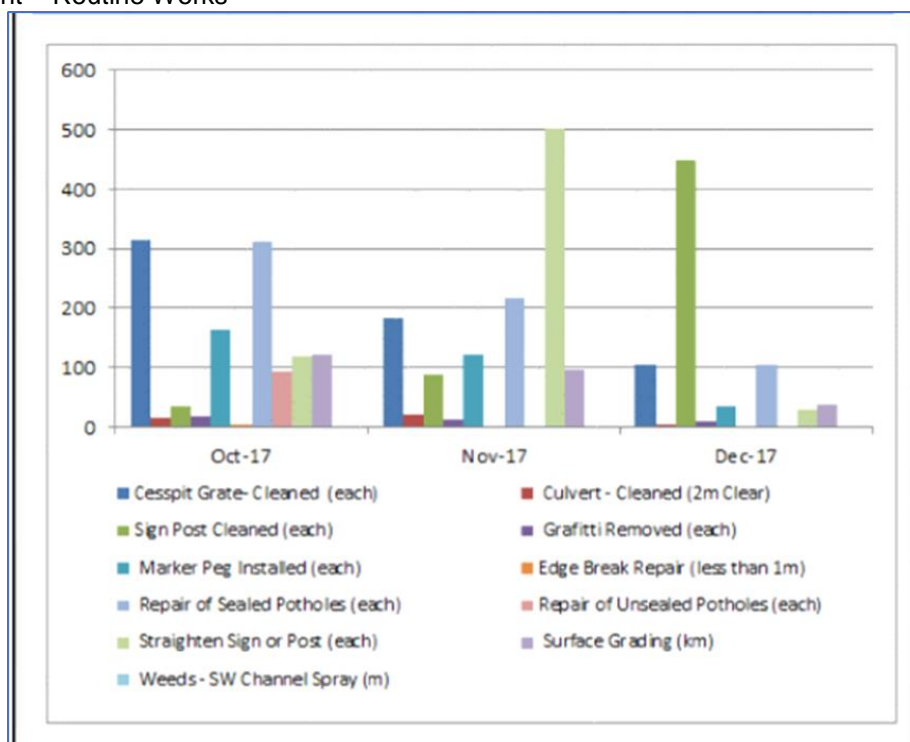
An initial review has been undertaken, which has included consultation with Council's Walking and Cycling Reference Group, Northland Regional Council and other key stakeholders. A workshop with key stakeholders is planned for 9th February. The focus of this workshop will be on agreeing the major issues and goals for the Strategy, as well as prioritising strategic actions and implementation mechanisms.

It is anticipated that the Draft Strategy will be available for formal public feedback in April 2018.

Waipu Cycleway (Trust) – physical works planned for 2018. Stage 1 got a highly-commended award for the NZTA taking communities on the journey, which was announced at the Asia Pacific Cycle Congress in Christchurch on October 19.

Roading Operational Outputs

Monthly Achievement – Routine Works



Whangarei District Road Safety Promotion December 2017

Activities undertaken:

- **SAiD (Stop Impaired Driving):** 3 participants completed the December course, making 36 for the full year.
- **Drive Soba:** 9 completed a programme in December, and 33 for the full year.
- **Young Drivers:** 16 learners passed in December course making 129 for the year.
- **Community Mentor Driver Programme:** all 8 who sat attained a restricted licence this month. A total of 75 successful candidates for the year.
- **Restraints:** A new project is being planned to target at risk Kindergarten children and initially two programs will be run at Manaia View and Raumanga. This will include Plunket, Kindergartens, Family works social worker and police SCOs. Car Seat checking clinics will be held in Manaia View on 20 February and Raumanga on 6 March in the adjacent Church.
- **RYDA:** 12 Secondary Schools in the District have committed to the RYDA programme for 2018 so far.

Key district issues

- Young Drivers
- Alcohol and/or drugs
- Speed
- Rural speed zone loss of control/head on
- Intersections

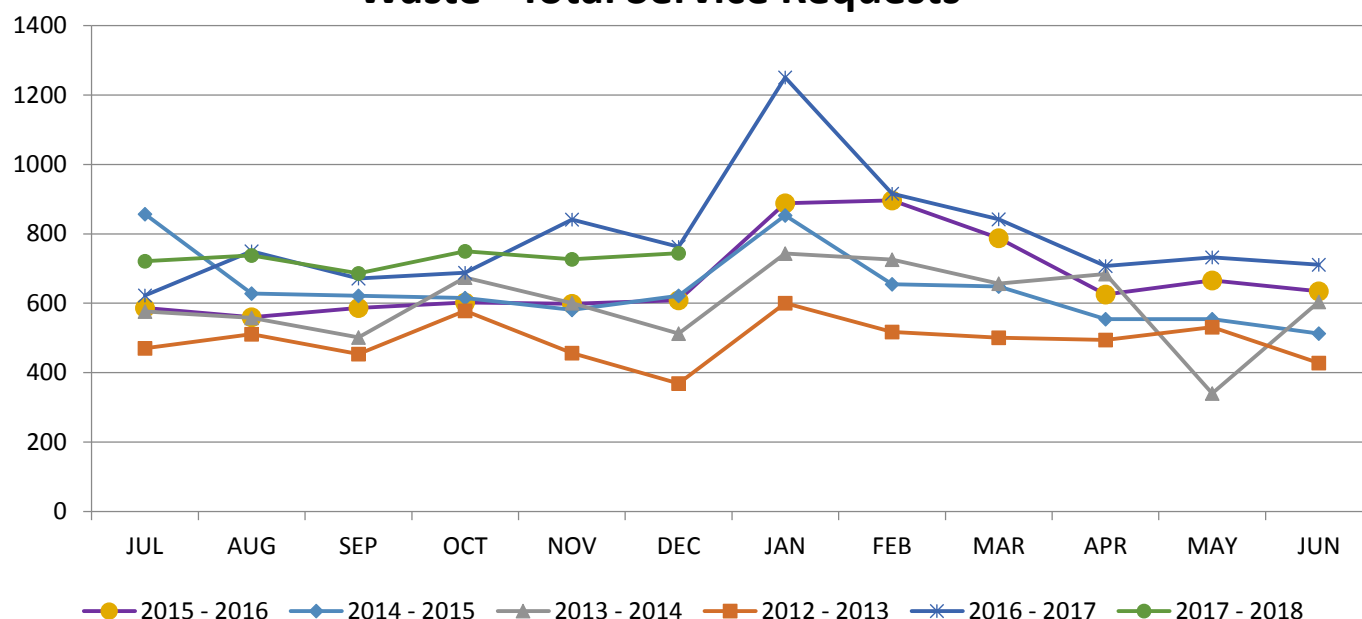
Northland Road Toll

| Road Toll | Total for all 2015 | Total for all 2016 | End Dec 2017 |
|-----------|--------------------|--------------------|--------------|
| Whangarei | 11 | 9 | 14 |
| Kaipara | 2 | 9 | 5 |
| Far North | 10 | 9 | 22 |
| Totals | 23 | 27 | 41 |

Customer Relationship Management Services

The Infrastructure Group received a total of 1466 CRMs in the month of December. 28,852 CRMs in total for 2017.

Waste - Total Service Requests

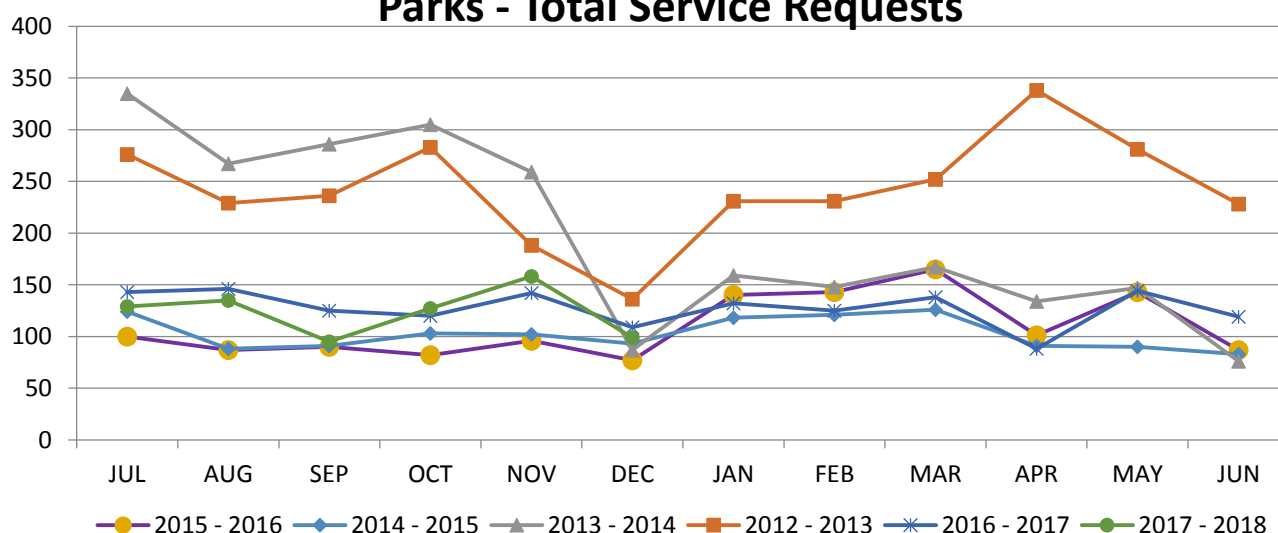


The Waste and Drainage Team received 744 CRMs in December 2017. From the follow up calls undertaken in December, 8 were impressed and 2 were dissatisfied.

The top five CRM issues for our Waste and Drainage Department for the month of December were:

- Rubbish Queries – 149 calls (non collection, fly dumping etc)
- Public Toilet queries/complaints 65 (eg Soap dispenser empty).
- Recycling queries and complaints- 49 (eg Bin missed during collection)
- Stormwater queries- 24 (eg blocked storm drain)
- Sewer queries- 21 (eg blocked waste drain)

Parks - Total Service Requests

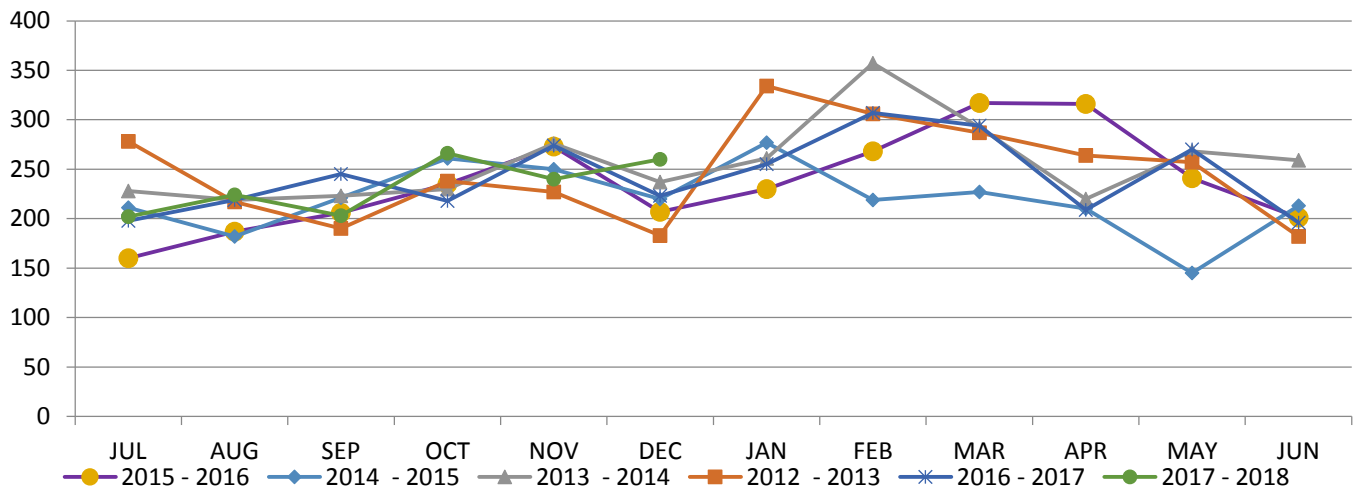


The Parks team received 99 CRMs in December 2017. There were 2 Impressed calls during December and 1 dissatisfied call was received.

The top five CRM issues for our Parks and Recreation Department for the month of December were:

- General Parks queries- 36 (eg access to reserves, Drone requests etc)
- Tree and Street Tree queries- 14 (eg tree fallen over)
- Cemetery enquiries- 10 (Burial enquiries etc)
- Playgrounds- 10 (damage or repairs required to parks furniture and grounds)
- Mowing- 6 (issues relating to mowing of parks)

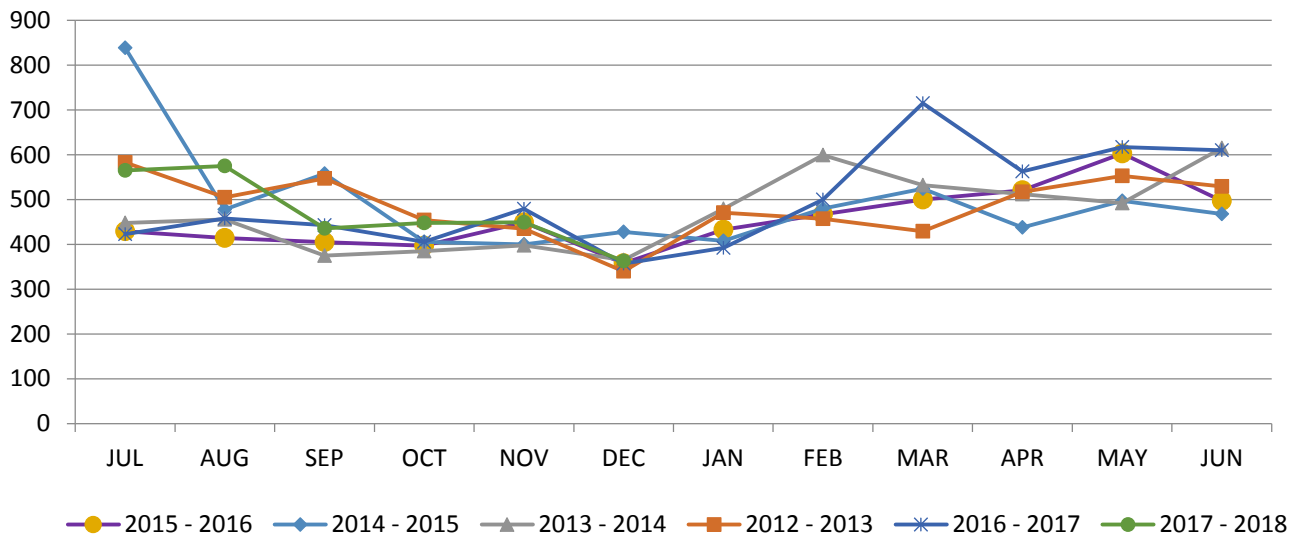
Water - Total Service Requests



The Water team received 260 CRMs in December 2017. The Water Team had another fantastic month of good feedback in December with a total of 24 follow up calls receiving positive feedback. No dissatisfied calls were received. The top five CRM issues for our Water Department for the month of December were:

- Water Leaks (Leak repairs or concerns) 135
- Meter Box Queries- 31 (New box, new meters)
- Quality- 28 (Water quality issues- clarity, odour, taste)
- Water Investigation- 12 (investigation of water issues- land issues or general enquiries)
- General Water Queries- 10 (land enquiries etc)

Roading - Total Service Requests



The Roding Team received 363 Customer Service Requests in December 2017. There were 28 follow up calls made in the month of December. Two customer was dissatisfied. Twenty-three customers found our service acceptable. Three customers were impressed by the Roding team and contractors.

The top five CRM issues for our Roding Department for the month of December were:

1. 43 reports of Unsealed Road issues. E.g. Potholes and Grading.
2. 34 reports of General Road issues. E.g. Safety issues.
3. 34 reports of Trees and Vegetation. E.g. Maintenance and overhanging trees.
4. 32 reports of Road signs E.g. Maintenance and re-instatement of signs.
5. 28 reports of General maintenance E.g. Potholes and general maintenance.

RESOLUTION TO EXCLUDE THE PUBLIC

That the public be excluded from the following parts of proceedings of this meeting.

The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under Section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

| | |
|----|--|
| 1. | The making available of information would be likely to unreasonably prejudice the commercial position of persons who are the subject of the information. {Section 7(2)(c)} |
| 2. | To enable the council (the committee) to carry on without prejudice or disadvantage commercial negotiations. {(Section 7(2)(i))}. |
| 3. | To protect the privacy of natural persons. {Section 7(2)(a)}. |
| 4. | Publicity prior to successful prosecution of the individuals named would be contrary to the laws of natural justice and may constitute contempt of court. {Section 48(1)(b)}. |
| 5. | To protect information which is the subject to an obligation of confidence, the publication of such information would be likely to prejudice the supply of information from the same source and it is in the public interest that such information should continue to be supplied. {Section 7(2)(c)(i)}. |
| 6. | In order to maintain legal professional privilege. {Section 2(g)}. |
| 7. | To enable the council to carry on without prejudice or disadvantage, negotiations {Section 7(2)(i)}. |

Resolution to allow members of the public to remain

If the council/committee wishes members of the public to remain during discussion of confidential items the following additional recommendation will need to be passed:

Move/Second

"That _____ be permitted to remain at this meeting, after the public has been excluded, because of his/her/their knowledge of Item _____.

This knowledge, which will be of assistance in relation to the matter to be discussed, is relevant to that matter because _____.

Note:

Every resolution to exclude the public shall be put at a time when the meeting is open to the public.