



City of Nedlands

Technical Services Reports

Committee Consideration – 10 March 2020
Council Resolution – 31 March 2020

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TS03.20	City of Nedlands Waste Survey
Committee	10 March 2020
Council	31 March 2020
Applicant	City of Nedlands
Employee Disclosure under section 5.70 Local Government Act 1995	Nil
Director	Jim Duff - Director Technical Services
Attachments	1. 2019 Waste Minimisation Survey Results

Executive Summary

The City undertook a waste management survey in November 2019, as part of a multi-staged approach to gauge the community's desire for change in the current waste management practices.

The survey questions were based on enquires received from the community. The objective was to obtain community feedback on the following:

- Waste going to landfill
- Food organic and green organic (FOGO) bin
- Bulk collection
- Waste-to-energy
- Recycling bin size
- Electronic waste disposal
- Community information
- Waste charges

The survey results demonstrate that the community places a high value on protecting the environment by reducing waste to landfill. This value is reinforced by the positive response to FOGO and Waste-to-Energy.

The survey participation rate was relatively low at 2.5% of the City's population. Further comprehensive community education and engagement is recommended prior to any recommendation to implement a FOGO system.

Recommendation to Committee

Council

1. **approves FOGO costs to be considered as part of the City's Waste Management Services Tender; and**
2. **endorses further community engagement on FOGO prior to proposing implementation.**

Discussion

Survey

A survey comprising ten questions was undertaken to obtain feedback on FOGO and the City's waste management practices. The questions were:

1. How important is it to you to reduce the amount of waste going to landfill? Using a ranking scale of (Very Important; Important; Neutral; Somewhat Important and Not Important)
2. Would you support the inclusion of food waste into your existing greenwaste bin (FOGO)?
3. How would you like to see bulk rubbish collected within the City?
4. Would you like your household non-recyclable waste sent to waste-to-energy facilities instead of landfill?
5. Would you like the option of different recycling bin sizes depending on your usage?
6. How does your household dispose of electronic waste?
7. How do you obtain information on the City of Nedlands waste management services?
8. Would you be willing to pay more for increased waste diversion from landfill on your annual waste charge?
9. Number of people in your residence?
10. Which suburb do you live in?

The survey was promoted through Your Voice Nedlands and the Nedlands Now community newsletter. Survey responses were accepted online, by mail and in person. The survey was open for comment from the 5 November to 13 December 2019 with 542 responses received corresponding to 2.5% of the City's population.

Results

Figure 1 demonstrates that the community places a high value on protecting the environment by reducing waste to landfill. This value is reinforced by the positive response to FOGO and Waste-to-Energy shown on Figure 2 and 3. Should FOGO and Waste-to-Energy be implemented, Figure 4 shows that the community would prefer that annual waste charge are not increased.

The survey participation rate was relatively low at 2.5%. Further comprehensive community education and engagement is recommended prior to implementation of FOGO.

Refer to Attachment 1 for further details on the results.

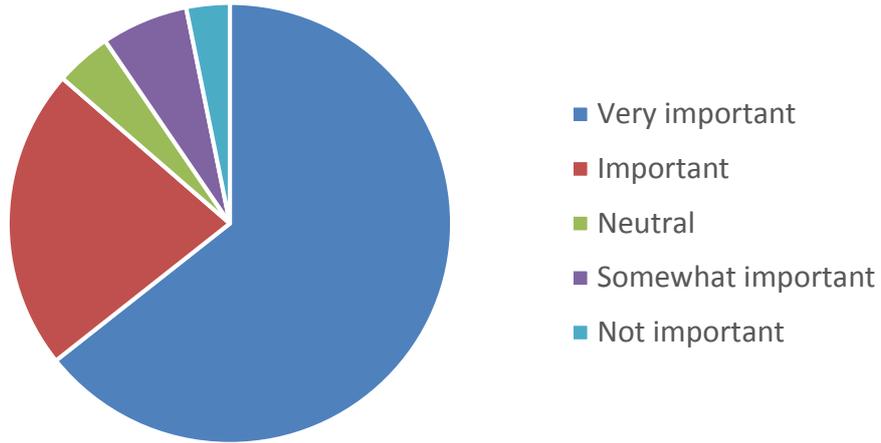


Figure 1. Importance of Reducing Waste to Landfill

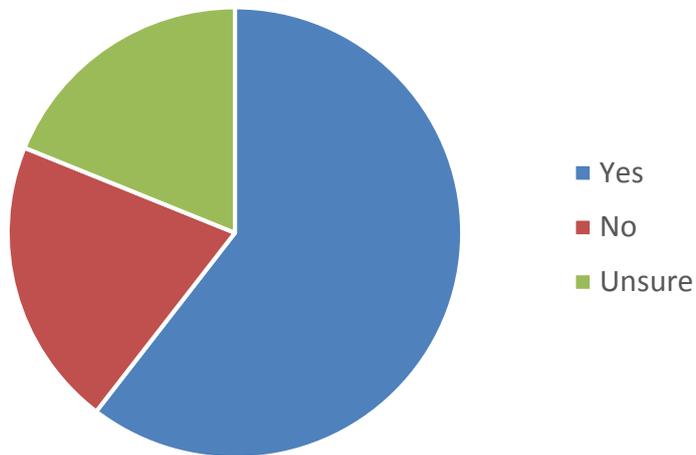


Figure 2. Inclusion of Food Waste into Greenwaste Bins (FOGO)

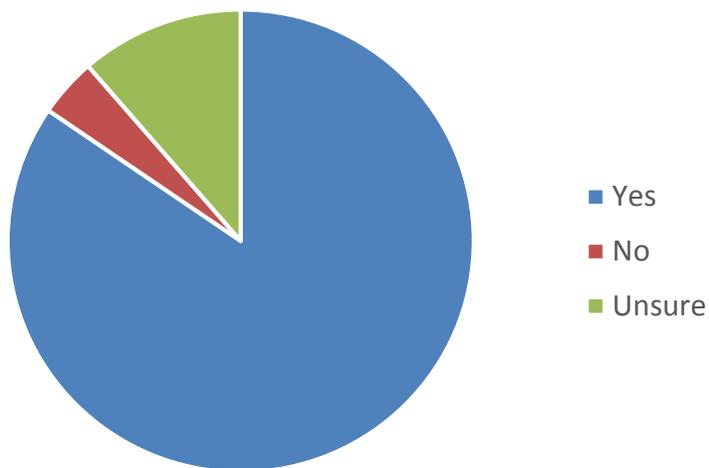


Figure 3. Waste-to-Energy Processing

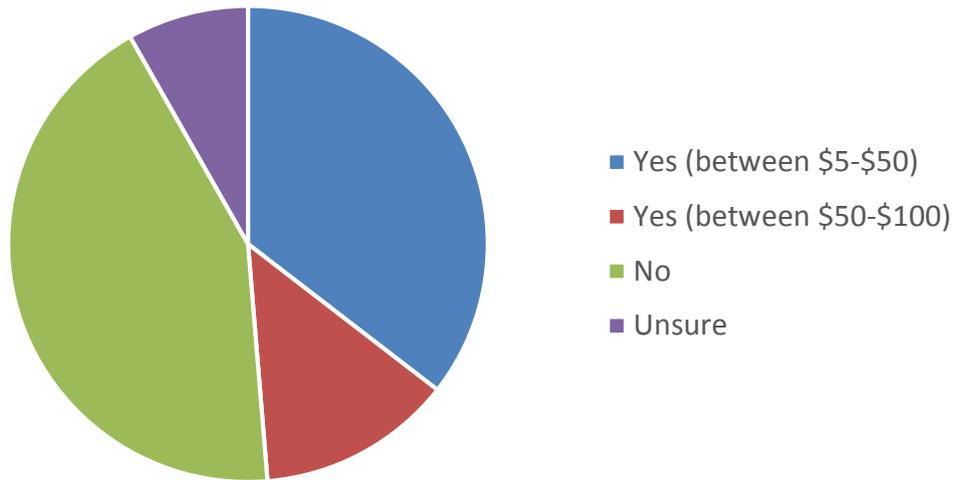


Figure 4. Increased Annual Waste Charge to Divert Waste from Landfill

FOGO Bin Implementation

Western Australia’s Waste Avoidance and Resource Recovery Strategy 2030 commits to a consistent three bin kerbside collection system, which includes separation of food organics and garden organics from other waste categories. State Government have requested that all local government authorities implement FOGO by 2025.

The City currently disposes of its putrescible waste at landfill, and the kerbside collection landfill recovery is 48%. In order to achieve the State’s 75% waste reduction target by 2030, the City will be required to continuously improve existing waste services and introduce new innovations.

Prior to implementing FOGO, the actual cost to residents will need to be determined. Following this further community engagement is required to determine the level of community support.

Key Relevant Previous Council Decisions:

Ordinary Meeting of Council 26 March 2019, Item TS03.19

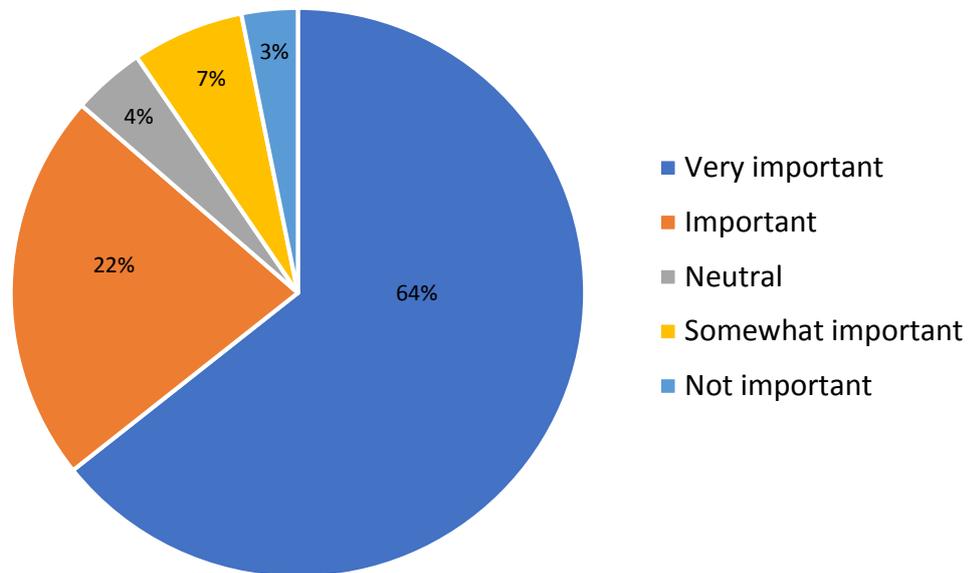
“Council agrees the City to commence community consultation for the introduction of FOGO service in mid-2019.”

Budget/Financial Implications

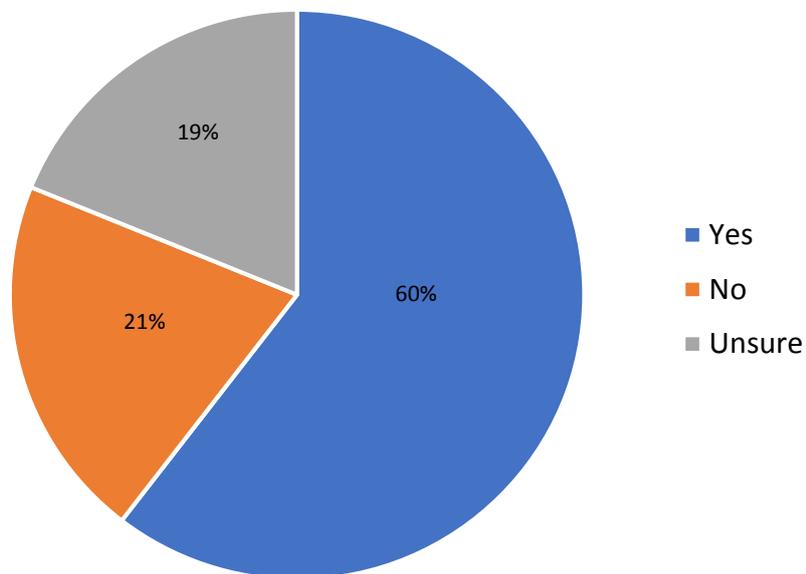
The financial implications of FOGO and Waste-to-Energy will be investigated as part of the City’s Waste Management Services Tender prior to the new contract commencing December 2020.

2019 Waste Minimisation Survey Results

1. How important is it to you to reduce the amount of waste going to landfill?



2. Would you support the inclusion of food waste into your existing greenwaste bin (FOGO*)?



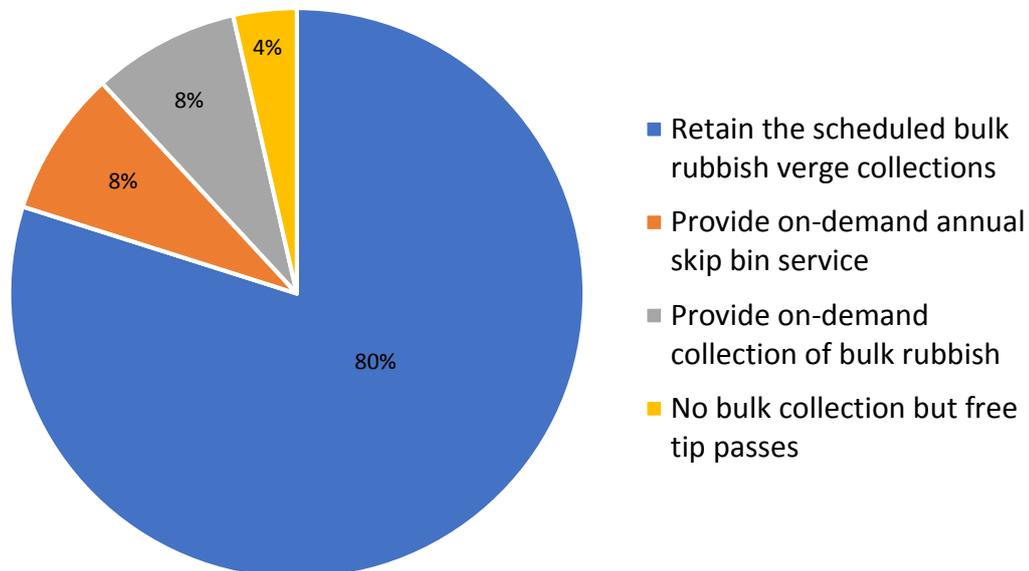
If you said no or unsure, please specify why:

- *"We also compost a lot of food waste".*
- *"Which food scraps? Meat?"*
- *"I don't understand what that would mean?"*

2019 Waste Minimisation Survey Results

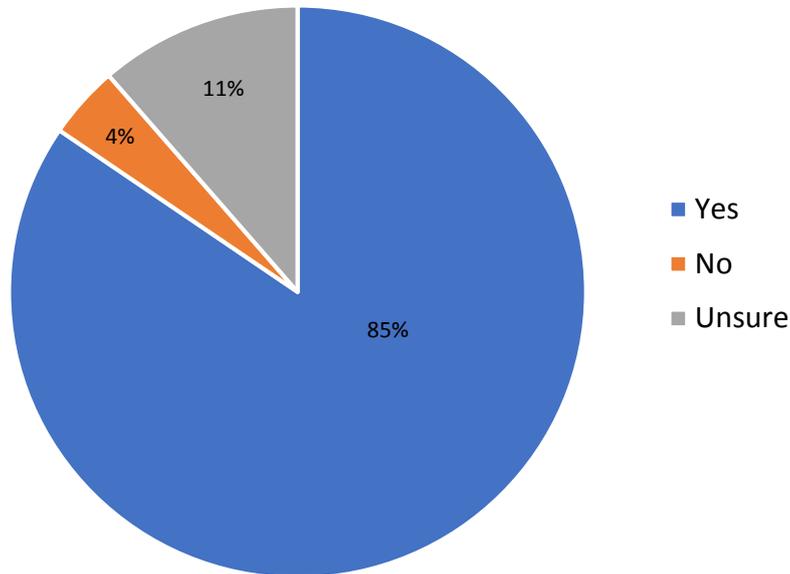
- *“Not if it’s still a fortnightly pickup! – yes if it was weekly.”*
- *“Depends if it impacts on being mulched.”*
- *“What are the benefits? What are the additional costs?”*
- *“No do not support – We use food waste to make mulch.”*
- *“No, we would rather get a Worm Farm.”*
- *“Have a compost system.”*
- *“Already into compost.”*
- *“No, as this is already recycled.”*
- *“Smells worse, but as I wrap it in newspaper it may not matter.”*
- *“I compost.”*
- *“Yes but consult the Department of Health on animal matter.”*
- *“No – Compost it on site.”*
- *“Unsure as food rot would be a hazard for the people dealing with it at the processing end?”*
- *“No, we compost it and would like a 2nd green waste bin at a reduced cost.”*
- *“I have a worm farm which already takes my food scraps.”*

3. How would you like to see bulk rubbish collected within the City?



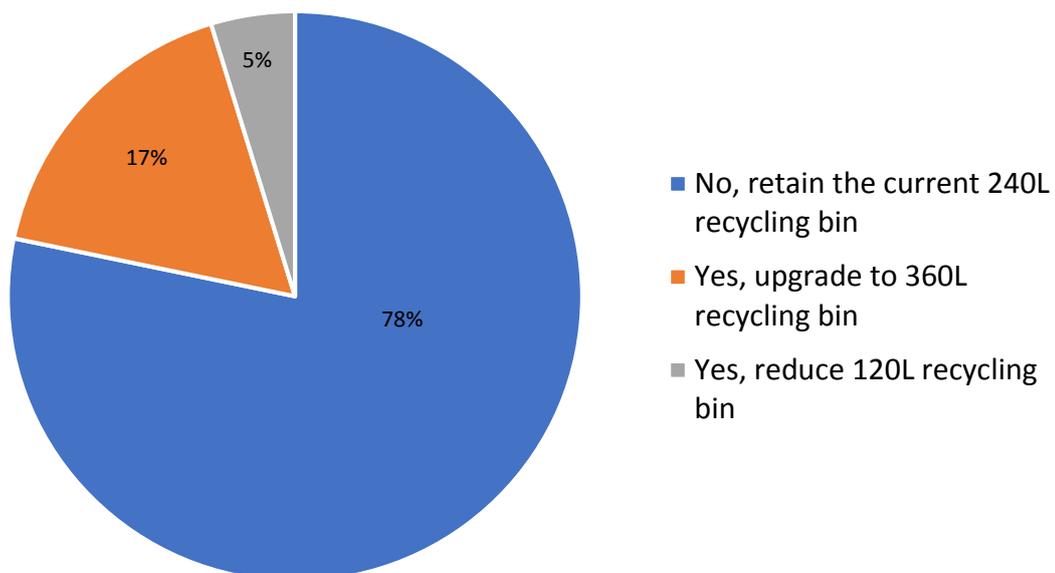
2019 Waste Minimisation Survey Results

4. Would you like your household non-recyclable waste sent to waste-to-energy facilities instead of landfill?



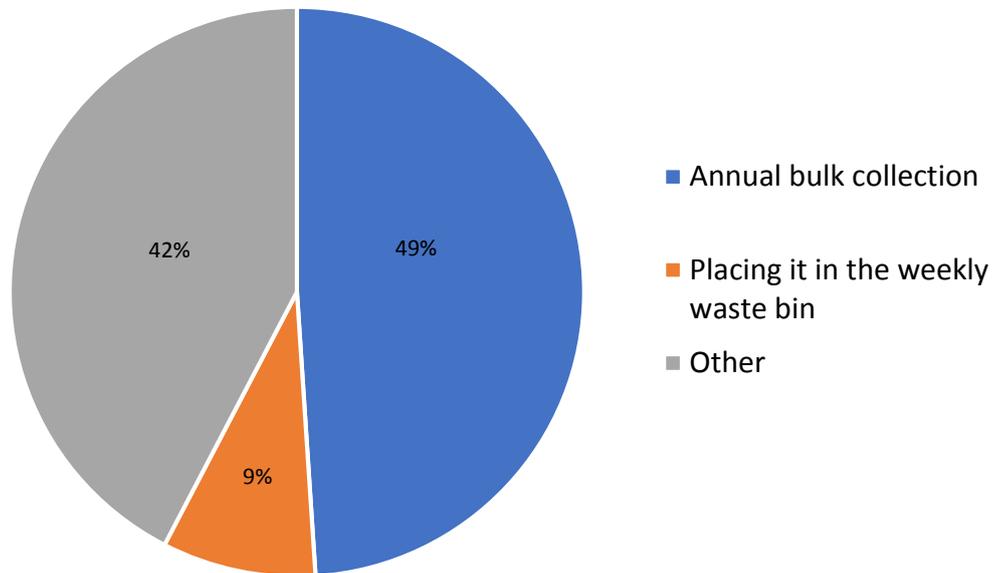
Note: None of the unsure responses specified why an unsure response was provided.

5. Would you like the option of different recycling bin sizes depending on your usage?



2019 Waste Minimisation Survey Results

6. How does your household dispose of electronic waste?



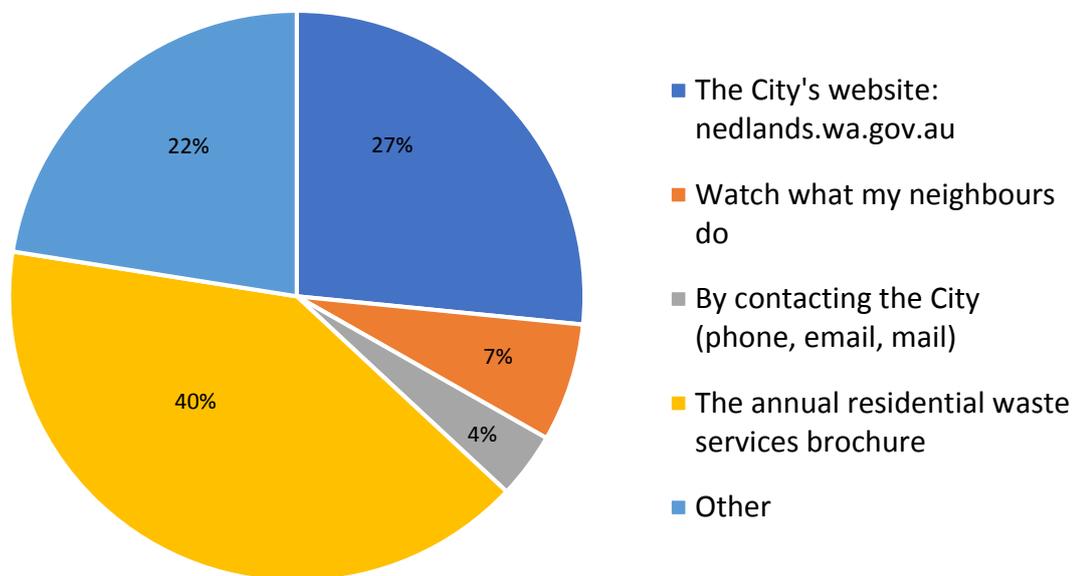
Other responses:

- *“Recycle components via zero waste Perth Facebook Group.”*
- *“Brockway relay station drop off.”*
- *“Take to Brockway.”*
- *“Taken to Brockway E-Waste Facility.”*
- *“Balcatta transfer station.”*
- *“Annual Bulk Rubbish Collection as well as taking it to E-Waste collection site.”*
- *“Try to dispose at property collection points.”*
- *“Annual bulk rubbish collection and placing it in the weekly waste bin.”*
- *“Annual bulk rubbish collection and not had any so far.”*
- *“I hold onto it until I research and find appropriate recycling points.”*
- *“Verge pickup.”*
- *“Annual bulk rubbish collection and Brockway Road Waste Disposal – have reduced E-Waste.”*
- *“Recycle with manufacturers designated agents.”*
- *“Annual bulk rubbish collection and at the Council bins provided.”*
- *“In the past I have taken it to the Resource Facility.”*
- *“No idea what electronic waste is?”*
- *“We usually keep it; because unsure how to dispose of it.”*
- *“Lemnos Street waste centre.”*
- *“Annual bulk rubbish collection and deliver to Council or Waste Depot.”*
- *“Don’t have any.”*
- *“Annual bulk rubbish collection and see attached comment sheet.”*
- *“Take to specified locations.”*
- *“Often take to designated drop off sites.”*
- *“Take to electronics stores.”*

2019 Waste Minimisation Survey Results

- *“Dispose batteries in Bunnings. Accumulated electronics so far to drop at e-waste collection.”*
- *“Annual bulk rubbish collection and deposit points e.g. City of Nedlands.”*
- *“Cambridge collection days.”*
- *“Annual bulk rubbish collection and Shenton Recycling plant.”*
- *“Drop at council/Officeworks etc.”*
- *“Take it to Library, Bunnings or other outlet opportunity.”*
- *“Try to recycle.”*

7. How do you obtain information on the City of Nedlands waste management services?



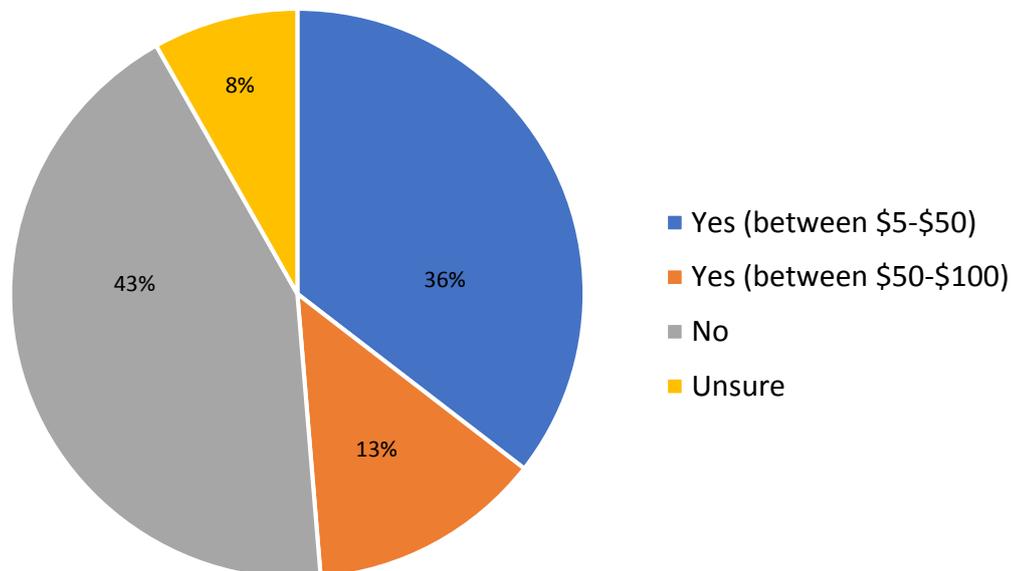
Other responses:

- *“All of the above.”*
- *“The City’s website: nedlands.wa.gov.au and need for every LGA video/list to advice on the new degree to recycle e.g. has a nail ever been recycled? Your told it didn’t need to rinse and remove labels as it would burn off.”*
- *“The City’s website: nedlands.wa.gov.au, watch what my neighbours do and the annual residential waste services brochure.”*
- *“Watch what my neighbours do and the annual residential waste services brochure.”*
- *“The City’s website: nedlands.wa.gov.au and the annual residential waste services brochure”*
- *“City website, watch what my neighbours do and annual brochure.”*

2019 Waste Minimisation Survey Results

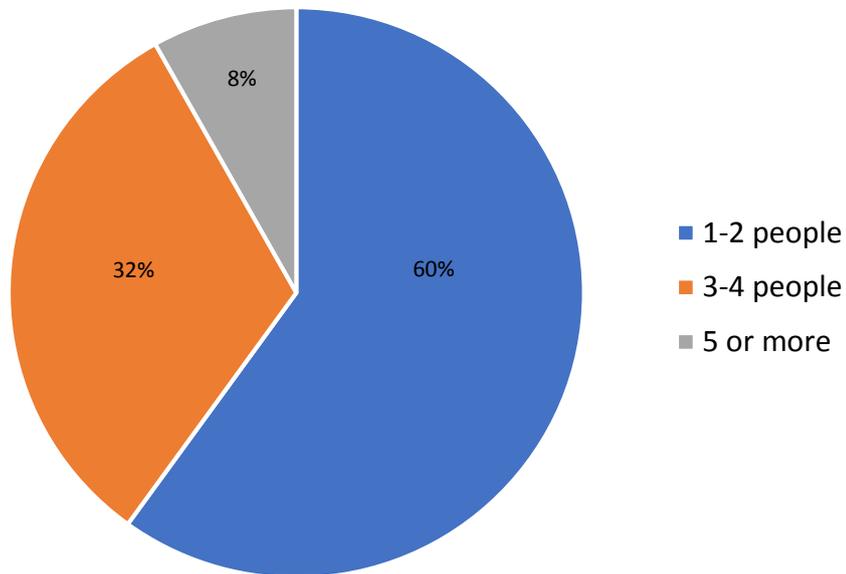
- *“The City's website: nedlands.wa.gov.au and the annual residential waste services brochure.”*
- *“Watch what my neighbours do and the annual residential waste services brochure.”*
- *“The City's website: nedlands.wa.gov.au and the annual residential waste services brochure”*
- *“The City's website: nedlands.wa.gov.au, watch what my neighbours do, by contacting City (phone, email, mail) and the annual residential waste services brochure.”*
- *“By contacting the City (phone, email mail) and the annual residential waste services brochure.”*
- *“The City's website: nedlands.wa.gov.au, watch what my neighbours do and mainly the annual brochure.”*
- *“The City's website: nedlands.wa.gov.au and the annual residential waste services brochure.”*
- *“City website and annual brochure.”*
- *“The City's website: nedlands.wa.gov.au, watch what my neighbours do and the annual residential waste services brochure.”*

8. Would you be willing to pay more for increased waste diversion from landfill on your annual waste charge?

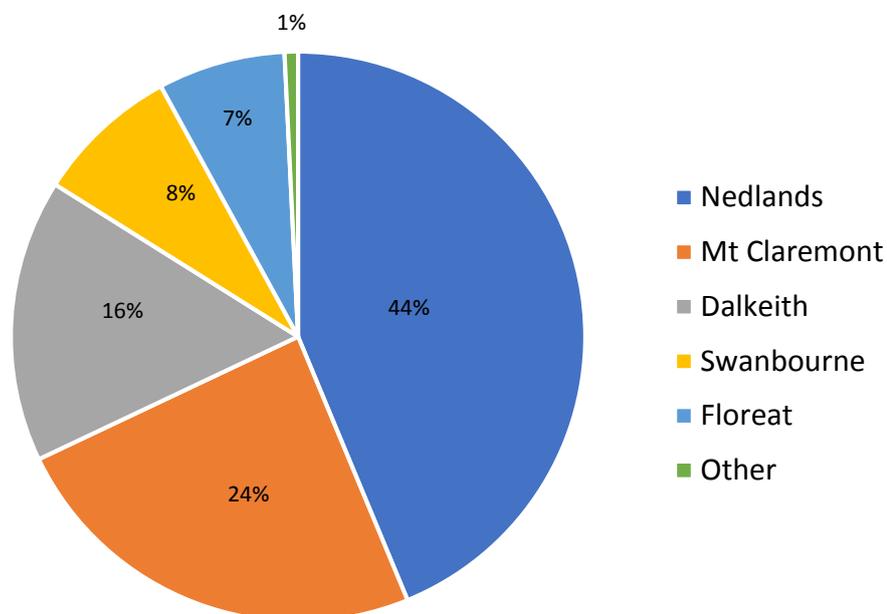


2019 Waste Minimisation Survey Results

9. Number of people in your residence?



10. Which suburb do you live in?



Other responses:

- "Crawley"
- "Claremont"

TS04.20	Mooro Park Parking Restrictions
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Committee	10 March 2020
Council	31 March 2020
Applicant	City of Nedlands
Employee Disclosure under section 5.70 Local Government Act 1995	Mark Goodlet CEO declared a financial interest, the extent of the interest being that he has a financial commitment to John XXIII College as his two children attend the school. The CEO will leave the room for this item.
Director	Jim Duff - Director Technical Services
Attachments	1. Mooro Park Parking Restrictions – Original Proposal 2P 2. Mooro Park Parking Restrictions – Revised Proposal No Parking

Executive Summary

The City has received a growing number of complaints from residents regarding kerbside parking in Norfolk Rise during school hours from students of the nearby John XXIII College. Administration proposes to zone the southbound carriageway and verge area of Norfolk Rise as No Parking 7am – 5pm, Monday – Friday. As part of the proposal the City will also modify the No Stopping area on Norfolk Rise to allow for safer vehicle passing movements.

Community engagement was undertaken from 29 November 2019 to 13 December 2019. The City originally proposed two (2) hour parking as part of the initial community consultation. The feedback received indicated concerns regarding the current parking situation, with residents expressing a preference for No Parking along the entire length of Norfolk Rise. This was primarily due to Norfolk Rise being utilised as a pickup and drop off zone during school hours.

Recommendation to Committee

Council approves 'No Parking in the southbound carriageway on Norfolk Rise between the hours of 7am – 5pm, Monday – Friday.

Discussion

Background

In June 2016 the City made alterations to improve safety on Norfolk Rise by providing a defined no stopping area in the northbound carriageway. The purpose was to keep vehicles parked to one side of the road to ensure adequate sight distance around the bend on Norfolk Rise. Kerbside parking was restricted to the southbound carriageway and Mooro Park verge only where vehicles were permitted to park all day without any specified time limit.

In December 2018 the City implemented modifications to Heritage Lane in conjunction with AEGIS Aged Care Centre at Montgomery House to address the conflicts between vehicles mounting the footpath to pass parked cars. Since the opening of the new aged care centre there has been an increase in two-way traffic movements requiring approximately 250 metres of kerbside parking on Heritage Lane to be converted to a No Stopping area. Prior these parking modifications, Heritage Lane was used by students of the John XXIII College for all day parking. These modifications have resulted in additional parking demand on surrounding streets including Norfolk Rise.

It should be noted that John XXIII College contacted the City in December 2019 advising they had recently increased internal parking by an additional 30 bays. As a result, the loss of kerbside parking on Norfolk Rise is expected to have minimal impact on surrounding streets.

Proposal

The City is proposing to implement No Parking 7am – 5pm, Monday – Friday on Norfolk Rise (see Attachment 1). The recommended proposal will:

- Provide a clear unobstructed carriageway during business hours;
- Improve traffic conditions by defining the No Stopping area with additional line marking and;
- Allow kerbside parking outside of business hours and on weekends.

Key Relevant Previous Council Decisions:

Nil.

Consultation

Engagement activities were undertaken from 29 November 2019 to 13 December 2019 to seek community feedback on the proposed changes to the parking arrangements on Norfolk Rise.

Opportunities for residents to engage with the City and to seek information were provided as follows:

- A letter to the 28 affected residents and property owners to provide information on and seek their thoughts on the proposal
- An opportunity to provide online feedback Your Voice Nedlands.
- Contacting the City by email or telephone to discuss the proposal further.

During the engagement period, the City received a total of 7 submissions. A summary of the responses from the affected properties is shown in Figure 1. Comments received from residents are shown in Table 1.

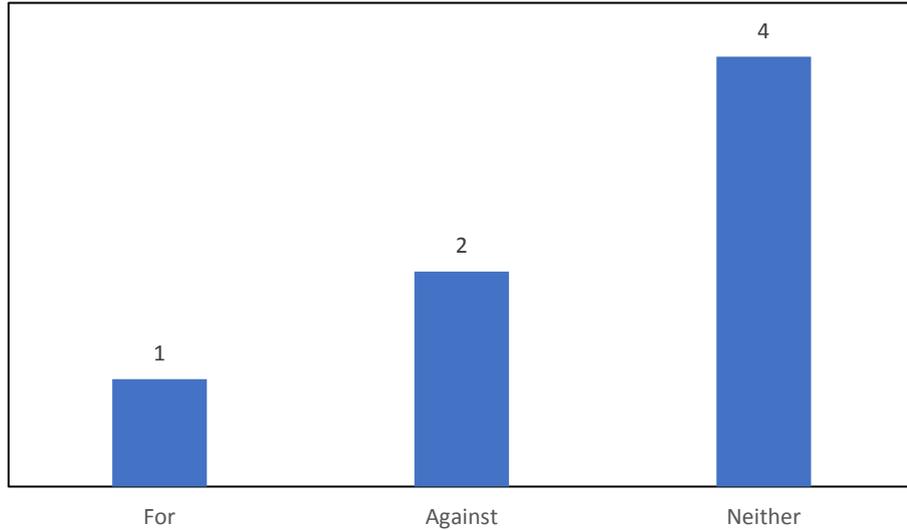


Figure 5. Consultation Results

Based on the low response rate, Administration recommends implementing No Parking 7am – 5pm, Monday – Friday on Norfolk Rise to address the outlined safety issues.

Table 1. Summary of resident comments and Administration comments

Resident Comments	Administration Comments
Norfolk rise is being utilised as pick up and drop off zone during school hours. Could the Road be zoned as No Parking?	The City has listened to the community feedback and understands their preferences and concerns in relation to parking on Norfolk Rise. The City originally proposed to zone the southbound carriageway as 2-hour parking however community feedback indicated a preference for No Parking. Administration has now revised its proposal to install No Parking between the hours of 7am–5pm, Monday to Friday.

Budget/Financial Implications

The cost for implementing the parking signs is summarised in Table 2.

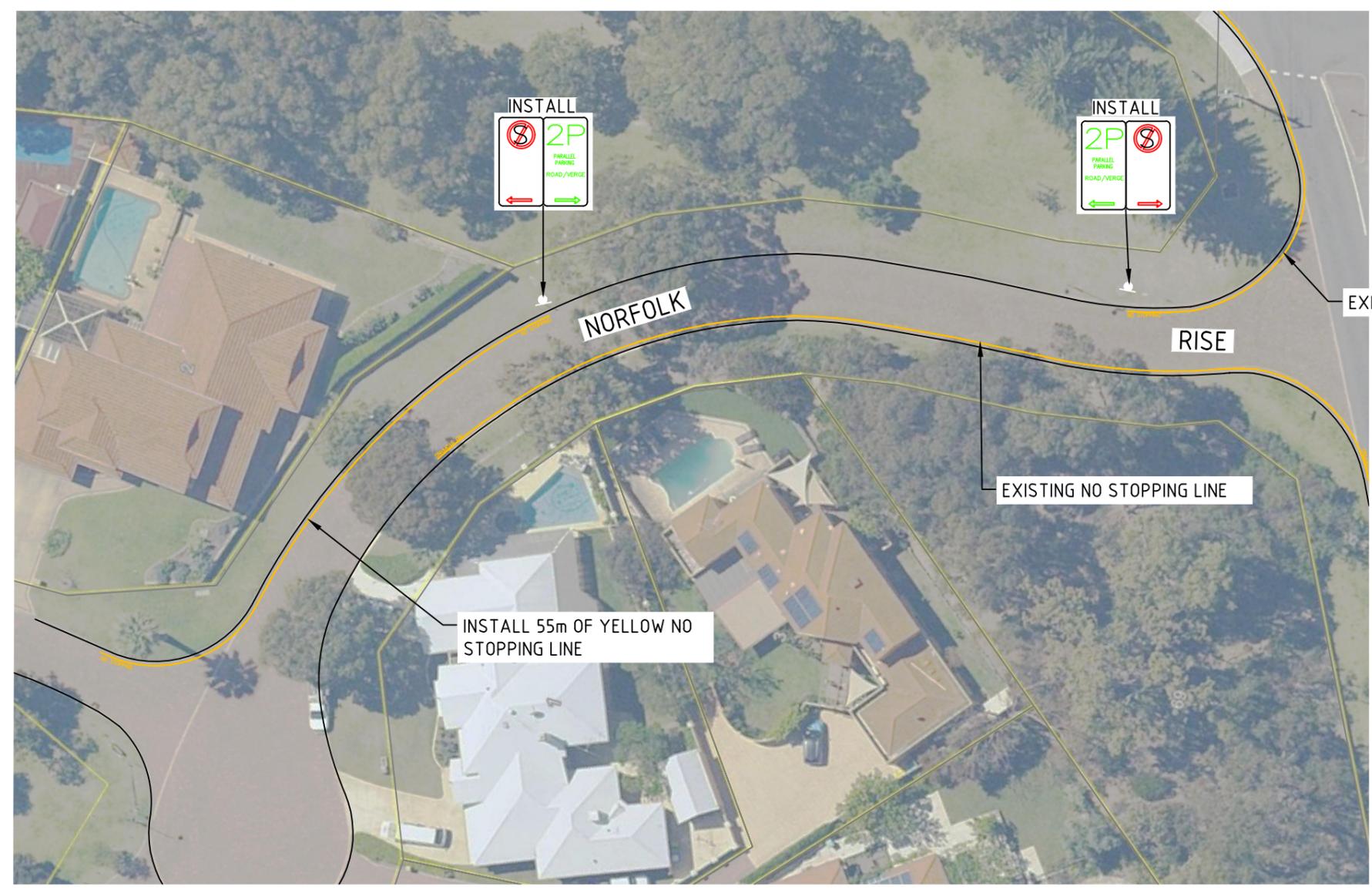
Table 2. Cost estimate of proposed signage.

Item	Cost per Item	Number of Items	Total
Replace sign only	\$ 30	2	\$60
Total Cost			\$60

The works will be funded from the 2019/2020 operations budget.



ORIGINAL PROPOSAL



Amendment	No	Date	REVISION	By	App'd



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DRAWN	S.FLETCHER	11/19	DATUM	ASSUMED
CHECKED	M.HULLS	11/19	APPROVED	
RECOMMENDED				

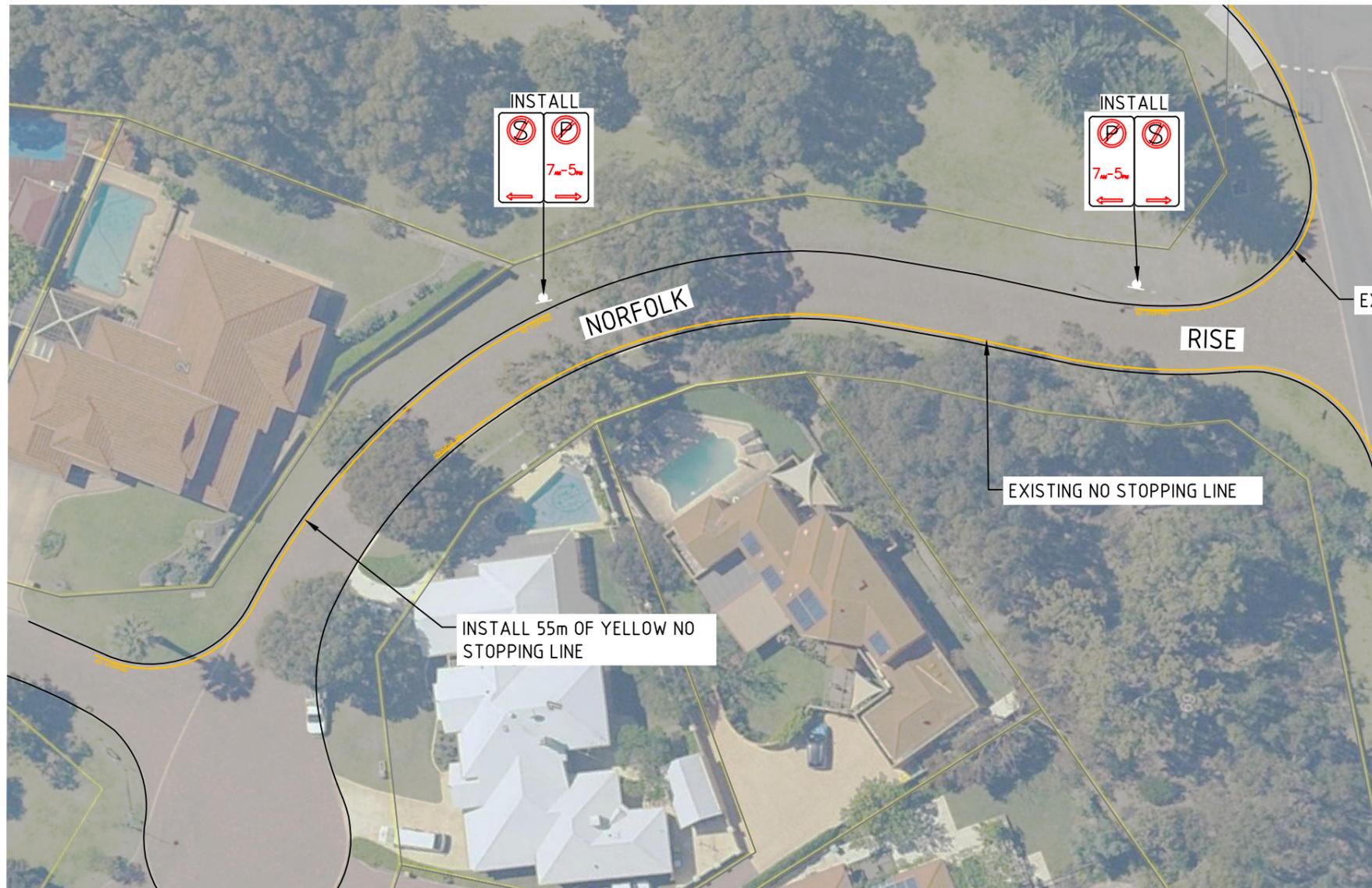
NORFOLK RISE

PROPOSED PARKING RESTRICTIONS

SHEET	1	OF	1
DRAWING No.	R19-56-01		
Job No.			



REVISED PROPOSAL



Amendment	No	Date	REVISION	By	App'd



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DRAWN	S.FLETCHER	11/19	DATUM	ASSUMED
CHECKED	M.HULLS	11/19	APPROVED	
RECOMMENDED				

NORFOLK RISE PROPOSED PARKING RESTRICTIONS

SHEET	1	OF	1
DRAWING No.	R19-56-01		
Job No.			

TS05.20	RFT 2019-20.07 City of Nedlands Traffic Model
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Committee	10 March 2020
Council	31 March 2020
Applicant	City of Nedlands
Employee Disclosure under section 5.70 Local Government Act 1995	Nil.
Director	Jim Duff – Director Technical Services
Attachments	1. Evaluation Report - CONFIDENTIAL

Executive Summary

To award the tender for RFT 2019-20.07 City of Nedlands Traffic Model.

Recommendation to Committee

Council:

- 1. Agrees to award tender RFT 2019-20.07 to Arup for the City of Nedlands Traffic Model for the lump sum submitted and schedule of rates submitted for traffic data collection, subject to any minor negotiations; and**
- 2. Authorises the Chief Executive Officer to sign an acceptance of offer for this tender.**

Discussion

Tender Information

Precinct Planning for the Nedlands Town Centre, Broadway and Waratah Avenue identified the need for traffic modelling to better understand the impact of increased traffic associated with LPS3 on the City's road network. It was also considered appropriate to include Mount Claremont in the traffic model to assess the impact of density upcoding in this part of the City. The RFT specified the requirements and invited submissions from suitably qualified and experienced consultants.

The Request for Tender was divided into the following separable portions:

1. Nedlands Town Centre Precinct
2. Waratah Avenue Precinct
3. Broadway Precinct
4. Nedlands Town Centre Residential Transition
5. Stirling Highway (East and West) including Residential Transition
6. Monash Avenue and Hampden Road
7. Remaining road network within Study Area A
8. Mount Claremont West Section – Study Area B
9. Mount Claremont East Section – Study Area C

The purpose of the separable portions was to enable a staged approach to the deliverables, to provide the City with preliminary information during the modelling process for improved decision making on Development Applications currently being assessed by the City. Except for the Mount Claremont Study Area's B and C, it is not possible to exclude any of the separable portions from the scope of work, as it will result in impractical gaps in the road network model.

Although the traffic model for Study Area A will be assembled in stages defined by separable portions, the final traffic model will be a seamless traffic model.

Tender RFT 2019-20.07 was advertised on 6 December 2019, in the West Australian Newspaper and on www.tenderlink.com/nedlands. The tender period ended on 24 January 2020 and submitted tenders were opened by officers of the City at 4:00pm. Six (6) submissions were received by the City. Compliant tenders were received from the following companies:

1. Arup Australia
2. Transport Modellers Alliance
3. Transcore
4. Cardno WA
5. GTA Consultants

The proposed term of the contract is 15 weeks.

Traffic Study Evaluation

As a result of the evaluation panel's assessment, the tenders were ranked on their combined qualitative and price scores. Arup achieved the highest score and was considered the best value for money proposal.

Arup have complied with the requirements of the RFT and have demonstrated capability to perform the scope of work. Arup's program shows the scope of work will be completed within 15 weeks from the commencement date.

Conclusion

After evaluation of the tenders received, it is recommended that the offer from Arup is accepted.

Key Relevant Previous Council Decisions:

Ordinary Meeting of Council 26 November 2019, Item PD42.19

"Council:

1. *instructs the CEO to undertake additional analysis regarding traffic and movement as well as built form and urban design analysis to further test the Draft Nedlands Town Centre Precinct Plan (Local Planning Policy) prior to advertising; and*

2. *approves the additional budget funding of \$125,000, in addition to its existing budget, for the purpose of engaging consultants to deliver built form and traffic modelling for the draft Nedlands Town Centre Precinct Plan.*

Ordinary Meeting of Council 26 November 2019, Item PD42.19

Council:

1. *instructs the CEO to commence the development of the Broadway Precinct Plan as a Local Planning Policy;*
2. *instructs the CEO to undertake additional analysis regarding traffic and movement, community engagement and urban design analysis and modelling of the built form to provide adequate supporting documentation for preparation of the Broadway Precinct Plan;*
3. *approves the additional budget funding of \$110,000, in addition to its existing budget, for the purpose of engaging consultants to deliver community engagement, built form and urban design, traffic modelling and the Precinct Plan for the Broadway area; and*
4. *instructs the CEO to undertake negotiations with the City of Perth in regard to funding the traffic study.*

Consultation

N/A

Budget/Financial Implications

The project will be funded from the Planning consulting budget with additional funds approved by Council at the November 2019 Council meeting.