



NOTICE OF MEETING

COMMITTEE OF COUNCIL

Members of the Committee of Council are advised that a meeting will be held in Council Chambers, Civic Building, 83 Mandurah Terrace, Mandurah on:

**Tuesday 13 August 2019
at 5.30pm**

GRAEME DAVIES

Acting Chief Executive Officer
7 August 2019

COMMITTEE MEMBERS

Mayor Williams

Deputy Mayor Councillor Knight

Councillor Wortley

Councillor Jackson

Councillor Lee

Councillor Shane Jones

Councillor Peter Rogers

Councillor Matt Rogers

Councillor Darcy

AGENDA:

1 OPENING OF MEETING AND ANNOUNCEMENT OF VISITORS

2 ATTENDANCE AND APOLOGIES

Apology – Hon. Councillor Riebeling (Deputy Member)

Leave of Absence - Councillors Schumacher and Lynn Rodgers (Deputy Members)

3 IMPORTANT NOTE:

Members of the public are advised that the decisions of this Committee are referred to Council Meetings for consideration and cannot be implemented until approval by Council. Therefore, members of the public should not rely on any decisions of this Committee until Council has formally considered the resolutions agreed at this meeting.

4 ANSWERS TO QUESTIONS TAKEN ON NOTICE

Nil.

5 PUBLIC QUESTION TIME

Public Question Time provides an opportunity for members of the public to ask a question of Council. For more information regarding Public Question Time, please telephone 9550 3787 or visit the City's website www.mandurah.wa.gov.au.

6 PRESENTATIONS AND ANNOUNCEMENTS BY CHAIRMAN

6.1 Make Place

7 DEPUTATIONS

Any person or group wishing to make a 5-minute Deputation to the Committee meeting regarding a matter listed on this agenda for consideration must first complete an application form. For more information about making a deputation, or to obtain an application form, please telephone 9550 3787 or visit the City's website www.mandurah.wa.gov.au.

NB: Persons making a deputation to this Committee meeting will not be permitted to make a further deputation on the same matter at the successive Council meeting, unless it is demonstrated there is new, relevant material which may impact upon the Council's understanding of the facts of the matter.

8 CONFIRMATION OF MINUTES: 11 JUNE 2019

(NB: It is the Elected Members' responsibility to bring copies of the previous Minutes to the meeting if required).

9 DECLARATIONS OF FINANCIAL, PROXIMITY AND IMPARTIALITY INTERESTS**10 QUESTIONS FROM ELECTED MEMBERS WITHOUT DISCUSSION**

10.1 Questions of which due notice has been given

10.2 Questions of which notice has not been given

11 BUSINESS LEFT OVER FROM PREVIOUS MEETING

12 REPORTS:

1	Establishment of Professional Lifeguard Service	1 - 5
2	2019-2020 CSRFF Small Grants	6 - 14
3	South East Dawesville Channel Foreshore Master Plan	15 - 26
4	Billy Dower Youth Centre Outdoor Space Upgrade Project	27 - 32
5	T04-2019 Construction of Mandurah Southern District Bush Fire Brigade Facility	33 - 37
6	Mandurah Bushfire Risk Management Plan 2019 – 2023	38 - 47

13 LATE AND URGENT BUSINESS ITEMS**14 CONFIDENTIAL ITEMS****15 CLOSE OF MEETING**

1 SUBJECT: Establishment of a Beach Patrol Service
CONTACT OFFICER: Craig Johnson
AUTHOR: Craig Johnson / Paul Miller / Diana Pollard

Summary

In May 2019, the City sent official correspondence through the Mayor's Office to the Minister for Water, Fisheries, Forestry, Innovation and ICT, Science, seeking approval to re-allocate the \$287,000 grant for the proposed installation of a beach enclosure at Falcon Bay, to support the establishment of a new beach patrol service within the City of Mandurah.

This alternative option is intended to facilitate the delivery of a contracted lifeguard and patrol service at four beach locations within the City for the next 3 years. The proposed service will see a combination of lifeguards and jet-ski and drone patrols employed at key locations to augment beach surveillance activities.

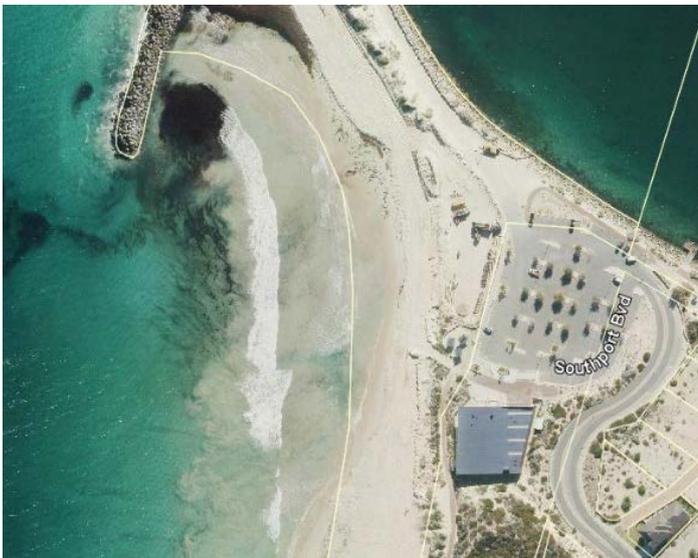
In June 2019, the City of Mandurah was notified that the request had been approved, noting the benefits to the broader Mandurah community. The funding will now be made available to the City via a grant agreement to support the establishment of a Surf Life Saving WA provided beach patrol service at Pyramids Beach, Falcon Bay, Town Beach and San Remo/Madora Beach over the summer period commencing this year (2019/20).

Council is requested to approve the City to commence a sole source of supply arrangement through tender exempt provisions with Surf Life Saving WA to deliver a beach patrol service for the next 3 years (2019/20 – 2021/22) and authorise the Chief Executive Officer to negotiate the conditions of and execute the contract.

Disclosure of Interest

Nil

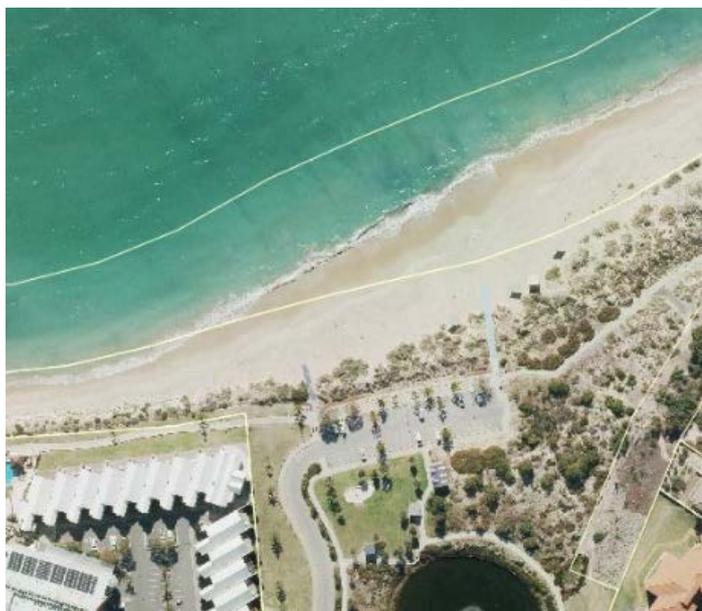
Location



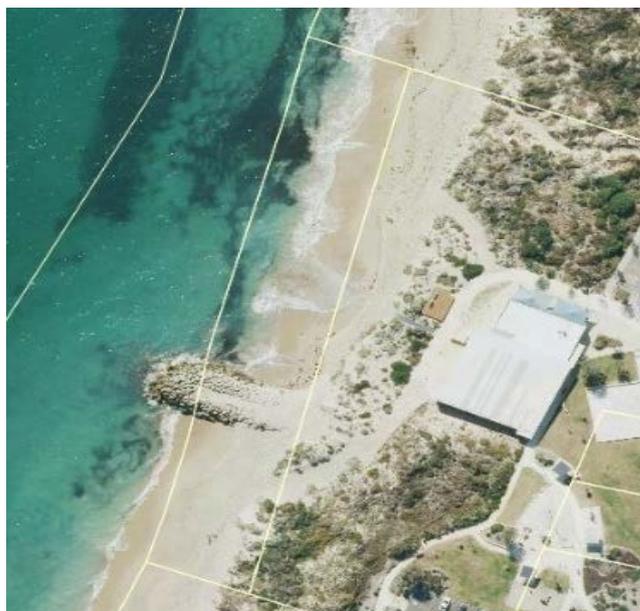
Pyramids Beach, Dawesville



Falcon Bay, Falcon



Town Beach, Mandurah



San Remo Beach / Madora Bay

Previous Relevant Documentation

- G.34/3/19 March 2019 Endorse the Mayor writing to the Minister for Fisheries requesting the grant funding be reallocated for the purpose of supporting beach patrols.
- G.27/12/17 December 2017 Council Endorsed Option 1 – 265 metre Shark Barrier length as the preferred option for community consultation and endorsed the Falcon Bay Shark Barrier consultation plan.
- G.13/8/17 August 2017 Council considered an interim report on the possible implementation of a Shark Barrier in Falcon Bay.

Background

In August 2017, the City informed Council that it had received notification from the Minister for Water; Fisheries; Forestry; Innovation and ICT; Science that a one off grant of \$200,000 had been made available to create a beach enclosure at Falcon Bay. The grant was an initiative of the State Government as part of their smarter approach to shark hazard mitigation.

Subsequent reports submitted and considered by Council have followed a process of:

- Considering the grant offer.
- Researching the project options and the preparation of a feasibility study.
- Considering and implementing a community consultation plan.
- Assessment of community response.
- Re-establishing more realistic capital costs for the construction and installation of a beach enclosure at Falcon Bay.
- Request to the Minister for Water; Fisheries; Forestry; Innovation and ICT; Science for additional funding to support the costs of the project.
(Note: The request for additional funding to purchase and install the beach enclosure resulted in a positive response from the Minister with the grant amount increased to a maximum of \$287,000).

In March 2019, after a thorough review of the various options available, Council resolved to advise the Minister for Water; Fisheries; Forestry; Innovation and ICT; Science that it does not support the installation of a shark barrier at Falcon Bay and to formally request that the grant funding be reallocated for the purpose of supporting a beach patrol service. Furthermore, Council requested that Officers undertake an online

engagement process to test the community's support for beach patrols, report back once a response had been received from the State Government and for the City to continue to actively monitoring the continuing development of non-lethal shark detection and deferred technologies.

Comment

In May 2019, the City sent official correspondence through the Mayor's Office to the Minister for Water; Fisheries; Forestry; Innovation and ICT; Science seeking approval to re-allocate the \$287,000 grant for the proposed installation of a beach enclosure at Falcon Bay, to support a beach patrol service at four beaches within the City of Mandurah.

This alternative option would see a contracted beach surveillance service established to complement the existing volunteer services offered by our 2 local Surf Lifesaving Clubs and would include beach lifeguards and jet-ski and drone patrols at the following beach locations within the City;

- Pyramids Beach, Dawesville
- Falcon Bay, Falcon
- Town Beach, Mandurah
- San Remo/Madora Beach

The service would operate for a 3 year period on a trial basis with the following draft scope proposed;

- Days Christmas to end January Daily
 February / March Saturday's only
 Easter Daily
- Hours From 8.00am to 1.00pm (generally, swimming activity markedly reduces when the sea breeze arrives).

Notes:

- *The Port Bouvard Surf Life Saving Club and the Mandurah Surf Life Saving Club provide volunteer services on Sundays over the Summer period.*
- *It is expected that two lifeguards would be on duty within the designated hours at each location.*
- *Key emergency and first aid equipment would be available on site at all times.*
- *Access to an integrated radio communication network would be available at each location.*

On 13 June 2019, the City of Mandurah was officially notified that its request to re-allocate the funds for the purposes of establishing a beach patrol service had been approved. The original grant of \$287,000 will now be made available for use as a one-off grant to the City of Mandurah to support beach patrols at Pyramids Beach, Falcon Bay, Town Beach and San Remo/Madora Beach during summer.

The State Government, through their correspondence to the Mayor, has identified Surf Life Saving WA to provide the proposed beach patrol service for the City of Mandurah. Sufficient market testing has taken place and a thorough investigation of service delivery options has occurred confirming that Surf Life Saving WA are the only organisation that can supply the quality of service that we seek and this is consistent with other Local Government Authorities who provide similar services for their communities.

Currently, volunteer beach patrols are provided at two of the four beaches proposed by the Port Bouvard and Mandurah Surf Life Saving Clubs. The addition of paid patrols by Surf Life Saving WA is seen as complimentary and will result in a recognisable and consistent presence across all beaches enhancing public perception of safety. It is also envisaged that the existing clubs infrastructure and equipment would be available under the future arrangements proposed. Under the City's procurement of goods and services policy (POL-CPM 02), the City may apply tender exempt provisions and enter into a sole source of supply arrangement for the delivery of its beach patrol services. It is therefore recommended that Surf Life Saving WA be contracted to deliver the City's Beach Patrol Service for the period 2019/20 – 2021/22 as sole provider.

Consultation

In line with the Council’s request that officers undertake an online engagement process to test the community’s support for beach patrols, community consultation was undertaken via the City’s ‘Have Your Say’ platform and Facebook page in April. The Have Your Say page received 123 page views and 96 visitors.

Of the feedback received, 72% of the community were in support of the professional lifeguard service and beach patrols being introduced. 17% were negative and 11% were neutral.

Combined with the Surf Life Saving brand wherein it is recognised that patrolled beaches are the safest places to swim and the notion of increased surveillance at popular swimming beaches would be considered to sit comfortably with all beach users.

Statutory Environment

Local Government (Functions and General) Regulations 11 (2) (f)

(f) the local government has good reason to believe that, because of the unique nature of the goods and services required or for any other reason, it is unlikely that there is more than one potential supplier.

Policy Implications

POL – CPM 02
Procurement of Goods & Services – Tender Exempt Supply Arrangements

Risk Implications

Mandurah is a City situated along the Western Australian coastline. The proposed beach patrol service is designed to complement the existing volunteer patrols provided by the City’s 2 local Surf Life Saving Clubs and aims to mitigate the natural risk elements associated with beach activities.

Economic Implications

As part of the initial assessment process for the provision of a beach patrol service, City Officers liaised with Surf Life Saving WA to obtain a cost estimate for the delivery of a contracted beach patrol service.

Based on the high level service scope developed, it is anticipated that the annual cost of providing a beach patrol service across the 4 locations identified would be approximately \$230,000 per year.

With the State Government’s grant funding now confirmed as a lump sum contribution towards the provision of the proposed beach patrol service, the expected breakdown of funding to deliver the service over the 3 year trail period is outlined below;

Year	City of Mandurah	State Gov’t Grant	Total Fee	Note
2019 / 20	\$120,000	\$110,000	\$230,000	The City has \$120,000 listed in its 2019/20 operating budget.
2020 / 21	\$141,500	\$88,500	\$230,000	
2021 / 22	\$141,500	\$88,500	\$230,000	
Total	\$402,000	\$287,000	\$690,000	

Strategic Implications

The following objectives from the *City of Mandurah Strategic Community Plan 2017 – 2037* are relevant to this report:

Social:

- Provide a range of social, recreational, entertainment and learning experiences for our residents and visitors.

Infrastructure:

- Advocate for and facilitate the provision of infrastructure that matches the demands of a growing population.

Identity:

- Encourage active community participation and engagement.

Organisational Excellence:

- Listen to and engage with our community.
- Deliver excellent governance and financial management.

Conclusion

The City has a number of popular swimming beaches that would benefit from actions aimed at supporting shark mitigation.

The proposal to establish beach patrol services including lifeguards and jet ski and drone patrols at four key Mandurah beaches, will provide a greater benefit to a broader section of the community in more convenient locations within the City rather than having a singular focus on one location being previously proposed with the beach enclosure at Falcon Bay.

It is recommended that Council Approves the City to enter into a service agreement with Surf Life Saving WA to deliver a beach patrol service for the next 3 years, incorporating beach patrols at Pyramids Beach, Falcon Bay, Town Beach and San Remo/Madora Beach.

RECOMMENDATION

That Council:

- 1. Approves the City to commence a sole source of supply arrangement through tender exempt provisions with Surf Life Saving WA to deliver a beach patrol service for the next three years (2019/20 – 2021/22) incorporating beach patrols at Pyramids Beach, Falcon Bay, Town Beach and San Remo/Madora Beach.**
- 2. Authorises the Chief Executive Officer to negotiate the conditions of and execute the contract.**
- 3. Acknowledges that funding has been incorporated into the City's 2019/20 budget and will be required year on year to fund the shortfall in the provision of the service and that any decision to extend the service beyond three years would need to be fully funded by the City.**
- 4. Notes that a further report will be presented to Council at the conclusion of the 2021/22 period that will evaluate the service and any extension beyond the three years.**

2 SUBJECT: 2019/20 Community Sport and Recreation Facility Fund (CSRFF) -
Small Grants Round
CONTACT OFFICER: Craig Johnson
AUTHOR: Paul Miller / Natalie Garnsworthy / Joanne Dunn

Summary

The Community Sport and Recreation Facilities Fund (CSRFF) is a Department of Local Government, Sport and Cultural Industries - Sport and Recreation program that provides financial assistance to community groups and local government authorities to develop basic infrastructure for sport and recreation.

The small grants aim to increase participation in sport and recreation, with an emphasis on physical activity through rational development of sustainable, good quality, well designed and well utilised facilities where the total cost does not exceed \$300,000. The application process for submissions involve local governments undertaking an initial assessment to ensure proposed projects are well planned, prioritised and of positive benefit to the community.

The City has received two applications from clubs as part of the CSRFF Small Grants Round and will be submitting one further application on its own behalf. Details of these applications are:

- City of Mandurah – Falcon Pavilion Toilet and Changeroom Upgrade
- Mandurah Tennis Club - Resurface of Courts 9 - 12
- Dudley Park Bowling Club - Resurface of Bowling Green D and upgrade of sports lighting to LED.

Council is requested to support the ratings and priorities of the three 2019/20 CSRFF Small Grants applications submitted and note that an allowance for the City's contributions towards projects is listed in the 2019/20 capital budget, subject to the projects being approved by the Department of Local Government, Sport and Cultural Industries - Sport and Recreation.

Disclosure of Interest

N/A

Location



Falcon Pavilion Toilets Changerooms

Lynda Street, Falcon



Mandurah Tennis Club

Thomson Street, Mandurah



Dudley Park Bowling Club

Comet Street, Dudley Park

Previous Relevant Documentation

- G.22/3/19 26 March 2019 Council considered the 2018/19 CSRFF Small Grant applications – Summer Round and endorsed an application from the Mandurah Tennis Club: Resurfacing of Courts 9 -10 and South Mandurah Tennis Club: Resurface of Courts 1 - 2 and 7 – 10.
- G.18/8/18 28 August 2018 Council considered the 2018/19 CSRFF Small Grant applications – Winter Round and endorsed an application from the Mandurah Mustangs Football Club: Upgrade and redevelopment of the Rushton North Pavilion Changeroom facility, Northport Reserve: Construction of toilet / storage facility, Halls Head Bowling Club: Installation of LED sports lighting and South Mandurah Tennis Club: Resurface of Courts 1 - 2 and 7 – 10.
- G.17/3/18 27 March 2018 Council considered the 2018/19 CSRFF Small Grant applications – Summer Round and endorsed an application from the South Mandurah Football Club: Construction of Changeroom Facilities, Dudley Park Bowling Club: Resurface of Bowling Green and South Mandurah Tennis Club: Resurface of Courts 1 - 2 and 7 – 10.

- G.24/8/17 22 August 2017 Council considered the 2017/18 CSRFF Small Grant applications – Winter Round and endorsed an application from the Mandurah Croquet and Recreation Club: Construction of a Universal Accessible Toilet, South Mandurah Tennis Club: Upgrade to Sports Lighting on Courts 3 - 6, South Mandurah Football Club: Construction of Changeroom Facilities and Peel Thunder Football Club: Feasibility Study for a Future Centre of Excellence Facility.

- G.23/3/17 23 March 2017 Council considered the 2017/18 CSRFF Small Grant applications – Summer Round and endorsed an application from the South Mandurah Football Club for the construction of change room facilities, Port Bouvard Sport and Recreation Club for the replacement of B green bowling surface and a joint application from the Mandurah Triathlon Club and Mandurah Ocean Club for an upgrade to the storage facilities at Mandurah Yacht Club.

Background

The Department of Local Government, Sport and Cultural Industries - Sport and Recreation offer three grant categories within the CSRFF program:

- (a) Forward Planning Grants: \$166,667 up to \$4,000,000 can be allocated to large scale projects where the total project cost exceeds \$500,000 and may require an implementation period of between one and three years. Grants given in this category may be allocated in one or a combination of the years in the triennium.

- (b) Annual Grants: \$50,000 to \$166,666 can be allocated to projects with a planning and construction process that will be complete within 12 months. The total project cost for Annual Grants is between \$150,000 and \$500,000. Grants given in this category must be claimed in the financial year following the date of approval.

- (c) Small Grants: \$7,500 to \$100,000 can be allocated to projects involving a basic level of planning. The total project cost for Small Grants must not exceed \$300,000. Grants given in this category must be claimed in the financial year following the date of approval. There are two rounds per year coinciding with the summer and winter seasons.

The maximum CSRFF grant approved can be no greater than one third of the total estimated project cost. The Department of Local Government, Sport and Cultural Industries - Sport and Recreation contribution must be at least matched by the applicant's contribution. Council is required to rank each project according to its priorities for the development or upgrade of facilities, ensuring consistency with relevant strategic documents, and then rate each project according to individual merit.

The project ratings are identified as follows:

Well planned and needed by the municipality	High
Well planned and needed by applicant	Medium/High
Needed by municipality, more planning required	Medium
Needed by applicant, more planning required	Medium/Low
Idea has merit, more preliminary work needed	Low
Not recommended	Not recommended

Comment

Council has been requested to consider two applications from clubs as part of the CSRFF Small Grants Round and one further application on its own behalf.

City of Mandurah – Project 1

Project	Falcon Pavilion Toilet and Changeroom Upgrade
Location	Lynda Street, Falcon
Years Applied for	2019/20
Total Project Cost	\$241,848
Eligible Grant Criterial Total	\$80,616
CSRFF Grant	\$80,616
Requested from Council (CSRFF program)	\$86,232
CoM (2019/20) Capital Budget	\$75,000
Clubs' Contribution (Cash)	Not applicable
Clubs' Contribution (in kind)	Not applicable
Recommended Ranking	It is recommended that this project be given a ranking of “1” and a rating of “high”

Project Details

The City of Mandurah completed the Falcon Reserve Activation Plan in early 2019 as a guiding document to the future development of Falcon Reserve, both as a district level active reserve and recreation hub for the community. In line with the priorities of the Activation Plan, the City has supported South Mandurah Football Club in its delivery of two new change rooms adjacent to the Clubhouse and with the support of Lotterywest the City will complete both an upgrade of the Falcon Reserve Skate Park and commence works on a new play space in the 2019/20 financial year to create a new recreation precinct within Falcon Reserve.

As one of Mandurah’s oldest suburbs and with limited public open space available, Falcon Reserve is an invaluable asset to the community that requires significant upgrades and improvements. With the growing levels of female participation in sport and the introduction of netball into the now known Peel Football and Netball League (PNFL) it is essential that suitably designed female friendly facilities are available for fixtures both on the oval and on the courts.

The public toilets and community change rooms within Falcon Pavilion are a particularly aged and degraded City asset. Notwithstanding the need to remove asbestos, both the toilets and change rooms require a complete redesign and refurbishment to deliver unisex amenities that meet current standards in both service provision and Community Planning Through Environmental Design (CPTED) principles.

The upgrade of the changerroom component of Falcon Pavilion is particularly vital to the delivery of the PNFL fixtures. Further to this and with an even greater significance, following the upgrade of the Falcon Skate Park and the establishment of a new play space and family recreation space, there will be an increased demand for suitable family friendly, accessible public amenities. All of these elements meeting the objectives of the Falcon Reserve Activation Plan.

Having previously been unsuccessful in external funding for this project in 2018, the City are now pursuing CSRFF funding to deliver this project as a high priority in the implementation of the Falcon Reserve Activation Plan.

Officers have recommended that this project is ranked one and rated “high”, as it is well planned and needed by the clubs and the community. In making this assessment, Officers noted that the City has budgeted \$75,000 through the 2019/20 capital budget towards this project as a carry forward from the previous financial year and can meet the remaining budget through the City’s CSRFF contribution.

Mandurah Tennis Club – Project 2

Project	Resurface of Courts 9 - 12
Location	Thomson Street Mandurah
Years Applied for	2019/20
Total Project Cost	\$39,006
Eligible Grant Criterial Total	\$13,002
CSRFF Grant	\$13,002
Requested from Council	\$13,002
Other Potential Funding	-
Clubs' Contribution (cash)	\$13,002
Clubs' Contribution (in kind)	\$
Recommended Ranking	It is recommended that this project be given a ranking of “2” and a rating of “medium/high”

Project Details

The Mandurah Tennis Club (MTC) is proposing to carry out a resurface of four courts (9 to 12) to ensure it can continue to provide safe and suitable infrastructure for their members and visitors. The project will positively impact on the community’s ability to participate in physical activity and provides increased opportunities for the safe use of sporting venues within the City. The resurface of court 9 to 12 includes:

- Patching of cracks to reinforce the fiberglass membrane,
- Coating the surface with a Plexi-pave Acrylic Surface System,
- Line marking.

The MTC has leased a portion of City freehold owned land at Rushton Park since 1981. Originally the club encompassed eight tennis courts and the main club building, as well as car parking facilities. In 1991 they requested an extension to the lease area to provide additional car parking and an additional four tennis courts, (9 to12) with the lease area increasing to the current area.

The Club provides opportunities for both competitive and social tennis players throughout central Mandurah. The club has approximately 136 members and manages their courts and charges a fee for use.

In July 2005, the club resurfaced four courts at a cost of \$35,000 and prior to this had installed court lighting. In addition, MTC has recently carried out a minor refurbishment to the kitchen facility and also an upgrade to the tennis hit up wall. The club applied for funding through the CSRFF program as part of the 2018/19 small grants round to resurface Courts 9 – 12 but was unsuccessful.

Officers have recommended that this project is ranked two and rated “Medium/high”, as it is well planned and needed by the club. In making this assessment, officers noted that the MTC has a court replacement fund in place, is financially sustainable and is a good tenant of the City. The project’s financial viability is strongly reliant upon both CSRFF and the City given the proposed one-third contribution in capital funds.

Dudley Park Bowling Club – Project 3

Project	Resurface of Bowling Green D and upgrade of sports lighting to LED
Location	Comet Street, Dudley Park
Years Applied for	2019/20
Total Project Cost	\$145,838.18
Eligible Grant Criterial Total	\$145,838.18
CSRFF Grant	\$48,612.18
Requested from Council	\$48,613
Other Potential Funding	-
Clubs' Contribution (Cash)	\$48,613
Clubs' Contribution (in kind)	-
Recommended Ranking	It is recommended that this project be given a ranking of “3” and a rating of “medium/high”

The Dudley Park Bowling Club is located on Crown Reserve 25477 with the title vested to the City of Mandurah for the purpose of recreation, with a power to lease and or sub lease. The lease with the club was renewed in 2013 for a period of ten years, with an option for a further 11 years.

The club is affiliated with Bowls WA and has 263 members. The facility is primarily used by club members and local schools. The club hosts four bowling carnivals each year that are generally regional, state or international events.

Previously the Dudley Park Bowling Club has undertaken significant renovation works to upgrade toilet facilities and installed solar panels at their own cost. In addition, the club resurfaced a synthetic bowling green in 2015/16 via the CSRFF program, to which the City contributed \$34,693 and in 2018 carried out a resurface at their own cost.

The Dudley Park Bowling Club have identified two projects within the CSRFF application which need to be undertaken, these are:

1. Resurface of Bowling Green D

The original bowling surface was installed in 2007 and has become significantly worn in the last few years. The club will be carrying out a full replacement of the surface to an Ultra Plus12mm synthetic surface. The synthetic surface is UV stabilized producing a long lasting, high performance surface.

2. Upgrade of sports lighting to LED

The Dudley Park Bowling Club has included an upgrade of the current sports floodlights around two bowling greens to LED in accordance with the Australian Standards within the CSRFF application. A lighting plan has been prepared which provides competition, recreation and training standard lighting up to 100 lux.

The Club has identified that the current lighting around two of the bowling greens requires an upgrade to LED. The bowling greens are utilised to capacity during daytime hours and there is limited opportunities for further participation growth with inadequate lighting for night time competitions.

Night time bowling participation and access of floodlighting is considered important to delivering increased physical activity opportunities for both competitive and recreational bowling participants. With the Department of Local Government, Sport and Cultural Industries - Sport and Recreation focusing on increasing participation it is considered that the upgrade of floodlit bowling greens will meet this objective.

Officers have recommended a ranking of three and a rating of “medium/high” as the proposed resurface works and lighting upgrade helps the club manage the activities on the bowling greens. In making the assessment, officers identified the capacity of the Club to provide and maintain the proposed infrastructure. Furthermore, it should be noted that the project’s financial viability is strongly reliant upon both CSRFF and the City given the proposed one-third contribution in capital funds.

Consultation

Consultation for the proposed facility upgrades have been undertaken according to the following:

- **City of Mandurah**
Consultation has occurred with the Department of Local Government, Sport and Cultural Industries - Sport and Recreation, South Mandurah Football & Netball Club, South Mandurah Junior Football Club, South Mandurah Junior Cricket Club, and City of Mandurah internal departments.
- **Mandurah Tennis Club**
Consultation has occurred with the Department of Local Government, Sport and Cultural Industries - Sport and Recreation, Tennis West and the City of Mandurah.
- **Dudley Park Bowling Club**
Consultation has occurred with the Department of Local Government, Sport and Cultural Industries - Sport and Recreation, Bowls WA and the City of Mandurah.

Statutory Environment

N/A

Policy Implications

Policy CNP-07 Community & Recreation Facilities

This policy guides the City in the design, development and management of City owned community and recreational facilities. The policy applies to both existing and future facilities.

Risk Implications

N/A

Economic Implications

The three projects recommended for support are:

Project	Lodged by	Council Contribution Requested
Upgrade of Falcon Change rooms to female friendly facilities	City of Mandurah	\$86,232
Resurfacing of courts 9 - 12	Mandurah Tennis Club	\$13,002
Replacement of Bowling green and upgrade to external lighting around bowling green to LED	Dudley Park Bowling Club	\$48,613
Total		\$147,847

Council retains the discretion to contribute to any project on a priority and financial capacity basis, including projects that are unsuccessful through the CSRFF funding program.

In previous years, Clubs whose projects have been unsuccessful through the CSRFF program have made requests to the City to honour its 1/3 funding commitment. In these circumstances, the Club has met the funding shortfall increasing its commitment to 2/3 of the total cost.

Results of the grant applications will be announced in November 2019 with the projects to be delivered in the 2019/20 financial year. If the three projects are successful in their grant submissions, the combined funding contribution from Council would total \$147,847. Currently, the City has the following funding allocated in the 2019/20 capital budget.

\$150,000 CSRFF Projects – Various
\$75,000 Falcon Pavilion – Toilet & Changeroom Upgrade

Strategic Implications

The following strategies from the *City of Mandurah Strategic Community Plan 2017 – 2037* are relevant to this report:

Social

- Provide a range of social, retail, recreational and entertainment experiences for our residents and visitors.

Infrastructure

- Advocate for and facilitate the provision of infrastructure that matches the demands of a growing population.

Identity

- Encourage active community participation and engagement.

Organisational Excellence

- Ensure the City has the capacity and capability to deliver services and facilities that meet community expectations.

Conclusion

The three applications received through the 2019/20 CSRFF Small Grants Round have been well prepared by the clubs and are consistent with Council's Community and Recreation Facilities policy.

A requirement of the CSRFF funding program is that if Council funds are being contributed then there is a pre-commitment of funding for the year in which the grant is approved. The Council contributions reflected in this report are as requested from the applicant clubs.

The table below is a summary of the application rankings and the individual ratings for each project:

Grant Type	Rank	Project	Rating	Lodged by	CSRFF Funding Requested	Club Funding	Council Contribution Requested
Small	1	Upgrade of Falcon Pavilion Toilet & Changeroom facilities	High	City of Mandurah	\$80,616	N/A	\$86,232

Small	2	Resurfacing of courts 9 - 12	Medium / High	Mandurah Tennis Club	\$13,002	\$13,002	\$13,002
Small	3	Replacement of Bowling Green D and upgrade to sports lighting to LED	Medium / High	Dudley Park Bowling Club	\$48,612.18	\$48,613	\$48,613

RECOMMENDATION

That Council supports the rankings and ratings for the Community Sport and Recreation Facility Fund Small Grant applications from the following clubs / organisations:

- **City of Mandurah**
Project: **Falcon Reserve Toilets and Changeroom Upgrade**
Ranking: **One**
Rating: **High**
- **Mandurah Tennis Club**
Project: **Resurfacing of courts 9 - 12**
Ranking: **Two**
Rating: **Medium/High**
- **Dudley Park Bowling Club**
Project: **Replacement of bowling green D and upgrade of sports lighting to LED**
Ranking: **Three**
Rating: **Medium/High**

3	SUBJECT: CONTACT OFFICER: AUTHOR:	South East Dawesville Channel Foreshore Master Plan Craig Johnson Joanne Dunn
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Summary

In July 2017, Council endorsed the South East Dawesville Channel Land Use Plan as a guide to enable the development of a master plan for the public foreshore area of the site.

The City engaged an external consultant to both assist in the facilitation of the community engagement program and to develop the draft master plan for the South East Dawesville Channel Foreshore in line with community and stakeholder feedback.

Community interest in the project was high however differing views on the way forward have been presented. The Channel Heights Residents group has communicated that it does not support the City's staged approach to the master-planning process and would rather see the full site master-planned as public open space as a means to ensure it is used for no other development purposes. Additionally, some members of the Port Bouvard Recreation and Sporting Club would rather the Club retained exclusive use of the foreshore area. However, the wider community has welcomed the City's intent to improve public access to the foreshore area and have provided comprehensive input into the Plan.

Additionally, the City engaged directly with the key stakeholders of the site, the Port Bouvard Recreation and Sports Club and the Department of Education whom have until recently had exclusive access to the northern foreshore within the master-planning site. With significant concerns for the co-location of boat launching facilities, dual use path links and the retention of functional operating space the City has worked closely with the groups to achieve a design that will both support club operations and enable the community to enjoy the space safely when sailing activities are taking place.

One of the key items of feedback throughout the process was the considered lack of parking that is likely to occur when the foreshore is further activated following development. This was acknowledged by City officers and as a result two master plan options have been prepared. Option One delivers the draft South East Dawesville Channel – Foreshore Master Plan within the boundaries identified in the Land Use Plan. Option Two identifies additional parking via a proposed roundabout off Estuary Road which would be located outside of the identified foreshore planning site. Option Two would also offer a designated entry point into the remaining 4.2 hectares of Lot 30624, a preferred feature to the Channel Heights Residents Association as it would eliminate increased traffic via Thisbe Drive into the future.

Following significant community engagement, City officers are seeking Council's endorsement for the South East Dawesville Channel – Foreshore Master Plan Option Two as a guiding document to the future development of the site and note that a funding strategy will be developed for the future staged delivery of the project.

Disclosure of Interest

Nil

Location



South East Dawesville Channel Reclaimed Site (Lot 30624)

Previous Relevant Documentation

G.13/7/18	24 July 2018	Approval for the variation of leases held with the Department of Education and Port Bouvard Recreation and Sporting Club over a portion of reserve 30624, variation of lease area.
G.23/7/17	25 July 2017	Endorsement of the draft Land Use Plan for the South East Dawesville Channel site. Approval for the City to pursue a revised leased area for the Club in line with the Land Use Plan and seek approval to develop a draft Master Plan for the Public Open Space / Foreshore area identified on the plan.
G.19/8/14	26 August 2014	Agrees to enter into a Memorandum of Understanding with Tourism WA with the intent of working co-operatively to attract private investment on Reserve 30624 Thisbe Drive, Dawesville, for a tourist caravan park.

Background

The South East Dawesville Channel site is approximately eight hectares of land reclaimed as part of the Dawesville Cut development. The site has existing facilities that include the Southern Estuary Hall, Port Bouvard Yacht Club and the John Tonkin College, Maritime Training Facility.

In 2005, a draft masterplan was developed and adopted by Council but was not publically advertised due to the need to establish the potential strategic tourism value of the site. As a part of the Mandurah Active Receptions Strategy the site was listed as a possible future active reserve, however the Strategy discounted the site based on the grounds that it held a significant value for tourism purposes.

In 2014, Tourism WA investigated the potential for a caravan park to be developed on the site. This proposal was not support by local residents at the time and the concept was abandoned.

In 2016, the Port Bouvard Yacht Club contacted the City to discuss potential future development options for their yachting facility. The main issue for the Yacht Club was the lack of space in their current leased area to the south and the west of the current building leaving limited options for any boat storage or development plans.

It was considered that the best approach in revisiting the draft master plan was to initially develop a 'Land Use Plan' for the site. The 'Land Use Plan' was finalised and endorsed by Council in July 2017 with additional recommendations for the City to engage with the Port Bouvard Recreation & Sporting Club and the Department of Education to revise their community lease areas in line with the Land Use Plan and requested that the City develops a draft Master Plan for the Public Open Space / Foreshore area and provide a report back to Council for consideration.

Subsequently, the lease for the Port Bouvard Recreation & Sporting Club and the Department of Education has now been revised in line with the Land Use Plan.

Comment

Further to the recommendations of South East Dawesville Channel Land Use Plan report in July 2017, the City delivered a Community Engagement Program between March and June 2019 to invite the community to be involved in the design process for the development of the draft South East Dawesville Channel – Foreshore Master Plan.

Having realigned the leased boundaries of the Port Bouvard Recreation and Sports Club and the Department of Education site, the City was able to provide the appropriate storage area requested by the marine based groups. This was achieved by extending the rear boundary of the leased area and subsequently modifying the front boundary of the site to reinstate public access to the foreshore and create further design opportunities within the foreshore master-planning site.

The key objectives and considerations for the South East Dawesville Channel – Foreshore Master Plan were as follows:

- To provide public open space for community recreation
- To create accessible links to the foreshore area
- To improve access to public amenities
- To ensure that future planning considers the functional requirements of the leased groups and that access to the water and boat launch areas is unrestricted

The City engaged an external consultant to assist with the facilitation of the community workshops and to prepare the required draft plans.

With significant interest generated in the project, the first round of community workshops were very well attended. However, a proportion of the local community's interest was largely focused on the future use and development of the 4.2 hectares (marked for future consideration) and not specifically the proposed master-planning site.

There was a general consensus among residents in close proximity to the master-planning site, namely members of the Chanel Heights Residents group, that the City's approach to the future planning of Lot 30624 was fragmented and unacceptable due to the unspecified timeline and clarity on the future development of the remaining 4.2 hectares of land. However, notwithstanding the staged approach to the planning of Lot 30624 the wider community expressed positive interest in the project and the City's intent to create and improve amenities south of the Dawesville Cut.

An example of visions provided by participants captured in Stage One of the community engagement process included:

Visions within the project scope:

- A nature playground / family friendly facilities
- An all-access canoe launch jetty
- A BMX/pump track
- Keep it as natural as possible
- Improved parking and amenities

Visions outside of the project scope:

- An indoor spa and gymnasium facility
- Up market café / Restaurant
- A five star holiday resort / Short stay Caravan Park / RV overnight parking (Note: feedback / comments were received both in support for and against such concepts).

A full summary of the feedback is available in Attachment 3, including considered design omissions.

During Stage Two of the community engagement program both the community and stakeholders were invited to review the plan and provide further comment. The general consensus was positive with some very clear and repetitive feedback in four key areas to be considered or improved. These were:

- Congestion of proposed all-access canoe launch site area (This has now been removed)
- Lack of parking, with consideration of further activation of the site
- Long-term access to lot 30624
- The width and turning circle of the leased boat launch ramp and jetty for the Port Bouvard Recreation & Sports Club.

The final draft plan now considers the above feedback with appropriate modifications made following direct communications with the relevant stakeholders. Unfortunately, the proposed all-access canoe launch jetty was removed with the support of the Canoe Friends group as the location and topography was not ideal. However, the City will continue to consider an all-access canoe launch jetty within the site as planning progresses to the detailed design stage or alternatively at a separate location.

With the above feedback in mind, the City considered that should the use of the foreshore area increase as would be expected with the proposed infrastructure, then the existing parking would not be sufficient. For this reason, two Master Plan options have been developed:

- South East Dawesville Channel – Foreshore Master Plan - Option One (*refer **Attachment 1***) - incorporates all future planning within the proposed foreshore master plan site.
- South East Dawesville Channel – Foreshore Master Plan - Option Two (*refer **Attachment 2***) – includes a roundabout at the junction of Estuary Road and Thisbe Drive with a proposed entry point and additional parking located just outside of the gazetted foreshore master-planning site. This modification would also create an alternate access point into the remaining 4.2 hectares of land, a preferred approach for Channel Heights Residents group.

Consultation

The City delivered a comprehensive community engagement program resulting in the draft master plan. Outlined below are the mediums used to communicate with the community and a summary of the engagement timeline:

- A Project Page on Mandurah Matters
- Direct DL Flyer delivery (to all residents south of Wannanup - inclusive)
- Direct Mail out to key stakeholders and community members whom registered an interest in the project
- A project display and survey at Falcon Library
- Social Media via Facebook

	Purpose	Format	Date	Venue
Stage 1	Scoping and Visioning	Workshop	28 March	Port Bouvard Recreation & Sports Club
	Scoping and Visioning	Drop-in Information	6 April	Ocean Road Sports Facility

Stage 2	Present Draft Concept	Workshop	9 May	Port Bouvard Recreation & Sports Club
	Present Draft Concept	Drop-in Information	11 May	Ocean Road Sports Facility
Stage 3	Design Reveal	Drop-in Session	8 June	Port Bouvard Recreation & Sports Club

Key Stakeholders

- Port Bouvard Recreation and Sporting Club
- Department of Education
- Canoe Friends Group
- Channel Heights Residents Group
- Local Residents

All comments and community feedback captured throughout the process have been collated in the Community Engagement Summary (refer **Attachment 3**).

Statutory Environment

Nil

Policy Implications

Nil

Economic Implications

The draft South East Dawesville Channel – Foreshore Master Plan is intended as a guiding document and is the precursor for further detailed planning to be carried out for this site. The estimated cost to deliver the outcomes of the draft plan (Option Two) is approximately \$2.2million to be delivered over a staged approach with the City having identified a total of \$1million over 3 years in its ten year draft capital plan, commencing in 2022/23. The next stage in the planning for this site is to develop a funding strategy and identify the potential for external funding opportunities to support the implementation of the plan.

Risk Analysis

The community engagement process employed, facilitated the opportunity for a large number of residents to actively participate in the development of the draft master plan. Despite the outcome that this has achieved, it is important to understand that those residents that live in close proximity to the site (ie. Channel Heights), have a high level of interest and some real concerns regarding the future use of the remaining portion of the reserve.

Strategic Implications

The following strategies from the *City of Mandurah Strategic Community Plan 2017 – 2037* are relevant to this report:

Environment:

- Protect and ensure the health of our natural environment and waterways.

Social:

- Provide opportunities, services and activities that engage our young people.

- Provide a range of social, recreational, entertainment and learning experiences for our residents and visitors.

Infrastructure:

- Advocate for and facilitate the provision of infrastructure that matches the demands of a growing population.

Identity:

- Encourage active community participation and engagement.

Conclusion

Having concluded the community engagement process for the South East Dawesville Channel – Foreshore Master Plan, it is clear that there is a demand for additional amenities and public open space in the City’s southern suburbs. However, it is also clear that this needs to be achieved whilst preserving a natural setting with an environmentally friendly approach.

The conservative design approach of the master plan has been well received, however it is acknowledged that the interaction of path networks and the boat launch area is a potential conflict that needs to be further considered and managed through the detailed planning stage with tailored design elements such as tactile surfaces, signage and staggered gates notwithstanding user awareness and community coexistence.

Through final amendments to the draft plan, the City was able to resolve most of the key areas of feedback within the master-planning site. All with the exception of additional parking. For this reason, it is recommended that option two of the South East Dawesville Channel – Foreshore Master Plan is considered to ensure the Plan meets the growing needs and expectations of the community.

NOTE:

- Refer ***Attachment 1 South East Dawesville Channel – Foreshore Master Plan Option One (Draft)***
Attachment 2 South East Dawesville Channel – Foreshore Master Plan Option Two (Draft)
Attachment 3 Community Engagement Summary

RECOMMENDATION

That Council:

1. **Endorse the draft South East Dawesville Channel – Foreshore Master Plan Option Two as a guiding document to the future development of Lot 30624 – Stage One.**
2. **Note that the next step in planning for the South East Dawesville Channel – Foreshore project is to develop a funding strategy for the future staged delivery of the project.**

Dawesville Channel South East Foreshore Masterplan

Option 2





Amenity / Feedback	Project Page	Workshops	Social Media	Other	Total	Included/Omitted
Activated and Family Orientated						
Fenced Play area/ Play space / Nature Play	3	22	2		27	Yes
Boardwalk		1	4		5	Yes
Lots of trees/ Shade		6	2		8	Yes
Toilets and showers		8	1		9	Yes
Community Recreation area		3	1		4	Yes
Green Space		2			2	Yes
Family friendly space (benches, BBQ , shade and grassed space)	2	19	8		29	Yes
A massive rotunda for rainy day picnics		1	3		4	Yes - Significantly sized rotundas x 2
Raised viewing deck (wine nights/ star gazing/ functions and excursive)	3	3			6	Yes
Dog amenities (bins and bags)		5			5	Yes - This will be in the detail at a later stage under Park management
An enclosed dog park	2		3		5	No - There are currently 8 locations being circulated by the City in a Community Enagagement program. Sizes selected based on size, location and proximity of other amenities.
Landscaped Recreational Parkland	2				2	Yes
Sub-Total					106	
Accessibility						
Accessible Canoe Launch Site/ Disabled access to water	1	1		1+ Canoe Friends	3+	Yes
Shared Path links / Bike riding/ Running and walking	1	9	3		13	Yes
Additional Parking		6			6	Yes
New access road to Yacht Club from Estuary Drive		3			3	No - There is not enough space on the foreshore area and the remaining land is outside of scope.
Lighting/ Security		3			3	TBA - detail
No cars on the groyne		4			4	Yes
Better access to groyne	2	26	3	0	29	Yes - pedestrian only/ No vehicles
Sub-Total					61	
Accomodation / Eating						
Café/Kiosk		1	4		5	No - This is commercial and no buildings are proposed for the site
A tourist Caravan Park/ 5 star holiday park/ Short Stay caravan park	1	1	8		10	No - The allocated foreshore is a public area and not considered large enough or suitable for this purpose
Opposes a tourist Caravan Park	1	2	1	1+ Channel Heights Residents	4+	Noted. Letter received from Channel Heights Residents Association (up to 46 developed properties)
RV free overnight camping and dump site	1	4	9		14	No - Masper Plan site not considered large enough to fit suitable RV parking area.
Upmarket café/restaurant with attached fenced playground/ Overlooking water	1	1	2		4	No - This is commercial and no buildings are proposed for the site
Space for Food tracks	1				1	Yes - Space for food trucks has been identified to help activate the site
Sub-Total					37	
Water Activities						
Water world with eco accommodation / Water Park and wave park/ Tourism/Wate Playground		2	13		15	No - This a major commercial development for which the MP site is not big enough or suitably zoned.
Fishing/Crabbing		7			7	Yes
Launch facility for powered crafts / Boat Launch/ Parking for Trailers	2	7			9	No - Not enough space for vehichles and trailers to access and park around the site
Parking for boats and bar like the Ravenswood/ Short stay-overnight mooring (dredge)		1	4		5	No - Too shallow and would require significant dredging and ongoing maitenance. No restaurant facilities proposed
Retain access for Yacht Club activities and keep boat ramp private		4			4	Yes
Provide Space for future Boat Club Activities		1			1	No - Not within the scope of this project. Foreshore only

Water Sports/ sailing		5			5	Yes
Safe Swimming / SUP and Kayak Hire or BYO	3	9	1		13	Yes - Suitable for swimming, SUP boarding and kayaking etc. Commercial hire sompany is subject to trading in a public place assessment and approvals
Sub-Total					59	
Land Activities						
Recreation/sporting facilities	1	3			4	Yes/No Suitable for passive recreation but not structure sporting groups
Indoor membership based gym	1		3		4	No - MARC is considered a Regional facility. No plans for a further public gym facility in Mandurah
Outdoor Fitness/ Gym	5	4	3		12	Yes - a space for an outdoor exersize zone has been identified
Bird Watching		1			1	Yes/No - A large portion of the natural environment will be retained to encourage bird activity however no purpose built bird watching huts are proposed
Mountain Bike trail/ skate park / Pump Track / Ramps		2	2		4	No - Space is not suitably sized or located with passive surveillance. The City'is seeking a suitable location south of the Dawesville Cut for a district Skate Facility. Falcon Skate Park will also get an upgrade in 2019/20 (funded) and Falcon Reserve has also been identified for future pump track.
Basketball		1	3		4	No - Limited space whilst trying to maintain natural area
Whirlpool, sauna, steam bath	3	1			4	No - MARC is considered a Regional facility. No plans for a further public facility in Mandurah
Sub-Total					33	
Environemental / Cultural						
Consider existing birds and wild life. Protect not develop	2		4		6	Yes - The plan consideres the local wildlife and retains a substantial amount of natural bush and revegetated bush areas.
Connection to natural enviroment / Keep Natural		3			3	Yes
Leave as is			11		11	Yes / No - The plan is conservative in an effort to provide access and public amenities but maintaining significant areas of bush and natural vegetation. Pedestrian access is guided by path ways and boardwalks to minimise impact on the natural areas
Build aboriginal park and sculptures		1			1	To be considered in detailed design
Consider bird habitat and ecosystem. Conservative development	1	1	3		5	Yes - The plan is conservative in an effort to provide access and public amenities but maintaining significant areas of bush and natural vegetation. Pedestrian access is guided by path ways and boardwalks to minimise impact on the naturak areas
Sub-Total					26	
Other						
Rottnest Ferries			6		6	No - Not considered a suitable site. A Needs Assesment woul be required.
Acknowledge City for doing something			3		3	N/A
Happy to have anything progress after sitting stagnant for 25 years	1				1	N/A
Community Fire Pit	1	1			2	No - Liability issue (difficut to manage with no staff or buildings around)
Replace old buildings with new						No - Not in scope - Leased area
Realign yacht club and use water views better for the community.	2				2	The leased area for the Yacht Club is not considered within the scope of this Master Plan
Would use is if was developed but not at present		1			1	Noted
A Water Research Institute	1					No - This is a public space and not considered a suitable site.
Youth should be considered more. Older generation are opposing new facilities		1			1	Noted
Sub-Total					16	
Total Comments (approximately)					338	

Note:
Counts are based on a comment made plus social media 'Like'
Omissions are in red
Comments may be paraphrased to manage volume and conslildate feedback

Concept Review Feedack - Stage 2

What elements of the lando you like? Why
Heaps
More open and public space
New toilets/ look-out platform and boardwalk
Plan is marlelous, bike paths and retic lawn
Like most aspects of plan
Looks attractive and good step frward
Public Open Space
Landscaping at SE corner is good
Cycle and walkways
As a whole a good ideaFamily orientated and path from one end to the other
Compliments the existing area whilst creating community space to be enjoyed
The closed play space. Footpaths and grassed areas
Looks like a great balance with nature
What elements don't you like? Why?
None at this stage
Make the sailing Club ramps work
Insufficient parking
Lack of parking
Traffic management
Possible fence or barrier with the yacht club
Extend bike track so don't have to go through car park
What would you change?
Looks great
Add a skate/BMX track
Add a coffee shop
Would like to see area infront of yacht club extended
Car parking needs to be increased
Have a proper enstrance at Estuary Road and Thisbe Drive
Maybe look at a caravan park in the larger area
Yacht club should be encouraged to embrace public area to the front like Nedlands
Ensure bike track goes all the way through public open space
Better boat ramp and ample parking
Location of disabled jetty away from winds
Further comment
A caravan Park (short stay) would be great for the area
Lighting - See busselton wind-powered and solar
Lights - Solar
Provide reticulated lawn to Yacht Club and get them to clean their yard

Statistics

Workshops Attendance

Workshop Attendees	
Workshop 1 - Visioning	62
Workshop 2 - Visioning	20
Workshop 3 - Concept Review	10
Workshop 4 - Concept Review	10
Workshop 5 - Design Reveal	34
	136

Emailed Responses

Positive	Negative
Terry Chapman	Gary Reed
Michelle Sidebottom	Samuel Moore
Canoe Friends	Paul Witschey
	John Robertson (Sailing Club)
	Scott Dwyer (Channel Heights)
	Nat Cull
Grae Edmondson	Grae Edmondson (Channel Heights)
Greg Dixon	Greg Dixon
John Tonkin College	
6	8

4	SUBJECT:	Billy Dower Outdoor Space Upgrade
	CONTACT OFFICER:	Tim Hartland
	AUTHOR:	Natalie Lees
	FILE NO:	R0002445415

Summary

The Billy Dower Youth Centre (BDYC) outdoor area was identified as needing an upgrade to make it more welcoming. Young people using the centre have co-designed an upgrade to the area which includes urban art on the outside walls, basketball court resurfacing and a “chill out” garden area with decking and seating. This project is proposed to be funded through the use of money donated by a community member in their estate for the BDYC.

Disclosure of Interest

Nil

Location

Billy Dower Youth Centre, 41 Dower St Mandurah.

Previous Relevant Documentation

- G.18/10/14 28 October 2014 City of Mandurah Youth Strategy 2014 - 2018

Background

The City’s Youth Development Team runs or supports in partnership, a number of programs out of the BDYC, 2018 attendance statistics captured approximately 4000 visits by young people attending programs at the centre, with program attendance steadily rising. Additionally the BDYC is utilised for the School Holiday Program as well as Youth Leadership Group and Junior Council meetings. This semester the activity room and outdoor area will also be utilised by the centres school engagement program that will involve disengaged year 9 students utilising the centre.

The facility is available to be hired with a focus on community groups or organisations who cater for youth, with regular users including a young person’s music group, an adventure gaming society and the Comedy Club. The Youth Development team also coordinates the Young Yorgas program out of Winjan Aboriginal Corporation, the Dungeon’s and Dragons Club out of Falcon eLibrary and an additional after school drop in program at Lakelands Library and Community Centre.

The BDYC outdoor space is popular and well used during the After School Drop in (Wednesday and Thursday), the sports based Nightfields program (Friday night) and the Saturday program, which all aim to engage at risk youth. These programs regularly cater for around 20-40 young people at each session.

The outdoor area was identified as needing an upgrade to make it a welcoming space and to meet with OSH requirements. Young people using the centre have co-designed an upgrade to the area which includes urban art on the outside walls and a “chill out” garden area with decking and seating. OSH concerns have been raised around tree roots causing localised uplifting on the basketball court and some of the paving.

Proposal

- Create an inviting “chill-out” garden area with a small deck and inbuilt seating overlooking the basketball court and football oval. Young people will lead and participate in the design and planting of the native garden on National Tree Day as part of an After School Drop in session. The chill out garden will be used as a break out space for young people when the drop in activity room may be a sensory overload, or to have a private conversation with a Youth Officer.

- Remove part of the basketball court away from the tree and resurfacing of remaining court to both remove trips hazards and allow the tree room to grow. This will reduce the size of the court but its current use indicates this won't harm its popularity. It will also create an additional grassed area that can be used for other outdoor sports.
- Commission an urban artist to collaborate with young people to re-paint the outdoor wall, stepped seating area and path wall. This will create a more welcoming look and involve young people in creating their space.
- If possible (depending on detailed costing) remove the currently uneven paved path to the basketball court and replace it with an accessible asphalt path to connect to the new deck and the basketball court.

A community member left approximately \$32,000 in their Will to the youth of Mandurah, for use at the BDYC. It is available to be expended this financial year.

Comment

The aim of this project is to co-design a vibrant, safe and welcoming outdoor area for the Billy Dower Youth Centre. The budget will be utilised to activate the outdoor area into a space that young people have designed, created and will want to actively utilise.

The suggested improvements will help improve not only the aesthetics of the centre but may also positively influence the physical and mental health of young people using the area. The upgrade of this space will also enable the team to confidently develop future programs to further utilise the outdoor area.

Officers believe this project will honour the spirit in which the money was donated. The project will be for and undertaken in part by the youth of Mandurah.

Consultation

Consultation with young people on the design of the outdoor concept included a staff member and a local gardening contractor, who is also involved in the Mandurah Community Gardens, talking with young people over two After School Drop In sessions.

Young people were asked what they wanted in the outdoor space in groups and in one on one conversations. Different ideas such as a gazebos, shade sails, decking and chill out gardens were all discussed. Young people said they would like to have a seating area where they could watch football on the adjacent oval and basketball on the BDYC half court. These ideas were sketched up with the young people. Further investigations and quotes narrowed down the ideas to a decked seating area and native garden. The refined project plan has been reported back to young people who were satisfied with the outcome.

Statutory Environment

N/A

Policy Implications

N/A

Economic Implications

A community member provided for \$32,024.73 to be left in their Will with the stated purpose of: "Funds provided to City of Mandurah for the general purposes of the Billy Dower Youth Centre". The Benefactor was Mr David Eric Wells.

Risk Analysis

Nil

Strategic Implications

The following strategies from the *City of Mandurah Strategic Community Plan 2017 – 2037* are relevant to this report:

Environment:

- Encourage and enable our community to take ownership of our natural assets, and to adopt behaviours that assist in achieving our environmental targets.

Social:

- Help build our community's confidence in Mandurah as a safe and secure city.
- Provide opportunities, services and activities that engage our young people.
- Provide a range of social, recreational, entertainment and learning experiences for our residents and visitors.

Identity:

- Encourage active community participation and engagement.
- Become known as a city and destination for events, arts, heritage and culture.

Organisational Excellence:

- Listen to and engage with our community.
- Ensure the City has the capacity and capability to deliver appropriate services and facilities.

Conclusion

The Billy Dower Youth Centre Outdoor Space upgrade will help improve the services Youth Development can provide to young people using the centre. Council is requested to approve the use of the donated funds towards the project.

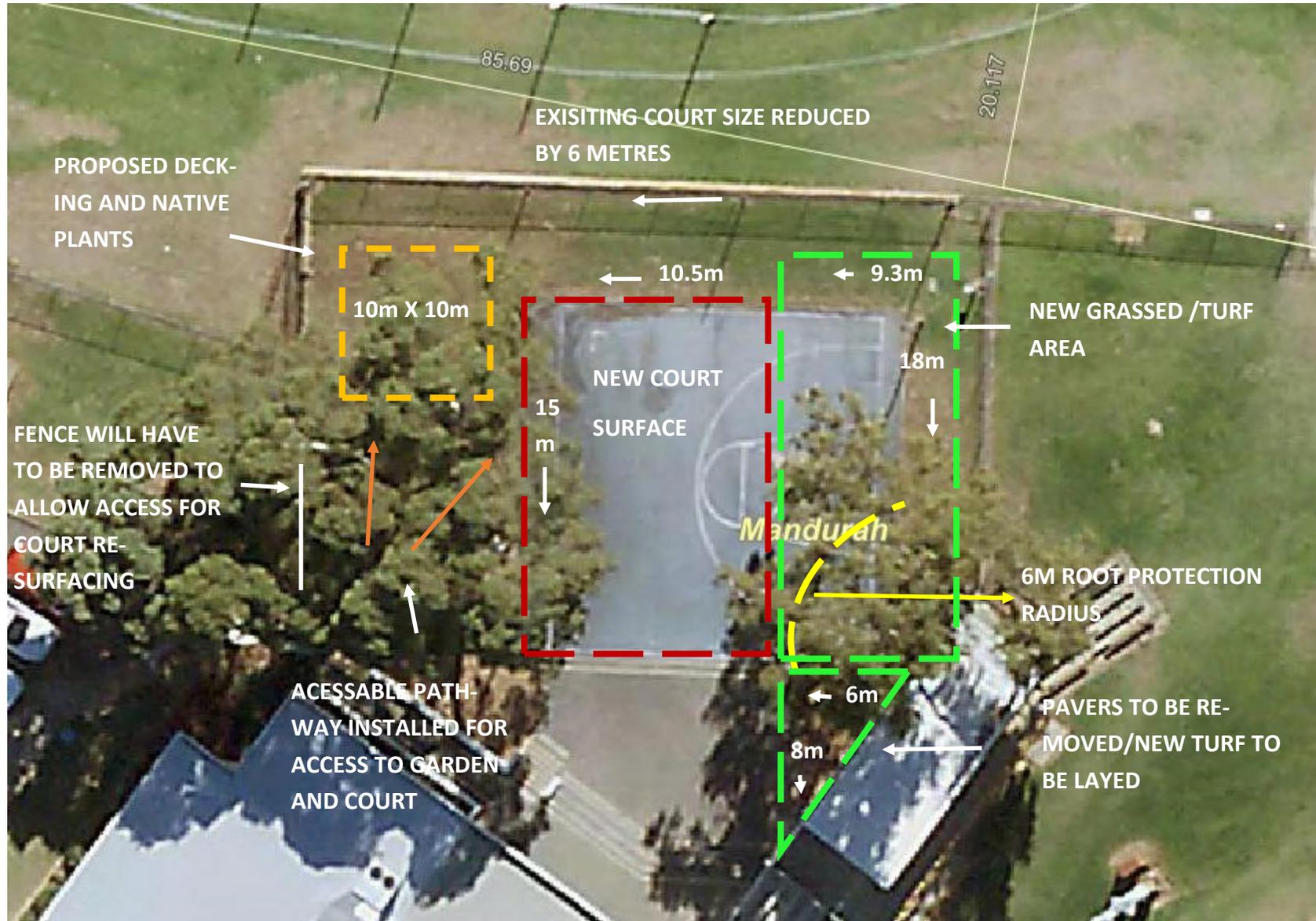
NOTE:

- Refer ***Attachment 1 Billy Dower Outdoor upgrade plan***
Attachment 2 Photos Billy Dower outdoor upgrade

RECOMMENDATION

That Council approves the use of \$32,024 donated by a member of the community for the use of upgrading the Billy Dower Youth Centre Outdoor space.

Billy Dower Youth Centre outdoor space upgrade project plan



Billy Dower Youth Centre outdoor space upgrade project



Basketball court



Outdoor walls for Urban Art (Current urban art will be painted over, additionally white steps and back wall will be painted)



Proposed chill out area with decking and native garden. Potential realignment of path.

5 SUBJECT: Tender Number 04-2019 - Construction of the Mandurah Southern District Bush Fire Brigade Facility
CONTACT OFFICER/S: Simon Hudson / Tahlia Jones
AUTHOR: Jonathan Spain / Vicki Lawrence
FILE NO: F0000206546

Summary

The City of Mandurah invited tenders for the Construction of the Mandurah Southern District Bush Fire Brigade Facility.

The Construction of the Mandurah Southern District Bush Fire Brigade Facility will feature:

- Communications office
- Office
- Meeting and training room
- Two Universal Accessible Toilets
- Kitchen
- Store
- Respiratory Cleaning area and
- 136m² of vehicle storage space

Council is requested to accept Moore Construction Pty Ltd as the preferred tenderer based on the evaluation of tendered submissions.

Disclosure of Interest

Nil

Location

2204 Old Coast Road



Previous Relevant Documentation

- Nil

Background

A tender for the Construction of the Mandurah Southern District Bush Fire Brigade Facility was advertised in the 8 May 2019 edition of the 'West Australian' newspaper, the 8 May 2019 edition of the Mandurah Coastal Times and the 9 May 2019 edition of the Mandurah Mail and was also displayed on notice board at the Administration Centre and the relevant Libraries.

Comment

The tender closed at 2:00pm on Thursday 30 May 2019. Submissions were received from the following:

1.	Civilcon (WA) Pty Ltd	Picton WA
2.	Classic Contractors	Willeton WA
3.	Cooper and Oxley Builders Pty Ltd	Jolimont WA
4.	Customised Projects Pty Ltd	Ascot WA
5.	Go2 Group Pty Ltd	Dawesville WA
6.	Hoskins Investments Pty Ltd ATF M R Hoskins Family Trust TA AE Hoskins	Osborne Park WA
7.	Infrastructure Development Builders	Subiaco WA
8.	J & K Reed Constructions Pty Ltd	Lake Clifton WA
9.	Link Build Construction	Perth WA
10.	Metrocon Pty Ltd	Perth WA
11.	Moore Construction Pty Ltd	Mandurah WA
12.	Palace Homes and Construction Pty Ltd	Inglewood WA
13.	Solution 4 Building Pty Ltd	Carlisle WA
14.	Tyrone Living	Balcatta WA
15.	Vera Builders Pty Ltd	Burswood WA

The following weighted qualitative criteria were used to assess and rank each tender submission:

Relevant Experience	10%
Technical Skills and Experience of Key Personnel	20%
Methodology	20%
Price	50%

To ensure that pricing did not influence the assessment of the qualitative criteria, the pricing was not provided to the evaluation panel until the assessment of the qualitative criteria was completed.

An evaluation panel, comprising of officers from Project Management, Emergency Management, and Design and Development Services individually assessed each tender against the weighted qualitative criteria submitted by each tenderer.

On completion of the assessment of the qualitative criteria, prices submitted were entered into the Evaluation Matrix as shown in the **Confidential Attachment** where a final analysis taking into account competitiveness and combined qualitative and price ranking was conducted in order to determine the tender which represented best overall value for money for the City.

As a result, the tendered submission from Moore Construction Pty Ltd was considered to be the most advantageous tender and is therefore recommended as the preferred tenderer.

A member of the City's Governance Services team coordinated and observed the tender evaluation process and is satisfied that the probity and procedural aspects relating to the evaluation were compliant.

Consultation

A non-mandatory site inspection was held on Wednesday 15 May 2019 at Old Coast Road, Herron and was attended by J&K Reed Constructions, Anderson Sheds, Moore Constructions, AE Hoskins, Go2 Group and Cooper and Oxley.

A financial assessment and/or a credit check was undertaken by Financial Services where no issues were identified.

Reference checks have been undertaken with nominated referees who reported that the preferred tenderer is considered to be capable of carrying out the Contract.

Upon award of the Tender, all tenderers will be offered the opportunity to attend debriefs to be advised of the strengths and weaknesses of their submissions. Tenderers are also offered the opportunity to provide feedback to improve the way the City manages procurement processes.

Statutory Environment

Part 4 of the *Local Government (Functions & General) Regulations 1996*.

Policy Implications

Policy POL-CPM 02 – *Purchasing of Goods or Services*.

Policy POL-CPM 01 – *Buy “Local” Procurement*.

Risk Analysis

The evaluation panel reviewed all submissions and determined that the lowest confirming tender's price exceeded the allocated budget. Governance Services approached all tendering contractors to review the specification and drawings and submit any possible cost savings. Examples of cost savings provided included; reduction of wall tiling in the two universal accessible toilets, installing trimdeck wall and roof sheeting in lieu of Revlock, installing roof whirly birds in lieu of ridge vents along with cost savings with the mechanical and electrical works.

The evaluation panel reviewed the cost savings from the tendering contractors and found that the cost savings offered by Moore Constructions the most advantageous to the City. The cost savings offered by Moore Constructions did not reduce the size, appearance or functionality of the building and which were important factors to the Department of Fire and Emergency Services.

The tender price, together with associated works and design costs, is narrowly within the total project budget, there is no inclusion of a contingency. DFES have indicated that it will consider and support slight overspends. This commitment is not part of the funding contract, and there is no definition surrounding what will or will not be reimbursed should variations or overspends occur. The City is, therefore, exposed to project cost risk which cannot at this stage be specified.

Economic Implications

Provision has been made in the current financial budget account number 1632.750523 in the amount of \$485,969.00 (excl. GST) for the construction.

The project budget does not provide for a contingency entering into this contract. As part of the funding arrangement with DFES the absence of a contingency has been discussed and an additional note provided in the confidential attachment.

Other

The City has commenced site works for the project. Public utility services including septic disposal have been confirmed. The responsibility for the building fitout is DEFS. There is no expectation, nor provision to provide sealed/paved driveways, internal roads or car parking for this project.

For further details refer ***Confidential Attachment***.

Strategic Implications

The following strategy from the *City of Mandurah Strategic Community Plan 2017 – 2037* is relevant to this report:

Organisational Excellence:

- Deliver excellent governance and financial management.

Conclusion

Tenders for the Construction of the Mandurah Southern District Bush Fire Brigade Facility were recently invited. Fifteen were received and assessed against both qualitative criteria and price. The result was that the submission from Moore Construction Pty Ltd represented overall best value for money for the City and it is therefore recommended that the City selects Moore Construction Pty Ltd as the preferred tenderer.

NOTE:

- Refer ***Attachment 1-Plan of the Mandurah Southern District Bush Fire Brigade Facility Confidential Attachment.***

RECOMMENDATION

That Council accepts Moore Construction Pty Ltd as the preferred tenderer for Tender Number 04-2019 for the Construction of the Mandurah Southern District Bush Fire Brigade Facility.

WALL TYPE LEGEND

GRAPHIC	CONSTRUCTION
	EXTERNAL VEHICLE AREA WALLS COLORBOND WALL CLADDING ON M.S. GIRTS
	EXTERNAL STUD FRAMED WALLS COLORBOND WALL CLADDING 92mm STEEL STUD FRAMED 13mm PLASTERBOARD
	INTERNAL PARTITION WALL 92mm STEEL STUD FRAMED WITH 13mm PLASTERBOARD
	INTERNAL MASONRY WALLS (FLUSH JOINTS) 305 x 90 x 76mm LONGREACH BRICK

NOTE
1. ALL WALLS TO FINISH 100mm ABOVE HIGHEST ADJACENT CEILING UNLESS NOTED OTHERWISE

DENOTES WALL TYPE COMPOSITION AS NOTED BELOW

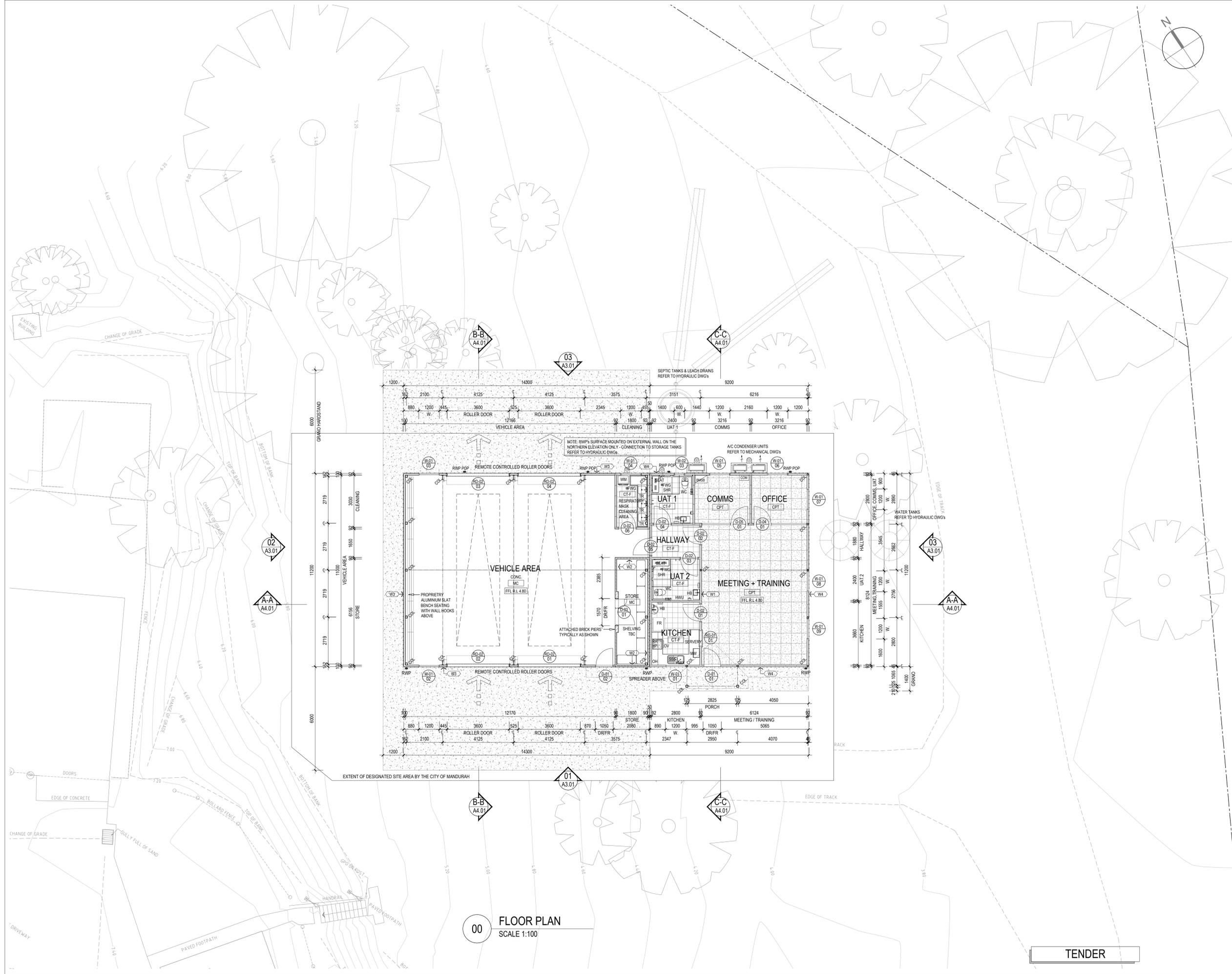
	W1 FLUSH JOINTED PLASTERBOARD WITH PAINT FINISH
	W2 MASONRY WALLS
	W3 COLORBOND WALL CLADDING ON GIRTS WITH INSULATION AS SPECIFIED.
	W4 EXTERNAL STUD FRAMED COLORBOND WALL CLADDING

ABBREVIATIONS

A/C	- AIR CON CONDENSING UNIT
COL	- STRUCTURAL COLUMN. REFER STRUCT. ENG'S DWG'S
FW	- FLOOR WASTE. REFER TO HYDRAULIC DWG'S
M/B	- METER BOX. REFER TO ELECT. DWG'S
HWU	- HOT WATER UNIT. REFER TO HYDRAULIC DWG'S
RWP	- RAINWATER PIPES. REFER TO HYDRAULIC DWG'S
TBC	- TO BE CONFIRMED ON SITE WITH ARCHITECT.
CJ	- WALL CLADDING CONTROL JOINTS AS SPECIFIED

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRIC MILLIMETERS.
2. WRITTEN DIMENSIONS SHALL TAKE PREFERENCE OVER SCALED DIMENSIONING.
3. LARGE SCALE DRAWINGS SHALL TAKE PREFERENCE OVER SMALLER SCALE DRAWINGS.
4. THE CONTRACTOR SHALL CARRY OUT THE WORK IN ACCORDANCE WITH THE B.C.A.'S & LOCAL AUTHORITY REQUIREMENTS.
5. ALL MATERIAL SHALL BE OF NEW, GOOD QUALITY & CONFORM TO WHAT IS SHOWN ON THE DRAWINGS.
6. THE CONTRACTOR SHALL CHECK & VERIFY ALL DIMENSIONS ON SITE PRIOR TO THE COMMENCEMENT OF ANY BUILDING WORK.
7. SITE VISIT - THE CONTRACTOR SHALL BE REQUIRED TO VISIT & ACQUAINT HIMSELF WITH ALL VISIBLE SITE CONDITIONS & ACCESS TO THE SITE.
8. FIXED FURNITURE LAYOUT REFER TO FIXED FURNITURE DRAWINGS.
9. PAVING LAYOUT REFER TO LANDSCAPE DRAWING.
10. INTERNAL DOOR OPENINGS POSITIONED 100mm FROM INTERSECTING WALLS (CORNERS) UNLESS OTHERWISE DIMENSIONED.



00 FLOOR PLAN
SCALE 1:100

TENDER

T	22/02/19	TENDER ISSUE
No.	DATE	REVISION

b.d.g.
Architects
Bolig Design Group
Level 1, 1260 Hay Street, West Perth 6005
PO Box 1224, West Perth 6872
E. bdg@bolig.com.au W. bolig.com.au

**SOUTHERN DISTRICTS
BUSH FIRE BRIGADE
CITY OF MANDURAH
FLOOR PLAN**

PROJECT No.	1863	DWG No.	REV
DRAWN	PR	DATE	14.11.2018
SCALE	1:200 @ A1	CHECKED	FILE No.

BUILDER MUST CHECK ALL DIMENSIONS ON THE SITE BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWINGS WHICH MUST BE SUBMITTED AND APPROVED BEFORE MANUFACTURE. THIS DRAWING IS THE PROPERTY OF THE ARCHITECTS AND SUBJECT TO RETURN ON REQUEST.

This training led to an increased understanding of the factors contributing to fuel loads, how to undertake fuel load assessments, and why a variety of mitigation measures may be required to reduce the risk. Following the training, staff regularly carry out fuel load assessments, informing actions required within Reserve Management Plans.

Whilst the City has made significant progress in bushfire mitigation since 2015, officers have become aware that funding opportunities were limited without an Office of Bushfire Risk Management endorsed BRMP and a *Treatment Schedule* linked to the DFES BRM system.

In April 2019, Emergency Management and Environment Services officers underwent BRMS training and applied for Round 1 Mitigation Activity Funding. Officers have now:

1. Developed the Bushfire Risk Management Plan within DFES guidelines
2. Reassessed (previously identified assets) and identified new assets within the BRMS
3. Undertaken site visits, fuel load assessments, risk assessments for new and existing assets
4. Identified suitable treatment options and developed a treatment schedule with estimated costings

Comment

A number of incident reviews have highlighted the need for an increase in available funding in prevention and mitigation in order to reduce the risk of bushfire and ongoing cost of recovery. These include *The Report in the Special Inquiry in the January 2016 Waroona Fire, which included Recommendation 4;*

'The Department of Parks and Wildlife and Fire and Emergency Services to develop options for the expansion of the 'Bushfire Mitigation Grant Scheme, utilising both State and Commonwealth funding to enable the implementation of hazard reduction works identified through the Bushfire Risk Management Planning Process.'

Bushfire Risk Management Plan 2019-23

The BRMP is a strategic document that outlines the approach to the identification, assessment and treatment of assets exposed to bushfire risk within the City of Mandurah.

The objective of BRMP is to effectively manage bushfire related risk within the City in order to protect people, assets and spaces of local value. Naturally the protection of life and property (human settlement) is the top priority within the plan, and therefore has the greatest number of assets listed. Future work undertaken by Environmental Services and Emergency Management will focus on identifying our valued environmental, cultural and economic assets.

The BRMS will be used to monitor the risk rating for each asset.

A comprehensive review of the BRMP will be undertaken every 5 years, with regular monitoring and review processes being in place to ensure that the Plan remains current and valid.

The BRMS is accessible via the DFES portal and is a valuable GIS based risk assessment tool for local government use. It provides a platform to capture valued assets, utilise pre-populated risk assessment criteria, identify suitable treatments and schedule bushfire mitigation works.

The system focuses on identifying the assets at risk (e.g. a group of homes) rather than the land posing the risk.

The BRMS provides DFES and the Rural Fire Division with State-wide oversight of bushfire risk, the ability to review treatments, and track mitigation works. Maintaining the dataset, updating completed treatments and reassessing the residual risk is an onerous task, but essential to accessing current and future mitigation funding.

Treatment Schedule 2019/2020

The proposed treatment schedule for 2019/20 is outlined in attachment 1. The carrying out of this work is possible as a result of the Mitigation Activity Funding of \$292,850 from the State Government.

The treatment schedule references the BRMP and seeks to reduce the extreme level risks which have been identified, to lower level risks following the proposed treatment. The proposed treatments, are principally fuel management via a range of activities including mechanical works and prescribed burns, but also include preparedness measures, such as the threat of fire access travelling at firebreaks. The focus of the schedule is principally on protecting residential properties in the southern part of Mandurah.

MEAG

Remedial works proposed within the City's priority reserves, are also being captured in Reserve Management Plans developed by Environmental Services. MEAG is consulted prior to the drafting of individual Reserve Management Plans which are also presented to MEAG upon completion, for support or feedback. As such, treatment objectives relevant to a number of priority reserves have been discussed at MEAG.

Consultation

Rural Fire Division

Officers have had ongoing consultation with staff of the Rural Fire Division during the development of the Draft BRMP and use of the BRMS. The Division has a range of personnel providing support to local governments, undertaking quality assurance assessment, critiquing both the detail of the BRMP, content and costings captured within the BRMS.

Office of Bushfire Risk Management

The BRMP was submitted to OBRM with the City receiving formal endorsement on the 22 July.

Bush Fire Advisory Committee

The Draft BRMP, Mitigation Activity Funding and the IGNITE project were all discussed at the BFAC meeting on 17 June 2019. Members demonstrated support for the progress in bushfire management planning and funding submissions totalling \$322,850.

The final plan and treatment schedule was circulated for comment 23 July 2019.

Local Emergency Management Committee

The final plan and treatment schedule was shared with LEMC on 23 July 2019.

The *Communication Strategy (Appendix 1 of BRMP)* documents the communication objectives, roles and responsibilities for communication, key stakeholders, target audiences and key messages at each project stage, communication risks and strategies for their management, and communication monitoring and evaluation procedures. The extent of community engagement will vary depending on the works proposed and may link in with the *Embrace a Space* program.

Statutory Environment

Like all land owners and managers, the City has obligations to manage risk associated with their property. The most effective way of minimising this risk is by reducing fuel on properties in a way that minimises the risk to life, property and the environment.

Some large scale slashing and works in environmentally sensitive areas may require the approval of the Department of Environment and Regulation in accordance with the Environmental Protection Act 1986.

Policy Implications

Nil

Economic Implications

The provision of 2019/20 Round 1 Mitigation Activity Funding will allow officers to undertake a range of works that were previously unbudgeted.

50 per cent of the funding will be paid following Council endorsement of the BRMP and treatment schedule.

All costs will be documented and acquitted in line with the MAF Agreement, however the Rural Fire Division will not fund more than \$292,850 in 2019/20.

The proposed *Treatment Schedule* refers to City of Mandurah or Crown Land vested in the City. The City will be aiming to undertake much of the work in-house, utilising internal resources and plant where possible gaining maximum cost benefit (*refer Attachment 1*).

Risk Analysis

The City has an obligation to minimize risk to the community and environment.

All works within the *Treatment Schedule* seek to reduce the risk rating from Extreme, Very High or High. Those with the highest risk rating and largest cost allocation will be schedule for remedial works first.

There is the potential that some residents will not support proposed works, community engagement will assist in identifying and elevating concerns, and in some cases may result in revised treatment option.

Strategic Implications

The following strategies from the *City of Mandurah Strategic Community Plan 2017 – 2037* are relevant to this report:

Environment:

- Protect and ensure the health of our natural environment and waterways.
- Factor climate change predictions into land-use planning, building design and future council decisions.

Social:

- Help build our community's confidence in Mandurah as a safe and secure city.

Economic:

- Develop a strong and sustainable tourism industry.

Identity:

- Encourage active community participation and engagement.

Organisational Excellence:

- Ensure the City has the capacity and capability to deliver appropriate services and facilities.

Conclusion

The warming and drying effects of climate change, foreseen reduction in future rainfall and increase in extreme weather events, is likely to result in a longer bushfire season and fires that are more difficult to suppress.

The City has gone to great efforts over the past ten years to ensure that private property owners comply with bushfire prevention and control requirements, providing significant resourcing in this area.

Further focus on bushfire mitigation through the BRMP and implementation of treatments will go a long way to improving fire control on City owned land, and reducing the risk to surrounding communities.

The AWARE funding provides a temporary solution in bushfire mitigation resourcing, however an ongoing commitment is required to maintain momentum established in 2019.

NOTE:

- Refer **Attachment 1 MAF Treatments Approved**

A copy of the BRMP is available in the Councillors Lounge with an individual copy for Elected Members being available on request.

Subject to Committee's consent, officers will make a presentation on this item at the meeting.

RECOMMENDATION

That Council:

- 1. Endorse the City of Mandurah Bushfire Risk Management Plan 2019- 2023**
- 2. Support the proposed 2019/20 Treatment Schedule**



Treatment ID	Treatment Type	Treatment Objective	Primary Asset Name	Funding Allocation
3520	Prescribed Burning	Reduce near surface fuel by grass tree burn, in cells 1, 2 and parts of cell 3, prioritising the western side closest to residences.	Warrangup Springs	\$ 3,000.00
3521	Access - Install Gates	Installation of 2x gates (minimum 4m wide) and a third chain, to allow emergency vehicle access only.	Linville Street Falcon	\$ 5,000.00
3522	Mechanical Works	Reduce fine fuel by manual removal of dead/pruning material, stag branches and raking out patches of deep layered leaf litter, throughout NE, E and S portions Cost indicative, based on previous works.	Linville Street Falcon	\$ 3,000.00
3523	Firebreak(s)	Comply with firebreak specifications by widening the entrance track (from the north) to 4m wide by 4.2m clearance; and remove lowest hanging branch of the Banksia located next to the existing firebreak (east direction from the back of the childcare centre) to ensure a 4.2m clearance.	Linville Street Falcon	\$ 2,000.00
3525	Prescribed Burning	Reduce fuel loads by undertaking a grass tree burn; and mosaic burning select patches if required. Cost indicative, based on previous works.	Linville Street Falcon	\$ 3,000.00
3527	Prescribed Burning	Reduce ground fuels to <5t/ha over <80% of the northern portion of the reserve, extending 30m from the northern boundary	Warrangup North	\$ 3,000.00
3555	Mechanical Works	Slash/mulched 10m buffer inside fence line, reducing ladder and ground fuels.(Amended via email 4/6/2019 - 19/078441)	Commercial buildings Reserve Dr Mandurah	\$ 10,000.00
3617	Fire Access Road / Track(s)	Install limestone fire access track to improve accessibility	Enchantress Lane Bushland Dawesville	\$ 5,000.00

Treatment ID	Treatment Type	Treatment Objective	Primary Asset Name	Funding Allocation
3689	Chemical Works	Reduce likelihood of ignition by reducing fine fuels within the recreation node of the reserve; particularly within and round camping areas and popular. Fuel management includes spraying veldt grass and other weeds prolific through the site; and mechanical reduction such as pruning vegetation overhanging popular campfire locations.	Southern Estuary Road / Island Pt residences	\$ 3,000.00
3696	Mechanical Works	Reduce likelihood of ignition by reducing fine fuels within the recreation node of the reserve; particularly within and round camping areas and popular. Fuel management includes pruning vegetation overhanging popular campfire locations and removing any dead vegetation. Chemical management will also be implemented to reduce fuels by controlling veldt grass and other weeds throughout the site.	Southern Estuary Road / Island Pt residences	\$ 1,000.00
3719	Fire Access Road / Track(s)	Install chain gate to east and western ends of access track	Longboard Cove	\$ 1,000.00
3720	Mechanical Works	Install additional 5 -10m slashed/ mulched buffer to increase separation.	Longboard Cove	\$ 5,000.00
3721	Mechanical Works	Install 2m slashed/mulched buffer either side of limestone path to increase separation and reduce regrowth. Trim overhanging trees to 4.2m high at eastern access/egress	Longboard Cove	\$ 5,000.00
3722	Firebreak(s)	Install 4m wide firebreak along eastern boundary of the reserve to allow emergency vehicle access. Note: thick vegetation to be cleared, over heavy sands.	Caddadup West	\$ 30,000.00
3723	Firebreak(s)	Reinstate 4m x 4.2m fire break to eastern boundary	Tims Thicket South East Residents	\$ 15,000.00
3724	Mechanical Works	Install 30m slashed/mulched buffer inside northern boundary, reducing fuel load and increasing separation distance	Tims Thicket South East Residents	\$ 20,000.00

Treatment ID	Treatment Type	Treatment Objective	Primary Asset Name	Funding Allocation
3725	Fire Access Road / Track(s)	Install 4m wide limestone base to eastern fire break to stabilise and minimise ongoing maintenance and impact from ORVs	Tims Thicket South East Residents	\$ 40,000.00
3726	Prescribed Burning	Mosaic Burn - Cell 2 Reduce ground fuel loads 8- 10t/Ha	Tims Thicket South East Residents	\$ 3,000.00
3727	Prescribed Burning	Burn 1 Grass tree burn to reduce fuel load and flame height for future burning Burn 2 Running burn to reduce ground to 8-12 t/Ha	Moorberg Enchantress residences Dawesville	\$ 4,000.00
3728	Mechanical Works	Increase separation distance between vegetation and the boundary fencing of the Water Treatment facilities by mulching 10m vegetation to a depth of 10mm. This will result in more than 30m clearance between vegetation and infrastructure and create additional access. Mulching vegetation up to 10m from the fence line along the northern side onl due to slope and access. Note: Existing vegetation is quite thick.	Caddadup Water Treatment	\$ 6,000.00
3745	Mechanical Works	Increase separation distance. Reduce ground fuel loads within the reserve and verge to 8-10t/Ha. Slash/mulch, trim dead/dying ladder fuels to 2m from ground.	Agonis Way Linville St residences Wannanup	\$ 5,000.00
3750	Fire Access Road / Track(s)	Stabilize existing 4m firebreak to support heavy duty fire appliances	Gordon Rd residences Parklands	\$ 10,000.00
3755	Asset Fire Protection / Defence System	Re-establish Asset Protection Zone by creating a separation of 10m between the community center and surrounding vegetation via manual reduction and chemical treatment as required.	Coodanup Community Centre 26 Broun Rd Coodanup	\$ 5,000.00

Treatment ID	Treatment Type	Treatment Objective	Primary Asset Name	Funding Allocation
3756	Mechanical Works	Reduce ignition risk and fuel loads. Slashing, removed dead wood, reduce ladder fuels to 2m within 10m of verge	Bouvard Estuary Edge lots	\$ 6,000.00
3757	Prescribed Burning	Reduce fuel loads adjacent the community center by undertaking a mosaic burn in 1ha area south of the centre, delineated by the firebreak.	Coodanup Community Centre 26 Broun Rd Coodanup	\$ 3,000.00
3758	Mechanical Works	Reduce ignition risk and fuel loads. Slashing, removed dead wood, reduce ladder fuels to 2m within 10m of verge	Bouvard Estuary Edge lots	\$ 6,000.00
3759	Fire Access Road / Track(s)	Weed spraying weeds either side of the firebreaks and access tracks to create clearance either side of the firebreaks. Additional weeds in the southern portion of the reserve. Note: Strictly ensure chemical treatment is applied to the shoulders of the firebreaks only, not the surrounding bushland (high sensitivity including orchids). Cost is indicative based on previous works.	Coodanup Community Centre 26 Broun Rd Coodanup	\$ 1,500.00
3760	Mechanical Works	Slashing, mulching and pruning dead dying vegetation on verges of Mount John Road	Mount John Rd lots	\$ 12,000.00
3761	Prescribed Burning	Undertake grass tree burn in Cell 1, reduce skirt and ground fuel (up to 5m), autumn/spring burn.	Austin Rise Bryde Ct Residences Dawesville	\$ 3,000.00
3762	Fire Access Road / Track(s)	Install gate at Cervantes Drive and improve access from Cul De Sac	Carnarvon Way Reserve Erskine	\$ 1,000.00
3763	Mechanical Works	Manual reduction of ground fuel loads in the western portion of the public open space. Cost is indicative based on previous works.	Gumnut Reserve Dawesville	\$ 3,750.00
3764	Prescribed Burning	Reduce ground fuel to no more than 5t/ha by low intensity controlled burn as per reserve management plan.	Gumnut north residences	\$ 3,000.00

Treatment ID	Treatment Type	Treatment Objective	Primary Asset Name	Funding Allocation
3765	Fire Access Road / Track(s)	Reinstate 4m x 4.2m fire access track.	Carnarvon Way Reserve Erskine	\$ 6,000.00
3766	Prescribed Burning	Reduce fine fuel loads by grass tree burn in conjunction with Treatment #3764	Gumnut north residences	\$ 3,000.00
3778	Mechanical Works	Increase separation distance and building protection, prune trees overhanging residential fences.	Enchantress Lane Bushland Dawesville	\$ 3,000.00
3779	Prescribed Burning	Reduce ground fuels to 8 t/Ha Burn 2 - Running burn	Enchantress Lane Bushland Dawesville	\$ 3,600.00
3781	Mechanical Works	Increase separating distance and fuel load, 10m to north and south boundaries. Trim ladder fuels to 2m, prune overhanging branches, slash and mulch.	Rainbow Way Yalgor Heights Dawesville	\$ 10,000.00
3784	Fire Access Road / Track(s)	Create limestone firebreaks to enable emergency vehicle access and create some separation between residents and vegetation.	Roden Hill Reserve	\$ 10,000.00
3785	Mechanical Works	Increase separation distance, install 10m slashed buffer behind residence	Hazelmere residences Dawesville	\$ 1,000.00
3787	Mechanical Works	Slashing / mulching, trim ladder fuels along verge area either side of Southern Estuary Road	Bouvard Herron Estuary edge lots	\$ 10,000.00
3788	Fire Access Road / Track(s)	Increase separation distance and improve access between reserve and rear of residence (Pioneer & Colonial Court) Trim ladder fuels and install limestone access track to stabilize northern end. May require cross over to be installed onto Estuary Rd	Bouvard Herron Estuary edge lots	\$ 20,000.00
			Total Allocation	\$ 292,850.00