Works and Urban Development Committee

Notice of Meeting
31 January 2017
5.30pm
Committee Room 1
Ninth Floor
Council House
27 St Georges Terrace, Perth



Agenda ORDER OF BUSINESS AND INDEX

1	Declaration of Opening
2	Apologies and Members on Leave of Absence
	2.1 Deputy Lord Mayor Cr Limnios (Leave of absence)
3	Confirmation of minutes – 29 November 2016
4	Correspondence
5	Disclosure of Members' interests
6	Reports
	6.1 - Blackspot Project - Aberdeen Street / Pier Street Intersection Upgrade
	6.2 – Transfer of Care, Control and Management of Proposed Jetty – Riverside, Waterbank
	6.3 – Tender 049-16/17 – Hydrogeological Investigation And Feasibility Study – Alternative Water Source For Irrigation Purposes
	6.4 - Unbudgeted Expenditure – Southern Cross Fountain Pump Replacement
7	Motions of which Previous Notice has been given
8	General Business
	8.1 - Responses to General Business from a Previous Meeting
	8.2 - New General Business
9	Items for consideration at a future meeting
	Outstanding Reports:
10	Closure

MARTIN MILEHAM
CHIEF EXECUTIVE OFFICER

25 JANUARY 2017

This meeting is not open to members of the public

Please convey apologies to Governance on 9461 3250 or email governance@cityofperth.wa.gov.au

WORKS AND URBAN DEVELOPMENT COMMITTEE

Established: 17 May 2005 (Members appointed 22 October 2015)

Members:	1st Deputy:	2nd Deputy:
Cr Limnios (Presiding Member)		
The Lord Mayor	Cr Harley	Cr Chen
Cr McEvoy		

Quorum: Two

Expiry: October 2017

TERMS OF REFERENCE: [Adopted OCM 24/11/15]

To oversee and make recommendations to the Council on matters related to:

- 1. works required to construct, upgrade and maintain streets, footpaths, thoroughfares and other public places, including streetscape upgrades, landscaping initiatives and directional signage and graffiti;
- 2. design, construction and upgrading of parks, reserves, recreational and civic amenities and facilities and Council owned buildings, excluding Council House, the Perth Town Hall, City of Perth Public Lending Library and the Perth Concert Hall;
- 3. oversight of the implementation of the Lighting Strategy;
- 4. waste management.

Report to the Works and Urban Development Committee

Agenda Item Blackspot Project - Aberdeen Street / Pier Street Intersection 6.1 Upgrade

Recommendation:

That Council approves:

- 1. the removal of the Aberdeen Street and Pier Street roundabout to install a new 4-way intersection in order to improve safety;
- 2. \$300,000 to be spent from the Blackspot budget under Capital Works project number CW 2081;
- 3. investigation of options to relocate a Tipuana tree, currently situated on the roundabout, as part of the detailed design process.

FILE REFERENCE: P1022728
REPORTING UNIT: Transport Unit

RESPONSIBLE DIRECTORATE: Planning and Development

DATE: 20 January 2017

ATTACHMENT/S: Attachment 6.1A - Aberdeen Street / Pier Street intersection

proposal

Attachment 6.1B - Existing Aberdeen Street / Pier Street

roundabout

Legislation / Strategic Plan / Policy:

Integrated Planning and Reporting Framework Implications

Corporate Business Plan / Strategic Community Plan Council Four Year Priorities: Getting around Perth

S4 Enhanced accessibility in and around the City including

parking

IP7 Advocate and work in partnership with others to provide IP8 safe and convenient ways to get around Perth, including

cycling, light rail and CAT buses.

Financial Implications:

ACCOUNT NO: CW 2081

BUDGET ITEM: Blackspot – Future Projects – Various

BUDGETED AMOUNT: \$300,000
AMOUNT SPENT TO DATE: \$ 0
PROPOSED COST: \$300,000
BALANCE REMAINING: \$ 0

The cost to remove the roundabout and install a new 4-way intersection is estimated at \$300,000 and will be funded from CW2081 this Financial Year.

All figures quoted in this report are exclusive of GST.

Purpose and Background:

The intersection of Pier Street / Aberdeen Street is located in the Northbridge area of Perth, within close proximity to commercial premises and residential apartments.

This report outlines a proposal to remove the roundabout at the Aberdeen Street and Pier Street intersection and install a 4-way intersection to improve safety for people walking, riding and driving. The project has been identified as a black spot location and would be funded through the Blackspot Capital Works Budget 2016/17.

Aberdeen Street is identified as a City Cycle Route in the City of Perth Cycle Plan 2029. It provides a key east-west cycle connection through Northbridge, linking to the Principal Shared Path network at the western (Fitzgerald St) and eastern (Lord St) ends. Aberdeen Street currently has sealed shoulders along most of its length providing a dedicated area for people on bikes.

This project will improve the link across Pier Street on Aberdeen Street and improve safety for all modes of transport. The project aligns with improvements identified in the City of Perth Cycle Plan 2029 and associated Implementation Program 2016-2021, and will be delivered in conjunction with a broader Cycle Plan project between Beaufort Street and Pier Street (CW2136).

Details:

Aberdeen Street and Pier Street are classified as 'Access Roads' (under the Metropolitan Road Hierarchy) with one lane approaches and departures to and from the roundabout. There are pedestrian refuge islands on all approaches to the roundabout.

Aberdeen Street at this location carries approximately 2,000 vehicles per day with a posted speed limit of 50 km/hr. The 85th percentile speed is currently 42 km/hr. Pier Street at this location carries approximately 3,000 vehicles per day, with a posted speed limit of 50 km/hr. The 85th percentile speed is currently 48 km/hr. People on bikes make up approximately 10% of all vehicle movements through the intersection of Pier Street and Aberdeen Street. During the AM and PM peak hour approximately 20% of all movements on Aberdeen Street are people riding.

A review of the crash data between 1 January 2011 to 31 December 2015 shows that there have been 9 accidents at this intersection; 6 of these accidents involved a cyclist. 45% were serious injury crashes and 45% had major property damage. Right angle crashes are significantly over represented at this location in comparison to the rest of the network, indicating that motorists traveling north and south on Pier Street are failing to give way to other vehicles (including cyclists) travelling east and west on Aberdeen Street, respectively. The current roundabout design facilitates high speed vehicle movements through the intersection in all directions which is undesirable on a key cycling alignment.

The objective of this project is to improve safety at this intersection.

The proposed treatments to achieve this objective are as follows (refer to Attachment 6.1A):

- Remove the existing roundabout and replace it with a 4-way intersection with priority to Aberdeen Street traffic. This will also reduce the number of motorists rat running through Pier Street to avoid the two sets of traffic signals on Stirling Street between James Street and Newcastle Street;
- Build out all corners to reduce the pedestrian crossing distances, improving pedestrian alignments and pedestrian refuge islands;
- Introduce traffic calming on all approaches to the intersection to further reduce traffic speeds;
- Extend the cycle lane on both sides of Aberdeen Street through the new intersection to provide people on bikes with dedicated space; and
- Improve line marking and signage.

In order to achieve the objective of this proposal which is to improve safety, it is necessary to relocate a Tipuana tree located in the centre of the roundabout. This type of tree is not a heritage listed tree. As part of the detailed design process, opportunities to relocate the tree will be investigated.

Other treatments including introducing a cycle lane through the roundabout and providing a cycle lane bypass were investigated. These options could not be achieved without reducing footpaths below Australian Standards which would potentially create other safety concerns. These options would also not reduce the likelihood of crashes between motor vehicles within the intersection.

Comments:

This project will deliver a range of benefits for the community in improving public safety. Should this project be supported, consultation would be undertaken with local residents and businesses with construction starting in May 2017.

DATE

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Attachment 6.1B

Proposed removal of exiting roundabout at Aberdeen Street / Pier Street



Report to the Works and Urban Development Committee

Agenda Transfer of Care, Control and Management of Proposed Jetty – Riverside, Waterbank

Recommendation:

That Council:

- 1. approves the acceptance of the future transfer of care, control and management of the jetty as shown for Stage One based on the Jetty not facilitating a Public Ferry Terminal, constructed from the materials that the City of Perth and MRA agree to in the final detailed design package;
- 2. approves the deletion of Stage Two Pontoon Structure/Gangway and proposed Ferry Terminal from the Stage 1 Jetty works; and
- 3. advises the Metropolitan Redevelopment Authority that all negotiations pertaining to Stage 2 of the Jetty works (Proposed Public Ferry Terminal) is to be with the City of Perth (Asset owner Stage 1 Jetty and public realm).

FILE REFERENCE: P1029758

REPORTING UNIT: Co-ordination & Design RESPONSIBLE DIRECTORATE: Planning and Development

DATE: 16 January 2017

ATTACHMENT/S: Attachment 6.2A – Plan detailing proposed Boardwalk &

associated public realm;

Attachment 6.2B – Boardwalk & Jetty Staging Plan;

Attachment 6.2C - Plan detailing Boardwalk Arrangement;

Attachment 6.2D - Boardwalk Sections;

Attachment 6.2E – Pontoon & Gangway Plans & Elevations.

<u>Legislation / Strategic Plan / Policy:</u>

Legislation N/A

Integrated Planning and Reporting Framework Implications

Corporate Business Plan / Strategic Community Plan Council Four Year Priorities: Major Strategic Investments

S1 Ensure that major developments effectively integrate

into the City with minimal disruption and risk.

Policy

Policy No and Name: 9.12 – Asset Management Policy

Financial Implications:

Nil.

Purpose and Background:

The Metropolitan Redevelopment Authority (MRA) have formally requested City of Perth's consideration for the proposed jetty.

This report seeks formal approval for the acceptance of ownership by the City of Perth for the jetty that connects to the timber boardwalk at the Riverside (Waterbank) Project.

Details:

The proposed jetty is located outside of the MRA's Riverside (Waterbank) Project Area and so approval from the Department of Planning is required. Lend Lease (developer), on behalf of the MRA, have lodged a development application to the Department of Planning for the jetty which comprises the following stages:

- 1. A fully-funded timber jetty connected to the timber boardwalk; and
- 2. A future pontoon ferry terminal and short term boat pens.

The State Departments of Planning, Parks and Wildlife, and Transport have advised the City that Stage One is generally supported subject to the management of the jetty being resolved. The City understands that Stage Two has been removed/placed on "hold" until funding and the need for a ferry terminal is determined.

The Department of Planning has advised the City that ownership of a jetty is usually vested back to the adjoining landowner to which the public land in question shall be vested back to, ie the City.

Current Jetty Infrastructure and Leasing Agreements:

With regard to precedent, the City of Perth currently manages the following jetty infrastructure that provides facilities for the docking of small boats:

Loca	ation	Description	Yr built	Yr vested	Leased (y/n)		Maintenand	ce
Claise- brook Cove	Royal St	One finger jetty and boardwalk One finger jetty and boardwalk	1996	2010	N	\$968 p/a for Timber Pest Inspections and Repair (covers all jetties and board- walks managed by the City	~\$100 p/a for General Inspection s and Repair (covers all jetties and board- walks managed by the City)	Major maintenance works to date — Construct new sheet pile walls & restoration of finger jetties for approximately \$128,000 Information not available
	Brown Street	Nine finger jetties and boardwalk	1996	2010	N			Information not available

Loca	ation	Description	Yr built	Yr vested	Leased (y/n)	Λ	Лaintenanc	e
	Jewell	One T-	1996	2010	N			Information
	Lane	shaped jetty only						not available

City of Perth Properties Unit has advised that:

- One (1) finger jetty at Royal Street is leased out to "The Little Ferry Company" on a "Simple Licence Agreement".
- The lease renewal commenced 01/10/16 and ends 30/09/17 (1 year lease).
- The renewal of the lease will be based on positive responses & reaction from the general public of Little Ferry Co conducting business at this jetty. The following conditions are currently in place:
 - Rent payable to the City is \$663 per annum + GST;
 - Standard Licence Fee of \$250 p/a +GST; and
 - No Security Bond specified in Lease agreement.
- Some conditions included in lease:
 - Must keep the surrounding area and leased premises clean & tidy;
 - Licensee shall cover all expenses due to loss or damage of the leased premises (repairs, damage); and
 - Licensee shall not alter the premises without the City's approval.

Waterbank Jetty Proposal:

Given that the City will ultimately manage the public realm at Waterbank and that the adjacent boardwalk the MRA have indicated that transferring ownership of the jetty to the City will be its recommendation in accordance with Part 4 of the MRA Riverside Project Site Specific Agreement -Waterbank, infrastructure and public domain assets to transfer to the City are all areas defined by Lot 502 and may include "pier/jetties".

The proposed future Stage Two works is to construct the following:

- floating pontoon with a double boat berth (future proposed ferry terminal); and
- single boat berth.

The MRA's expectation is that the floating pontoon (if constructed) is to be transferred to the City of Perth as a public asset. Ferry terminals are managed by the Department of Transport not the City of Perth as these assets support public transport infrastructure. The existing ferry terminal at Barrack Square, for example, is managed by the Department of Transport. The boat pens within Elizabeth Quay have been identified to be transferred to the City at a future date.

The MRA/Lendlease are proposing the following construction materials for the Stage One jetty (as per Preliminary DA Documents):

- Steel pile system;
- Steel Headstocks & joist system;

- Jarrah decking;
- Balustrade (TBA); and
- Jetty size (approx.) 4.5m wide x 40m length (combined L-shape).

The Development Application provides design life for the marine and coastal elements:

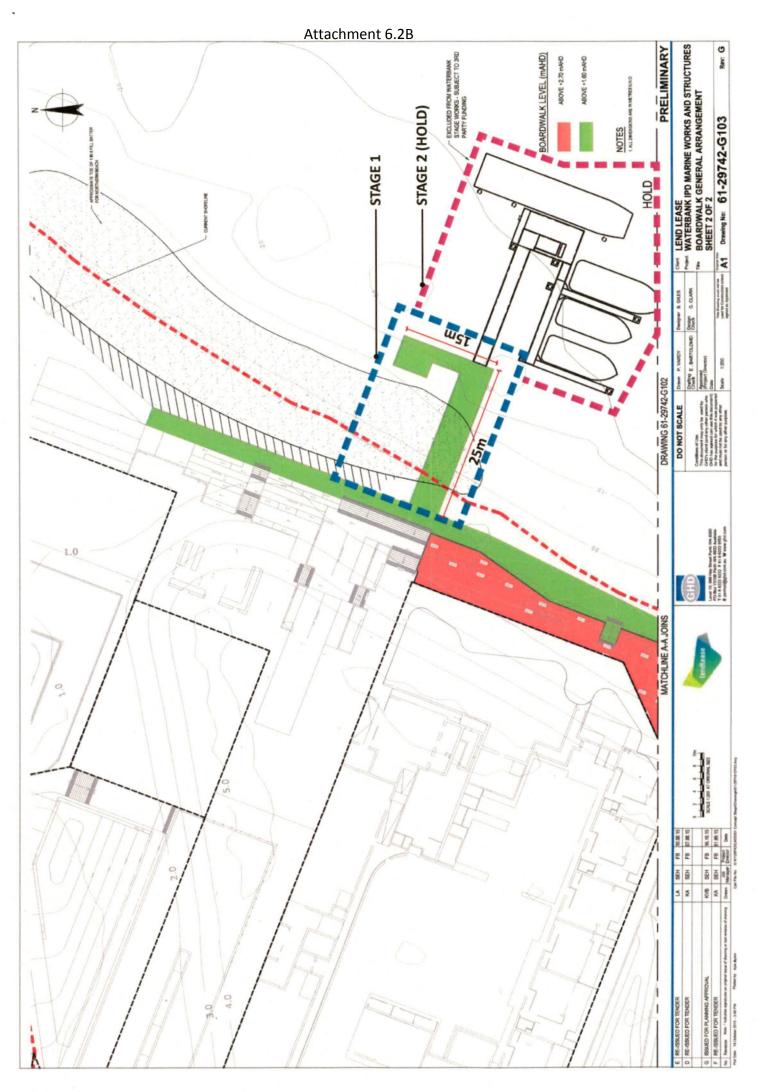
Element		Design Life
Boardwalk Structure	(Stage 1)	50 years
Boardwalk and Pontoon Piles	(Stage 1 & 2)	50 years
Boardwalk (timber elements)	(Stage 1)	25 years
Pontoon Structure	(Stage 2)	25 years
Gangway	(Stage 2)	50 years

Note: Current City design criteria for infrastructure in a marine environment is to be designed for a 50 year life span. This is in keeping with recent design strategies for revetment wall designs along the river embankments.

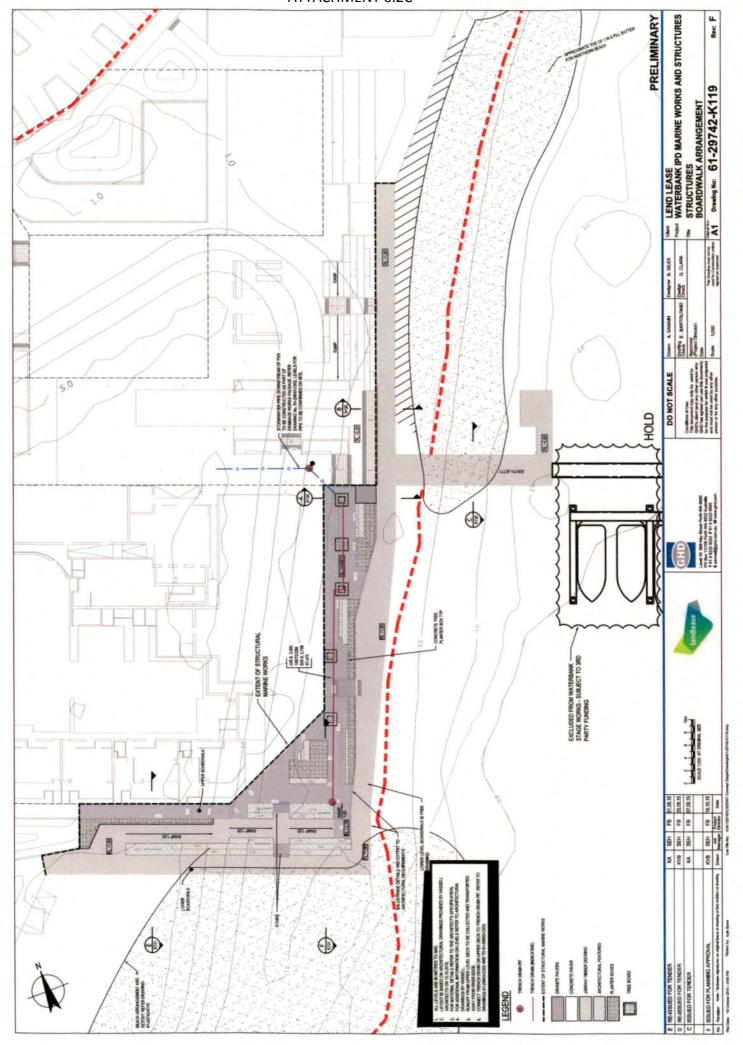
In line with the Asset Agreement for Public Asset Design, Approval, Development and Handover, the jetty currently site within this agreement between the Metropolitan Redevelopment Authority (MRA) and CoP.

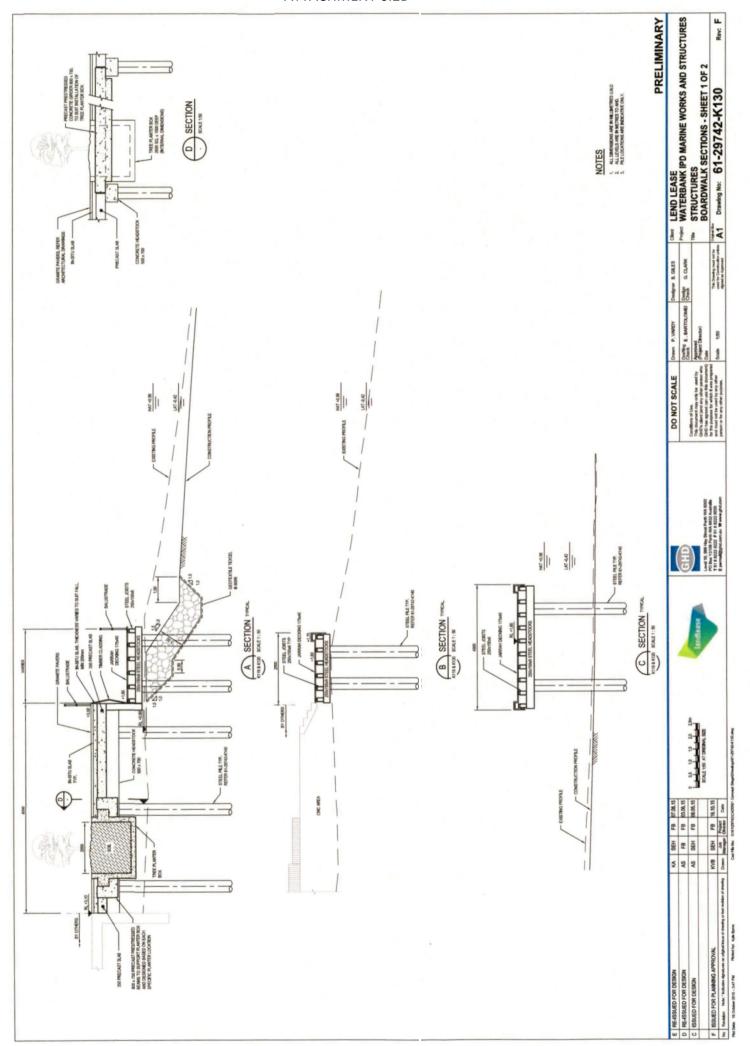
The jetty is to be designed and constructed by the developer (Lend Lease) as part of the Stage One project works and form part of the public realm handover process.

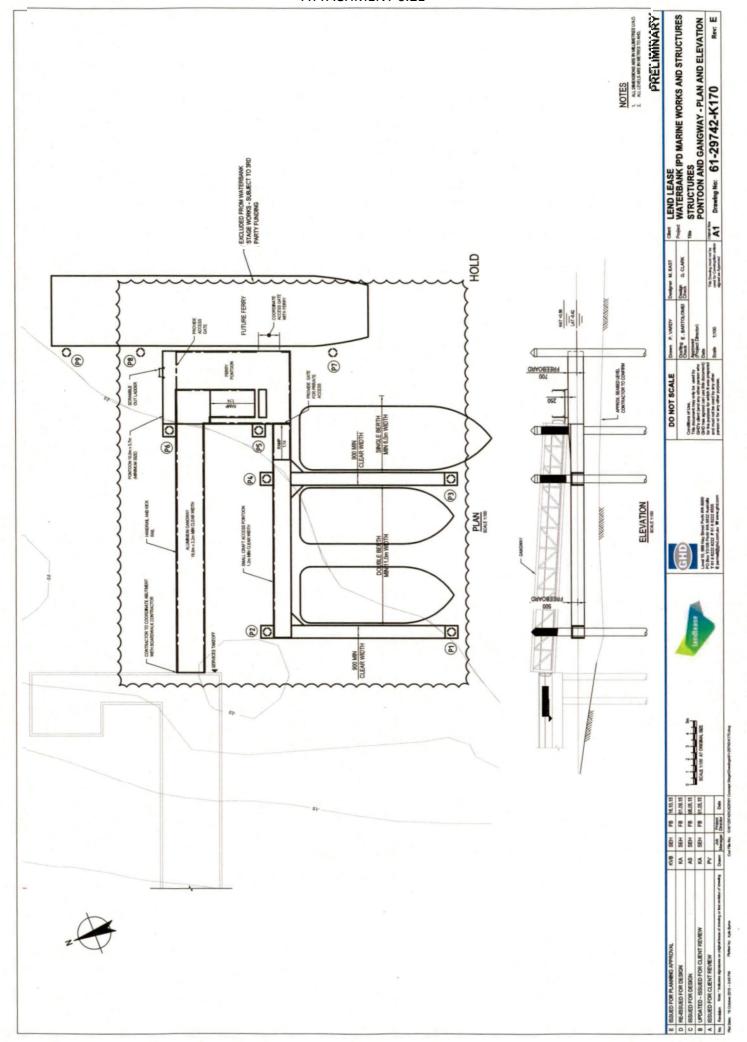
Stage Two as confirmed by the MRA has been placed "On Hold" until a third party funding source and/or negotiations are entered into with the State.



COP Imaged Record - 25/11/2016







Report to the Works and Urban Development Committee

Agenda Tender 049-16/17 - Hydrogeological Investigation And Feasibility Item 6.3 **Study – Alternative Water Source For Irrigation Purposes**

Recommendation:

That Council:

- 1. accepts the most suitable tender, being that submitted by W&G Engineers (WA) Pty Ltd, for the provision of hydrogeological investigation and feasibility study for alternative water source for irrigation purposes (Tender 049-16/17) at a lump sum price of \$164,370 (excluding GST);
- 2. approves budget consolidation of CW2008 (Investigate Alternate Water Supply For Perth Foreshore Irrigation Network) and CW2011 (Stormwater Reuse Improvement - Waterwise Council Co-contribution);
- 3. notes that the allocated budget amounts in CW2008 and CW2011, noted in part 2 above, are insufficient and APPROVES BY AN ABSOLUTE MAJORITY the transfer of additional funds of \$88,829 budget from account number CW2019 (Belvidere Promenade), which identified as having surplus funds;
- 4. notes that the project is anticipated to commence mid-February 2017 and will be completed by 30 June 2017.

FILE REFERENCE: P1033217 REPORTING UNIT: Parks

RESPONSIBLE DIRECTORATE: Construction and Maintenance

DATE: 16 January 2017

ATTACHMENT/S: Attachment 6.3A – Comparative Price Schedule

> Confidential Attachment 6.3B – Tender Assessment Matrix (Distributed to Elected Members under separate cover)

Legislation / Strategic Plan / Policy:

Legislation Section 3.57 of the *Local Government Act 1995*

Part 4 of the Local Government (Functions and General)

Regulations 1996

Integrated Planning and

Strategic Community Plan

Reporting Framework

Council Four Year Priorities: Living in Perth S9

Implications

Promote and facilitate CBD living

Increase awareness of environmentally sustainable ways S11

of living

Policy

Policy No and Name: 9.7 – Purchasing Policy

8.0 - Environment Policy

Financial Implications:

ACCOUNT NO: Various

BUDGET ITEM: Investigate Alternative Water Supply for Perth Foreshore

Irrigation Network; and Stormwater Reuse Improvement –

Waterwise Council Co-Contribution

BUDGETED AMOUNT: \$ 80,000 AMOUNT SPENT TO \$ 4,459

DATE:

PROPOSED COST: \$ 164,370 BALANCE REMAINING: \$ 88,829 BALANCE REQUIRED: \$ 88,829

ANNUAL MAINTENANCE: N/A ESTIMATED WHOLE OF N/A

LIFE COST:

ACCOUNT NO: CW2019

BUDGET ITEM: Belvedere Promenade

BUDGETED AMOUNT: \$ 150,000 AMOUNT SPENT TO DATE: \$ 24,242 AVAILABLE BALANCE: \$ 125,758 FUNDS TRANSFER TO \$ 88,829

CW2008::

BALANCE REMAINING: \$ 36,929

All figures quoted in this report are exclusive of GST.

Purpose and Background:

The City of Perth Parks Unit is responsible for maintenance of 26 parks and reserves covering an area of 118 hectares. Scheme water, bore water and captured stormwater are currently used for irrigation purposes and wetland top-up.

Perth's declining water availability from both surface and groundwater sources are well recognised. With a predicted 40% decline in rainfall by 2060, and the need for an additional 365 gigalitres of reticulated drinking water for Perth and surrounding towns. It is essential that the City optimises its use of water in order to continue to deliver a high level of service in city parks and gardens

Details:

Currently over 50% of the City of Perth's (the City) total irrigation water supply is obtained from the Langley bore. This represents a significant operational risk to Parks should the existing infrastructure fail. In addition, the State Government has signalled an impending reduction to groundwater allocations, which is further incentive for the City to diversify irrigation water sources.

The consultant engaged for this project will provide a cost-benefit analysis of three viable conceptual alternatives for an alternative water source for irrigation purposes, and advise the City which of the proposals is recommended. The final report will inform the Parks unit's Long Term Financial Plan for Capital Works and ensure the unit's ability to meet service level demand in changing climatic conditions.

Summary of Submitted Tenders

As part of the City's Capital Works Program 2016/17, tenders were invited from suitably qualified hydrogeological engineer/s to produce an investigation and feasibility study into alternative water sources for irrigation purposes City-wide.

A total of eight submissions were received at the close of tenders at 2:00pm on Thursday, 10 November 2016.

Tender submissions were received from the following companies:

- Worley Parsons Services Pty Ltd;
- Cardno (WA) Pty Ltd;
- Environmental Engineers International Pty Ltd;
- GHD Pty Ltd;
- The Trustee for Hyd2o Trust T/As Hyd2o;
- Rockwater Pty Ltd;
- Syrinx Environmental Pty Ltd; and
- W&G Engineers (WA) Pty Ltd T/As Wallbridge & Gilbert.

As part of their submissions, tenderers were required to address the selection criteria as set out in the tender specification and provide a Form of Tender based on the lump sum cost as set out at Attachment 6.3A.

Tender Assessment and Evaluation Summary

The submissions received were assessed against the following qualitative criteria:

- 1. Understanding of the project scope;
- Experience with similar work;
- 3. Nominated references;
- 4. Availability of support resources personnel and equipment; and
- 5. Quoted prices value for money.

An evaluation summary against the selection criteria has been provided below:

Worley Parsons Services Pty Ltd

Worley Parsons demonstrated a good understanding of the scope of works however the examples given were focused towards managed aquifer recharge and wastewater treatment (not reuse). The bulk of technical experience was in the field of stormwater and flood management; but did not demonstrate experience in capture and reuse. The lump sum price was not considered value for money as Worley Parsons Services excluded the provision of forecast water requirements; however this was specified in the scope of works.

Cardno (WA) Pty Ltd

Cardno provided a clear methodology and demonstrated understanding of the scope; however it was difficult to assess value for money as Cardno tendered for the conceptual design of six options as opposed to three. Relevant project examples were provided but referred to QLD which has significantly different climatic conditions. The key personnel identified for this project have not demonstrated extensive experience in similar projects. The key staff member assigned to project delivery is an economist and most project hours have been allocated to developing the recommended option, instead of research and investigation of the 3 conceptual options. There has been no allowance for laboratory testing in the tender.

Environmental Engineers International Pty Ltd

Environmental Engineers provided the cheapest option however they also committed significantly less hours to the project than all other submissions. The company demonstrated an understanding of the scope but provided limited information with regards to methodology. The project examples provided were not of the same scale or scope to this project.

GHD Pty Ltd

While GHD provided a submission within the budget they did not provide a comprehensive understanding of the project scope. Key personnel assigned to the project have limited professional experience and relatively fewer hours were allocated to the project. Project examples given were regionally-based and did not demonstrate the ability to work within the constraints of a CBD area. There was no allowance for the inclusion of groundwater modelling in the tendered prices.

The Trustee for Hyd2o Trust T/As Hyd2o

The submission by Hyd2o involves a range of sub-consultants across different fields addressing different aspects of the scope. The listed sub-consultants are considered experienced and qualified; however it was not clear how their approach would be coordinated to achieve a balanced consideration of all potential approaches. The lump sum cost did not represent value for money as it did not include any allowance for laboratory investigations.

Rockwater Pty Ltd

Rockwater acknowledges that the City is looking for a range of options but the submission lacked detail and focused predominately on groundwater and managed aquifer recharge. Limited information is provided on forecasting demand and the references and experience provided are regional in nature.

Syrinx Environmental Pty Ltd

Syrinx demonstrated a good understanding of the project scope and has successfully completed similar projects in the past. The lump sum quotation included 20% less work hours, with a higher average hourly cost than the preferred Tenderer. The submission indicated a heavy reliance on work already completed for the Metropolitan Redevelopment Authority and the lump sum included limited field and laboratory investigations.

W&G Engineers (WA) Pty Ltd T/As Wallbridge & Gilbert

Wallbridge and Gilbert are a reputable company with extensive experience in Water Sensitive Urban Design (WSUD) and delivering integrated water management projects incorporating wastewater reuse, stormwater management and Aquifer Storage and Recovery (ASR). Wallbridge and Gilbert are responsible for the design of much of Adelaide's modern urban stormwater harvesting infrastructure, delivered as part of the Waterproofing strategy for the greater Adelaide region; which is widely acclaimed for the innovative approach to stormwater management.

In their submission, Wallbridge and Gilbert acknowledge the need for consideration of a range of options and demonstrated a comprehensive understanding of the project scope and knowledge of modelling requirements. They provided relevant examples of similar projects; including the work done as part of the Waterproofing Adelaide Project, which is of similar scale and scope to this study.

The company has WA experience including work for Department of Water, WESROC and Managed Aquifer Recharge in coastal WA; demonstrating a good understanding of local conditions and regulatory operating requirements. Wallbridge and Gilbert were assessed by the tender evaluation panel as representing the best value for money; with the highest number of work hours allocated to the project, including key personnel with relevant qualifications, skills and experience. Costs for field and laboratory work have been incorporated into the tender, including aquifer hydraulics pump testing for both artesian and superficial aquifers.

Pre-Tender Estimate

The pre-estimated consultancy cost was \$80,000 with an approved budget of \$80,000 including \$10,000 contribution from the Water Corporation under CW2011 through the Waterwise Council Programme.

A shortfall of \$88,829 has been identified for the project completion. Additional funds are proposed to be sourced from CW2019 Belvedere Promenade.

Combined Qualitative and Priced Based Assessment Ranking

Confidential Attachment 6.3B (distributed to Elected Members under separate cover) details the relative scores of the eight submissions when both the qualitative and price based criteria were taken into consideration.

Comments:

Delays to the project timeline have been incurred because the original invitation to quote received zero submissions, before being advertised as an open tender. The additional funds are sought ahead of the budget review process, to allow the preferred Consultant to deliver the project before 30 June 2017.

Overall, W&G Engineers (WA) Pty Ltd T/As Wallbridge & Gillbert was rated the highest against the qualitative selection criteria and was also considered to offer a competitive lump sum tender price which included substantial project hours, plus relevant field and laboratory testing. The selection panel agreed the tender submission by Wallbridge & Gillbert represented the best value for money for the City of Perth.

Assessment of Tenders, Expressions of Interest and Formal Quotations **Evaluation Panel**

COMPARATIVE PRICE SCHEDULE OF SUBMISSIONS RECEIVEDNote: One panel member should be allocated the task of completing this Schedule. (Not normally be required for an EOI.)

Tender/EOI/Quotation Number: 049-16/17

Schedule of Rates

Submission 1 Submission 2 Submission 3 Syrinx Rockwater Hyd20 int \$150 \$220 \$250 nt \$120 \$160 \$110 s 642 762 737	Correction of the correction								
### Rockwater Hyd20	<u>ଅ</u>	1 upission 1	Submission 2	Submission 3	Submission 4	Submission 5	Submission 6	Submission 7	Submission 8
\$220 \$250 \$160 \$110 762 737		rinx	Rockwater	Hyd20	СНБ	Environmental Engineers	Cardno	Wallbridge & Gilbert	Advisian
\$160 \$110 762 737	or consultant \$1	50	\$220	\$250	\$171	\$160	\$265	\$165	\$160
642 762 737	or consultant \$1	20	\$160	\$110	\$106	\$115	\$110	\$150	\$120
		12	762	737	499	400	089	827	568
\$237 \$195 \$228	age hourly	237	\$195	\$228	\$154	\$174	\$165	\$219	\$170

Lump Sum Cost

	Submission 1	Submission 2	Submission 1 Submission 2 Submission 3 Submission 4 Submission 5 Submission 6 Submission 7 Submission 8	Submission 4	Submission 5	Submission 6	Submission 7	Submission 8
Name:	Syrinx	Rockwater	Hyd20	СНБ	Environmental Engineers	Cardno	Wallbridge & Gilbert	Advisian
Total Lump Sum Cost	\$152,306	\$148,588	\$168,020	\$76,910	\$69,410	\$111,937	\$180,807	\$96,6997
% on-costs	10%	%01	%0	N/A	N/A	10%	10%	10%
Settlement Discount % within days								

Agenda Item 6.4

Unbudgeted Expenditure – Southern Cross Fountain Pump Replacement

Recommendation:

That Council APPROVES BY AN ABSOLUTE MAJORITY:

1. unbudgeted expenditure of \$29,175 excluding GST for the Southern Cross Fountain Pump Replacement;

2. the reallocation of \$29,175 surplus funds from CW2019 (Belvedere Promenade) to the Southern Cross Fountain Pump Replacement.

FILE REFERENCE: P1031688#02#08#04 Ref: 148007/16

REPORTING UNIT: Parks

RESPONSIBLE DIRECTORATE: Construction and Maintenance

DATE: 16 January 2017

ATTACHMENT/S: N/A

Legislation / Strategic Plan / Policy:

Legislation Section 3.57 of the *Local Government Act 1995*

Part 4 of the Local Government (Functions and General) Regulations

1996

Rights in Water and Irrigation Act 1914

Integrated Planning and

Corporate Business Plan / Strategic Community Plan

Reporting Framework

Council Four Year Priorities: Living in Perth

Implications

Increase accessibility to green networks in the City

Enhance and maintain public spaces and streets to high

standards to ensure the City centre is an attractive place for

people

Policy

Policy No and Name: 9.7 – Purchasing Policy

Financial Implications:

CW2019 Belvedere Promenade was completed in December 2016. Table 1 shows the surplus funding from CW2019 while Table 2 provides the financial implications for the proposed Southern Cross Fountain Pump Replacement project.

Table 1

ACCOUNT NO: CW20191017268

BUDGET ITEM: Parks

BUDGETED AMOUNT: \$ 150,000

AMOUNT SPENT TO DATE: \$ 24,242

PROPOSED COST: \$ 24,242

BALANCE REMAINING: \$ 125,758

BALANCE REQUIRED: \$ 0

ANNUAL MAINTENANCE: N/A ESTIMATED WHOLE OF LIFE N/A

COST:

Table 2

ACCOUNT NO: TBA
BUDGET ITEM: Parks

BUDGETED AMOUNT: \$ 0 AMOUNT SPENT TO DATE: \$ 0 PROPOSED COST: \$ 29,175

All figures quoted in this report are exclusive of GST.

Purpose and Background:

There is no recent Council related background to this report.

The pump servicing the Southern Cross Fountain in the Narrows Interchange Lake has recently failed and needs to be replaced. The replacement costs have not been budgeted for. This report seeks authorisation to transfer surplus funds from a completed capital works project to fund the purchase of a new pump.

Details:

The Southern Cross Fountain was installed in the western lake of the Narrows Interchange as part of the State Government's Bi-Centennial Project with funding contributions from a number of stakeholders including the City of Perth.

The fountain provides aesthetic value as well as aeration to improve water quality.

The fountains pump has recently failed after continuous use for a period of nine years since the fountain was refurbished in 2007.

The pump is not repairable. Quotes have been sourced to repair the existing pump and to purchase a new pump. The City's bore and pump maintenance contractor's quote to repair the pump is \$8,500. However the contractor has advised that the repair will be temporary at best. The quote to replace the pump is \$29,175.

Comments:

The fountain contributes to the overall visual amenity of the Narrows Interchange and provides improvement to the water quality.

The current pump that operates the fountain has reached the end of its useful life. To continue to maintain the service levels provided to the community, a full replacement of the pump is required.