



City of Perth

Lord Mayor and Councillors,

NOTICE IS HEREBY GIVEN that the next meeting of the **Works and Urban Development Committee** will be held in Committee Room 1, Ninth Floor, Council House, 27 St Georges Terrace, Perth on **Tuesday, 29 November 2016 at 5.30pm.**

Yours faithfully

**ROBERT MIANICH
ACTING CHIEF EXECUTIVE OFFICER**

24 November 2016

Committee Members:

Members:

Cr Limnios (Presiding Member)
The Lord Mayor
Cr McEvoy

1st Deputy:

Cr Harley

2nd Deputy:

Cr Chen



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

EMERGENCY GUIDE

Council House, 27 St Georges Terrace, Perth



CITY of PERTH

The City of Perth values the health and safety of its employees, tenants, contractors and visitors. The guide is designed for all occupants to be aware of the emergency procedures in place to help make an evacuation of the building safe and easy.

BUILDING ALARMS

Alert Alarm and Evacuation Alarm.

ALERT ALARM

beep beep beep

All Wardens to respond.

Other staff and visitors should remain where they are.

EVACUATION ALARM/PROCEDURES

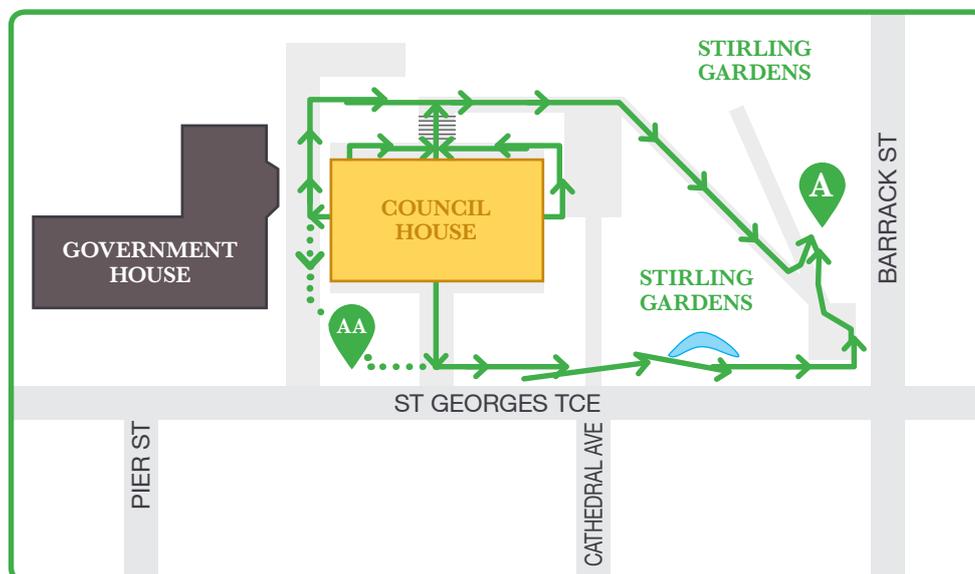
whoop whoop whoop

On hearing the Evacuation Alarm or on being instructed to evacuate:

1. Move to the floor assembly area as directed by your Warden.
2. People with impaired mobility (those who cannot use the stairs unaided) should report to the Floor Warden who will arrange for their safe evacuation.
3. When instructed to evacuate leave by the emergency exits. **Do not use the lifts.**
4. Remain calm. Move quietly and calmly to the assembly area in **Stirling Gardens** as shown on the map below. Visitors must remain in the company of City of Perth staff members at all times.
5. After hours, evacuate by the nearest emergency exit. **Do not use the lifts.**



EVACUATION ASSEMBLY AREA



Assembly Area

Alternate Assembly Area

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 McEvoy	Cr Harley	Cr Chen

Quorum: Two

Expiry: October 2017

TERMS OF REFERENCE: 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.

This meeting is not open to members of the public

**WORKS AND URBAN DEVELOPMENT
COMMITTEE**

29 NOVEMBER 2016

ORDER OF BUSINESS

- 1. Declaration of Opening**
- 2. Apologies and Members on Leave of Absence**
- 3. Confirmation of Minutes – 8 November 2016**
- 4. Correspondence**
- 5. Disclosure of Members' Interests**
- 6. Reports**
- 7. Motions of which Previous Notice has been Given**
- 8. General Business**
 - 8.1. Responses to General Business from a Previous Meeting**

Nil
 - 8.2. New General Business**
- 9. Items for Consideration at a Future Meeting**

Outstanding Reports:
Nil
- 10. Closure**

INDEX OF REPORTS

Item	Description	Page
1	TENDER 056-16/17 – RIVERSIDE DRIVE FOOTPATH UPGRADE	2
2	MOUNT STREET BRIDGE NODE ENHANCEMENT	8
3	TENDER 028-16/17 - PROVISION OF PLUMBING SERVICES	12
4	TENDER 035 - 16/17 PROVISION OF SPECIALISED MAINTENANCE/REINSTATEMENT OF GRANITE/STONE FOOTPATHS, KERBS, CHANNELS, ROAD PAVEMENTS AND ASSOCIATED WORKS FOR THE CITY OF PERTH	18

ITEM NO: 1

TENDER 056-16/17 – RIVERSIDE DRIVE FOOTPATH UPGRADE

RECOMMENDATION: (APPROVAL)

That Council BY ABSOLUTE MAJORITY:

- 1. approves the most suitable tender, being that submitted by MXMLXX Pty Ltd ATF PaveWA Holding Family Trust T/As Pave WA and Access Brickpaving, for the Riverside Drive Footpath Upgrade (Tender no 056-16/17) at a lump sum price of \$215,259.00 (excluding GST);***
- 2. notes that the expenditure in part 1 above will be charged to the account number CW 1962;***
- 3. notes that the allocated budget is insufficient, additional funds of \$102,737 are necessary to undertake the works as per attached plan Schedule 1;***
- 4. notes that additional expenditure for the part 3 can be transferred from account CW 2002 \$1million Parliament Place Road Reconstruction, identified as having surplus funds;***
- 5. notes that the construction is anticipated to commence in early January 2017.***

BACKGROUND:

FILE REFERENCE:	P1033253
REPORTING UNIT:	Construction
RESPONSIBLE DIRECTORATE:	Construction and Maintenance
DATE:	18 November 2016
MAP / SCHEDULE:	Schedule 1 – Riverside Drive Footpath Upgrade Layout Plan Confidential Schedule 2 – Tender Assessment Matrix

With the opening of Elizabeth Quay, it is noted that there is currently no footpath link to support the pedestrian movement from the on-street parking bays and bus bays along Riverside Drive between Barrack Square and Governors Avenue.

The footpath upgrade works are intended to provide a safe and comfortable environment for the bus tour customers visiting Elizabeth Quay thus directly improving economic activity within this City precinct.

LEGISLATION / STRATEGIC PLAN / POLICY:

Legislation Local Government (Functions & General Regulations) 1996
Part 4 – Tenders for Providing Goods and Services.

Integrated Planning and Reporting Framework Implications **Strategic Community Plan**
Council Four Year Priorities: Getting around Perth
S4 Enhance Accessibility Including Parking

Policy
Policy No and Name: 9.7 – Purchasing Policy

DETAILS:

Technical Requirements and Background

The project objective is to provide a new hard standing for the bus bay, a new 143 metre long footpath to the east of Barrack Square and new permanent vehicular access for the WA Rowing Club.

The existing vehicular access was constructed as a temporary construction access for the nearby hotel development site. With the hotel forward works to be completed in December 2016, this access will now be reconstructed to serve as a permanent access for the WA Rowing Club.

Due to a number of constraints imposed by other surrounding construction activities construction of this project is required to commence in January 2017. The hotel development site will be demobilising their 80 tonnes crane off site by mid-December 2016 and there is a planned ATCO Gas works along Riverside Drive and Plain Street between February to May 2017. The works therefore have a limited window of opportunity during January and early February 2017.

Asset Write-Off Implications

The asset disposal value is \$44,474.53.

Communications

A communications plan will be developed, and this will be implemented following Council approval of the works. Consultation with the affected stakeholders is on-going.

The communication of these works to the wider community will commence early December 2016.

Contract Arrangements

The works will be delivered under a lump sum contract arrangement. Only partial road closures will be permitted during construction.

Working hours will be Monday to Sunday, 7.00am and 7.00pm. The construction is anticipated to commence on 9 January 2017 and the preferred contractor is currently indicating 11 February 2017 as the completion date.

Summary of Submitted Tenders

Three lump sum offers were received through the City of Perth's electronic tender website from the following contractors on 20 October 2016:

- Civcon Civil & Project Management Pty Ltd (\$204,565.98 exc. GST);
- Menchetti Consolidated Pty Ltd T/As MG Group WA (\$264,966.74 exc. GST); and
- MXMLXX Pty Ltd ATF PaveWA Holding Family Trust T/As Pave WA and Access Brickpaving (\$215,259.00 exc. GST).

Tender Assessment and Evaluation Summary

The submissions received were assessed against the following six criteria:

- SC1: Management and Personnel;
- SC2: Project Appreciation and Methodology;
- SC3: Relevant Experience;
- SC4: Safety and Risk Management;
- SC5: Quality Control Procedures; and
- SC6: Tendered Price.

A confidential Tender Assessment Matrix (Confidential Schedule 2) is attached. An evaluation summary against the non-priced based selection criteria has been provided below:

Civcon Civil and Project Management Pty Ltd

Employees allocated for this tender have extensive experience in major projects within confined work zone but the entity has not provided information demonstrating

specifically how it would manage the public traffic volume (both pedestrian and cyclists) through a live work site.

The entity's proposed work zone area indicated that two businesses would be in total isolation and therefore at risk of losing patronage throughout the construction period. This submission has therefore not demonstrated a full understanding of the project brief.

Menchetti Consolidated Pty Ltd T/As MG Group WA

The submission is generic and did not address the project's specific requirements. The lack of construction management plan, stakeholder management plan, traffic management plan and communication plan has raised concerns whether the project can be delivered to the satisfaction of the City whilst keeping the affected businesses operational during the construction period.

The entity has extensive brickwork paving experience but also tendered the highest price. The submission has neither demonstrated value for money nor the understanding of the project brief.

MXMLXX Pty Ltd ATF PaveWA Holding Family Trust T/As Pave WA and Access Brickpaving

The entity has submitted a high quality methodology including a communication plan demonstrating a full understanding of the project brief. It addresses the complexity of the proposed site whilst keep the adjacent dual use path open for public use.

Part of the project brief requires relocation of the existing irrigation system away from the newly constructed footpath. The entity has submitted an additional maintenance plan to water the plants, gardens and lawn during the construction period over the summer season.

The price submitted is the second lowest and demonstrates the best value for money as well as the best understanding of the project requirements.

Pre-Tender Estimate

The approved budget was \$185,000 prior to the completion of the detailed design package and cost estimate exercise. This approved budget includes a contribution from MRA of \$7,826.65 exc. GST, to provide a permanent access to the Rowing Club as part of the Elizabeth Quay Project.

The original budget estimate was not based on a formal estimating process, but assumed that the works would be staged to suit available budgets. Since that time the constraints of adjacent construction works have limited the options to stage the works. The staging will also result in an additional cost burden for repeat mobilisations and traffic management. Given there are savings on other capital works projects it is now recommended that the City undertake the full project scope now, and not stage it.

The pre-construction estimate cost including staff costs for the full project is \$287,737. This represents a budget shortfall of \$102,737. The pre-construction estimate includes 10% contingency, project management staff costs and the shortfall on the submitted tender price.

The additional funds are proposed to be sourced from CW 2002, Parliament Place Road Reconstruction where a significant surplus is available following award of the works.

Combined Qualitative and Priced Based Assessment Ranking

The table in Confidential Schedule 2 details the relative scores of the three submissions when both the qualitative and price based criteria were taken into consideration.

FINANCIAL IMPLICATIONS:

ACCOUNT NO:	CW - 1962
BUDGET ITEM:	Riverside Drive Footpath Upgrade
BUDGET PAGE NUMBER:	38
BUDGETED AMOUNT:	\$ 185,000.00
AMOUNT SPENT TO DATE:	\$ 22,177.00
PROPOSED CONTRACT COST:	\$ 215,259.00
CONTINGENCY (10%)	\$ 21,526.00
FUTURE CITY COSTS	\$ 28,775.00
BALANCE:	- \$ 102,737.00
ANNUAL MAINTENANCE:	\$ 1,896.07
ESTIMATED WHOLE OF LIFE COST:	\$ 75,842.80 (without cost escalation)

ACCOUNT NO:	CW - 2002
BUDGET ITEM:	Parliament Place Reconstruction
BUDGET PAGE NUMBER:	38
BUDGETED AMOUNT:	\$ 1,900,000.00
FORWARD SPENDING COST:	\$ 827,000.00
AVAILABLE BALANCE:	\$ 1,073,000.00
FUNDS TRANSFER TO CW 1962	\$ 102,737.00

All figures quoted in this report are exclusive of GST.

COMMENTS:

The offer provided by MXMLXX Pty Ltd ATF PaveWA Holding Family Trust T/As Pave WA and Access Brickpaving (Pave WA) demonstrates the best value for money given that they have scored the highest when the tender price component is taken into consideration with the six qualitative selection criteria.

Pave WA has considered the wellbeing of adjacent City's assets impacted by the on-going construction activities during summer months and identified a feasible

mitigation solution. This will safeguard City's assets against further damage or unnecessary replacement arising from the on-going construction activities.

There is a high level methodology and communication plan in place to notify the surrounding businesses and affected bus and tour operators throughout the construction period as well as keeping the adjacent dual shared path open for public usage.

Pave WA has demonstrated their understanding of the project brief and they have extensive paving experience through working on Adelaide Terrace footpath maintenance works with City's Street Presentation and Maintenance Unit (SPM).

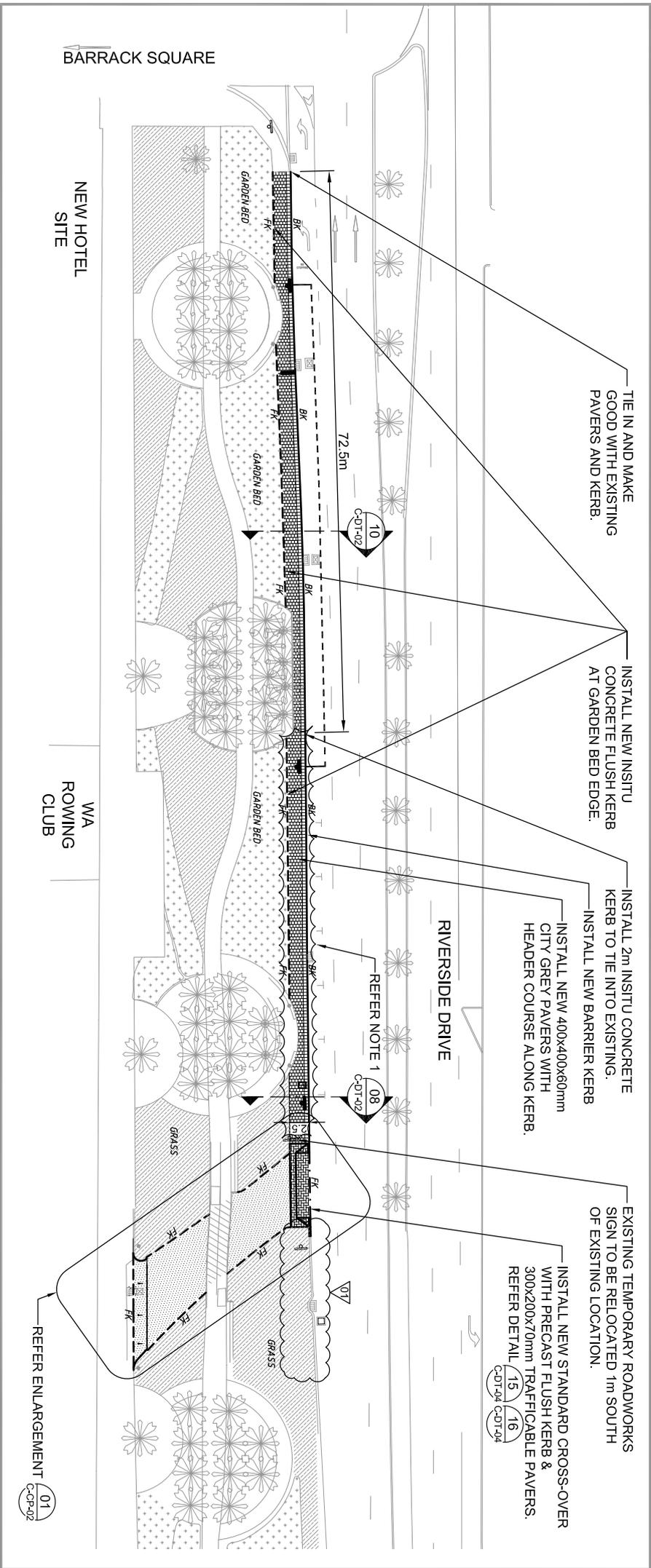
Pave WA has been evaluated as the preferred tenderer with the ability to complete the project within the required timeframe. Other benefits include minimising disruptions and inconvenience to external stakeholders and general public.

A modification to the award is proposed, which is to delete the replacement of the access way south of the dual-use path. This section of path has current works programmed by SPM for drainage upgrades and repairs following damage by other contractor accessing Barrack Square for the hotel development forward works.

Construction and Maintenance Directorate is seeking to avoid rework, and therefore proposes that the upgrade of the access way south of the dual use path by combined with (SPM) upgrade and repair works. This will also allow the best management of risks associated with the river wall which is directly adjacent to SPM's works area. SPM will complete the relevant portion of the works, charged against CW 1962 \$20,000.00 and this portion of work would be deleted from the contract scope awarded to Pave WA.

SCHEDULE 1

RIVERSIDE DRIVE FOOTPATH UPGRADE : SCHEDULE - X



CONFIDENTIAL SCHEDULE 2
ITEM 1 – TENDER 056-16/17 – RIVERSIDE DRIVE
FOOTPATH UPGRADE

FOR THE WORKS & UBRAN DEVELOPMENT COMMITTEE
MEETING

29 NOVEMBER 2016

DISTRIBUTED TO ELECTED MEMBERS UNDER
SEPARATE COVER

ITEM NO: 2

MOUNT STREET BRIDGE NODE ENHANCEMENT

RECOMMENDATION: (APPROVAL)

That Council:

- 1. receives the results of the stakeholder consultation on the Mount Street Bridge Node Enhancement – Draft Concept Plan as detailed in Schedule 3;***
- 2. approves the final concept plan for implementation as detailed in this report and Schedule 4 noting that construction is scheduled to be completed by 30 June 2017;***
- 3. notes that a separate budget will be required in 2018/19 for Stage Two following the completion of the Capital Square development.***

BACKGROUND:

FILE REFERENCE: P1033195
REPORTING OFFICER: Anngghi Tran
REPORTING UNIT: Coordination and Design
RESPONSIBLE DIRECTORATE: Planning and Development
DATE: 17 November 2016
MAP / SCHEDULE: Schedule 3 – Consultation Results Report
Schedule 4 – Final Concept Plan

The Mount Street Bridge Node – Draft Concept Plan was presented to the Council at its meeting held on the **1 November 2016**. Council endorsed the following resolutions:

- 1. approves the draft concept plan for the upgrade of Mount Street Bridge Node as detailed in this report and schedules;***
- 2. approves the release of the draft concept plan for consultation with stakeholders; and***
- 3. notes that the results of the stakeholder consultation, together with the final plans and cost estimate for progressing the physical works will be presented to the Works and Urban Development Committee for further consideration.***

This report presents the results of the public consultation on the Draft Concept Plan and provides details on the Final Concept Plan included estimated costs and a proposed construction program.

LEGISLATION / STRATEGIC PLAN / POLICY:

**Integrated Planning
and Reporting
Framework
Implications**

Strategic Community Plan
Council Four Year Priorities:
Perth as a Capital City
S5 Increase place activation and use of under-utilised
space

DETAILS:

Draft Concept Plan External Stakeholder Consultation

Meetings were held with the following property owners and tenants directly adjacent to the site to present the draft concept plan:

- 24 Mount Street;
- 18 Mount Street;
- 22 Mount Street; and
- 98 Mounts Bay Road

All stakeholders provided conditional support.

Schedule 3 documents the consultation responses.

Final Concept Plan

Key components of the enhancement will be:

Item	Comment
Reducing visual obstructions	Pruning and consolidation of the existing tall shrubs that are structurally unsound at both ends of the bridge will clear views and enable successful growth of proposed native planting.
Consolidation and relocation of parking bays	The proposed parking bay amendments have been approved by the Parking Working Group.
Display planting bed	The native planting display will be designed to enhance existing shrubs and trees. The display bed aligns with the objectives of the Intergovernmental Wildflowers WA initiative.
Main Roads WA	Working with MRWA, rejuvenation of the freeway

Item	Comment
(MRWA) verges	embankments will include clearance of dead and dying vegetation, new native groundcover planting will be selected for colour and low maintenance.
Seating	New bespoke furniture integrated with lighting will be nestled under trees. These will be designed to align with the Florence Hummerston palette using low maintenance materials.
Lighting	Feature lighting will enhance planting, furniture and future public artwork.
Central Node Paving	The centre of the landscape node will feature quality paving consisting of Donnybrook sandstone with basalt edging, to be installed on a rigid concrete base to ensure longevity and ease of maintenance.
WIFI and CCTV	Provision for the future extension of the City's network.

With the Capital Square development currently under construction a small component of the works will need to be completed at a later date. These works, Stage Two, will include the following:

- WIFI and CCTV provision;
- new ACROD bay;
- new barrier kerbs;
- relocation of taxi bays; and
- resurfacing of asphalt.

A workzone area currently occupies the southern parking bays to facilitate the construction of the new Woodside building. Woodside anticipate their new premises will be completed by the end of 2018. The City will liaise with Woodside to finalise the kerbside parking layout.

FINANCIAL IMPLICATIONS:

ACCOUNT NO:	CW 1990
BUDGET ITEM:	Mount Street - Bridge Node
BUDGET PAGE NUMBER:	38
BUDGETED AMOUNT:	\$385,000
PROPOSED CONSTRUCTION COST:	\$280,773
PROPOSED DESIGN AND PROJECT MANAGEMENT COST (FY 16/17)	\$ 47,176
AMOUNT SPENT TO DATE:	\$ 16,410
PROPOSED COST:	\$344,359
BALANCE:	\$ 40,641

ANNUAL MAINTENANCE:	TBC
ESTIMATED WHOLE OF LIFE COST:	TBC

All figures quoted in this report are exclusive of GST.

An independent quantity surveyor has estimate the above construction costs based on the 50% design documentation drawings. This includes a 10% contingency for unforeseen costs and latent site conditions.

In addition to this Capital works budget, the design and construction of bespoke furniture will be funded from the Greening the Landscape and Street Furniture budget.

Provision for the future extension of the City's WIFI network will be funded from the IT Optical Fibre Budget.

Stage Two will be completed at a later stage with a separate budget allocation in 2018/19.

COMMENTS:

The first stage of the construction for the enhancement of Mount Street Bridge Node is programmed to commence in April 2017. The works are anticipated to be completed by the end of June 2017. During the construction the focus will be on minimising disruption to pedestrians, vehicles, cyclists and businesses.

A communications plan will be developed to ensure that all stakeholders are adequately notified of construction and to deal with any specific needs around access requirements during the works.

Mount Street Bridge Node Draft Concept Plan – Business Stakeholder Consultation Qualified

Support				
Trim	Date	Business Consulted	Comments	Response
1 204497/16 204498/16	9/11/16	Rendezvous 24 Mount Street	<ul style="list-style-type: none"> Supports the pedestrian prioritisation by expansion of footpath zone beyond footbridge Supports the enhanced landscape which will provide amenity for hotel guests. 5 minute bay is essential to the hotel guests drop off and pickup. Relocation of current 5minute bay is supported provided the new 5 minute bay is assigned prior to removal of existing. Works to hotel crossover is supported provided works are carried out Mondays/Tuesdays/Wednesday for minimal disruption to Hotel guests. Management anticipate new paving works to external entry and would like to ensure coordination with CoP pavings and requested details of CoP proposed works. 	<ul style="list-style-type: none"> The City will work with stakeholders prior to and during construction to minimise disruption. Paving details to be provided as requested.
2	206030/16	15/11/16 BGE 18 and 22 Mount	<ul style="list-style-type: none"> Supports the pedestrian prioritisation by expansion of footpath zone in beyond footbridge. 	<ul style="list-style-type: none"> The City will work with stakeholders prior to and during construction to

3	206586/16	16/11/16	Street Future Woodside Building 98 Mounts Bay Road	<ul style="list-style-type: none"> • Supports the enhanced landscape which will provide amenity for office workers. • Works to car park crossover is supported provided works are carried out weekends for minimal disruption to office workers. • Acknowledges the enhanced landscape which will provide amenity for office workers. • Acknowledges the enhancement of views to bridge and improved way finding. • Supports the use of native plantings. • Suggested incorporation of Indigenous heritage through representation of plant use/knowledge. • Acknowledges new ACROD bay presents no impact to footpaths. • Would like to have further discussion about the parking arrangement on the southern side of Mount Street adjacent to their future building. 	<p>minimise disruption.</p> <ul style="list-style-type: none"> • Noted • The City will work with Woodside regarding future parking arrangements on the southern side of Mount Street.
---	-----------	----------	--	---	---

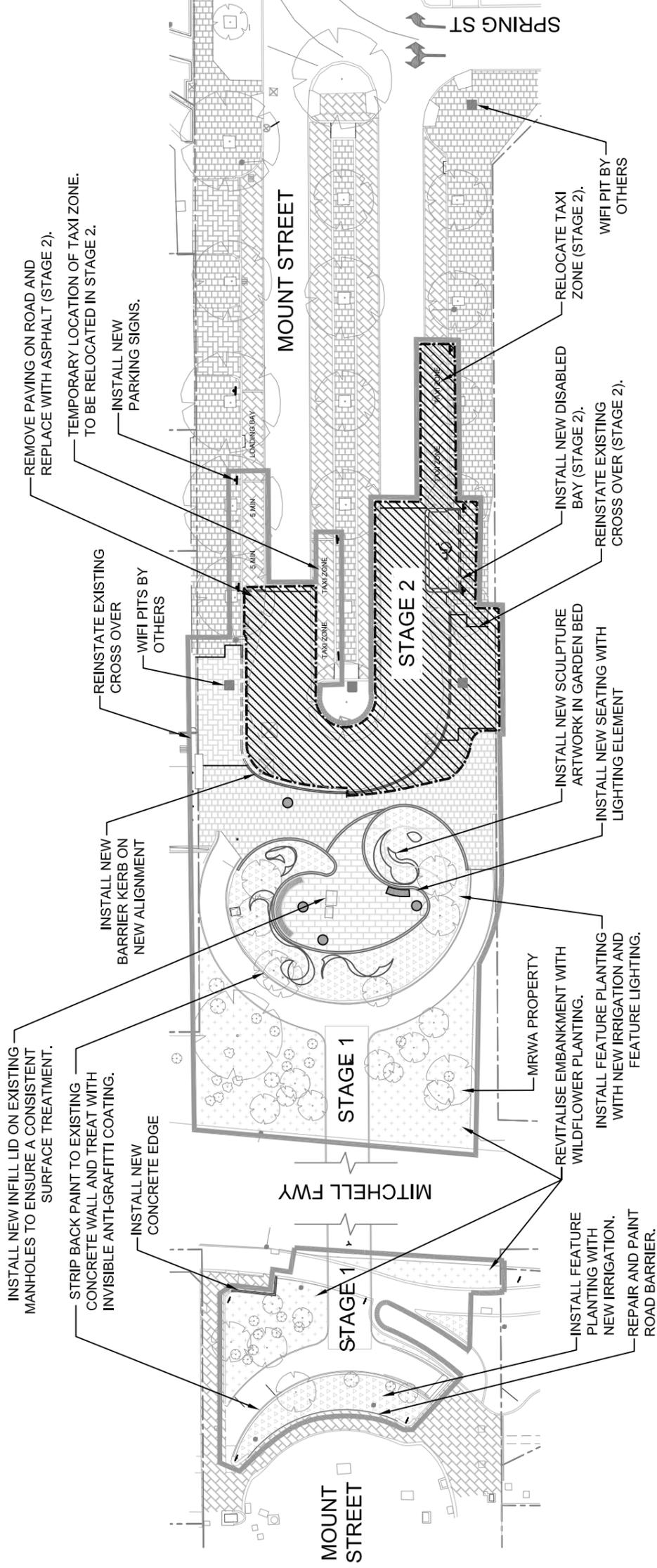
SCHEDULE 4

NOTES

- FOR DRAWING INDEX AND KEY PLAN REFER DRAWING 16071-G-LP-01.
- FOR LIGHTING PLAN, SEE ELECTRICAL DRAWINGS.

LEGEND

- EXTENT OF WORKS
- EXTENT OF STAGE 2
- EXISTING FLUSH KERB TO REMAIN
- EXISTING ROAD KERB TO REMAIN
- EXISTING KERB TO BE REMOVED
- EXISTING STANDARD CITY GREY PAVERS TO REMAIN
- EXISTING STANDARD TRAFFICABLE CITY GREY PAVERS TO REMAIN
- EXISTING INTERLOCKING PAVERS TO REMAIN
- EXISTING TREE TO REMAIN
- INSTALL NEW PRECAST CONCRETE FLUSH KERB
- INSTALL NEW PRECAST CONCRETE BARRIER KERB
- INSTALL NEW KIMBERLEY STONE 'BLACK' EXFOLIATED COBBLES
- INSTALL NEW STANDARD CITY GREY PAVERS
- INSTALL NEW STANDARD TRAFFICABLE CITY GREY PAVERS
- INSTALL NEW 230x115x80mm CHARCOAL CONCRETE PAVERS
- INSTALL NEW DONNYBROOK STONE PAVERS ON CONCRETE BASE
- INSTALL NEW NATIVE PLANTING
- NO IRRIGATION AND PINEBARK MULCH
- INSTALL NEW PLANTING, IRRIGATION AND SOIL WITH ORNAMENTAL GRAVEL MULCH
- NEW ASPHALT RESURFACING
- INSTALL NEW ASPHALT PAVEMENT WITH LIMESTONE BASE



MOUNT STREET NODE PROJECT
CONCEPT PLAN



 <p>City of Perth COUNCIL HOUSE, 27-29 ST. GEORGE'S TERRACE, PERTH.</p>	THIS DWG & DESIGN IS SUBJECT TO COPYRIGHT AND MAY NOT BE REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO PROJECT MANAGER PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DRAWINGS.		02	16/11/2016	CONCEPT - ISSUED FOR INFORMATION	S.W.
			01	14/11/2016	CONCEPT - ISSUED FOR INFORMATION	S.W.
			REV	DATE	REVISION DETAILS	DWN

DRAWN S. Wilson DESIGNED A. Tran CIVIL ENG. PROJECT MGR. A. Tran	TRAFFIC ENG. M. Groves DATE 17/11/2016 SCALE AS SHOWN CO-ORD SYS. MGA 50 / AHD
VAUGHAN JAMES - PRINCIPAL DESIGN ENG. COORDINATION & DESIGN	AMANDA MANNOLINI - ACTING MANAGER, COORDINATION & DESIGN

DWG SET No. 16071 CONCEPT - ISSUED FOR QUANTITY SURVEYOR RKS FILE No. P1033195 CAD REF: Circle.dwg	DWG TYPE L - CP - 01 DISPLN DWG No. 02 SHEET No. 01 FOLDER: H:\CAD\1_DR\1_PUB\MOUNT1_A3
---	--

MOUNT STREET NODE PROJECT FREEWAY BRIDGE INTERFACE CONCEPT PLAN	
---	--

ITEM NO: 3

TENDER 028-16/17 - PROVISION OF PLUMBING SERVICES

RECOMMENDATION: (APPROVAL)

That Council:

1. accepts the most suitable applications, being those submitted by the following, to form a panel of pre-qualified suppliers:

1.1 Majestic Plumbing Pty Ltd;

1.2 Richpoint Pty Ltd ATF The Young Family Trust T/A HA Young Plumbing Contractor;

1.3 Swift Flow Pty Ltd ATF The Swift Flow Unit Trust (Swift Flow Pty Ltd);

1.4 Rowson's Plumbing Services Pty Ltd;

for the provision of plumbing services (Tender 028-16/17) for a period of three years, commencing 16 January 2017, with an option for a further two year extension, in accordance with the schedule of rates in Confidential Schedule 5 – Response Rates, subject to annual CPI increases; and

2. authorises the Chief Executive Officer to enter into a contract, or contracts, for the provision of the services.

BACKGROUND:

FILE REFERENCE:	P1033107
REPORTING UNIT:	Properties
RESPONSIBLE DIRECTORATE:	Construction and Maintenance
DATE:	14 November 2016
MAP / SCHEDULE:	Confidential Schedule 5 - Assessment Matrix Confidential Schedule 6 – Schedule of Rates

LEGISLATION / STRATEGIC PLAN / POLICY:

Legislation 3.57 of the *Local Government Act 1995*
Division 3 of the *Local Government (Functions and General) Regulations 1996*

Integrated Planning and Reporting Framework Implications **Strategic Community Plan**
Council Four Year Priorities: Capable and Responsive Organisation
S18 Strengthen the capacity of the organisation

Policy

Policy No and Name: CP 9.7 Purchasing

DETAILS:

Tender 028-16/17 – Provision of Plumbing Services was advertised in the West Australian on Saturday, 20 August 2016. Tenders closed at 2:00pm on 8 September 2016, with the following tenders received:

- Fireball Enterprises Pty Ltd ATF The Trustee for the Talbot Family Trust T/A Affordable Plumbing and Gas Services (Affordable Plumbing and Gas Services);
- Bromar Nominees Pty Ltd ATF Altona Unit Trust T/A Altona Plumbing (Altona Plumbing);
- SYME, REGAN T/A Home Solutions (Home Solutions);
- Swift Flow Pty Ltd ATF The Swift Flow Unit Trust (Swift Flow Pty Ltd);
- Tunnel Vision (WA) Pty Ltd T/A Tunnel Vision (Tunnel Vision);
- Use Your Local Man Pty Ltd;
- PAC Developments Pty Ltd ATF The Campbell Allsworth Family Trust T/A Snap Plumbing and Construction Pty Ltd (Snap Plumbing and Construction Pty Ltd);
- REPIPE Pty Ltd T/A Repipe Pty Ltd (Repipe Pty Ltd);
- Rowson's Plumbing Services Pty Ltd
- Pride Plumbing and Gas Pty Ltd ATF The Pride Trust T/A Pride Plumbing and Gas (Pride Plumbing and Gas);
- Majestic Plumbing Pty Ltd;
- McDermott Group Pty Ltd;
- Boeing Holdings Pty Ltd;
- Brian Gregson Management Services Pty Ltd T/A Australian Utility Services (Australian Utility Services);
- Richpoint Pty Ltd ATF The Young Family Trust T/A HA Young Plumbing Contractor (HA Young Plumbing Contractor);
- Design Plumbing WA Pty Ltd ATF Bennett Family Trust & Polson Family Trust (Design Plumbing WA Pty Ltd); and
- Finestone Investments Pty Ltd T/A Ace Plus (Ace Plus).

This tender seeks to engage a panel of contractors to undertake planned and unplanned plumbing maintenance services for the City of Perth's buildings and facilities.

The City intends to establish a Panel Arrangement of between three and four plumbing services contractors and to endeavour, as far as possible, that each contractor receive sufficient amount of work whilst achieving economies of scale, however the City makes no guarantee that the City will purchase goods or services from any contractor under this arrangement.

Should a panel member leave the Panel, they may be replaced by the next ranked supplier determined in the value for money assessment should the supplier agree to do so.

The Panel Arrangement period will initially be for three years commencing from the date specified in the letter(s) of acceptance. The Panel Agreement has one extension option of two years and subject to both parties' mutual consent to extend.

The tendered rates shall remain fixed for 12 months and then subject to review. On the anniversary of the Commencement Date, the Rates may be varied in accordance with the Perth Consumer Price Index effective as at the date of review.

The City received 17 tender submissions. The tender submissions were evaluated by the assessment panel based the following selection criteria:

Response Times

The City of Perth issues work orders to contractors on the basis of:

1. Urgent Response – site attendance is required within one hour;
2. Priority Response – work order to be completed within 24 to 48 hours; and
3. Routine Response – work order where works are programmed in advance as agreed with the City of Perth.

Tender submissions were evaluated based on their methodology to accommodate the required response times.

The submissions which met the requirements of this criterion with no deficiencies were Swift Flow Pty Ltd, Snap Plumbing and Construction Pty Ltd, Rowson's Plumbing Services Pty Ltd, Majestic Plumbing Pty Ltd, Australian Utility Services, HA Young Plumbing Contractor; Design Plumbing Pty Ltd and Ace Plus.

Experience of Key Personnel and Company

Tender submissions were evaluated based on details provided regarding experience and qualifications of key personnel, similar works undertaken by the company and if the company is accredited by any relevant Plumbers Association (e.g. MPMSAA).

The submissions which met the requirements of this criterion with no deficiencies were Altona Plumbing, Swift Flow Pty Ltd, Snap Plumbing and Construction Pty Ltd,

Rowson's Plumbing Services Pty Ltd, Majestic Plumbing Pty Ltd, Boeing Holdings Pty Ltd, Australian Utility Services, HA Young Plumbing Contractor, Design Plumbing WA Pty Ltd and Ace Plus.

Support Resources – Equipment, Material and Spare Parts

Tender submissions were evaluated based on details provided regarding their equipment, materials and availability of spare parts.

The submissions which met the requirements of this criterion with no deficiencies were Altona Plumbing, Swift Flow Pty Ltd, Snap Plumbing and Construction Pty Ltd, Rowson's Plumbing Services Pty Ltd, Pride Plumbing and Gas, Majestic Plumbing Pty Ltd, Australian Utility Services, HA Young Plumbing Contractor, Design Plumbing WA Pty Ltd and Ace Plus.

Safety Management System

Tender submissions were evaluated based on details provided regarding their safety management practices including traffic management experience.

The submissions which the tender assessment panel considered to have met the requirements of this criterion with no deficiencies were Affordable Plumbing and Gas Services, Altona Plumbing, Swift Flow Pty Ltd, Snap Plumbing and Construction Pty Ltd, Pride Plumbing and Gas, Majestic Plumbing Pty Ltd, Australian Utility Services, HA Young Plumbing Contractor and Ace Plus.

Note: The OH&S assessment of Finestone Investments Pty Ltd T/A Ace Plus (Ace Plus) and Brian Gregson Management Services Pty Ltd T/A Australian Utility Services conducted by the City's Safety Officers concluded that these tenderers have not provided satisfactory information.

Quality Management System

Tender submissions were evaluated based on details provided regarding the company's quality management systems and practices that would be utilised in the contract to provide the City of Perth with a high level of customer service and accountability.

The submissions which met the requirements of this criterion with no deficiencies were Affordable Plumbing and Gas Services, Swift Flow Pty Ltd, Snap Plumbing and Construction Pty Ltd, Pride Plumbing and Gas, Majestic Plumbing Pty Ltd, Australian Utility Services HA Young Plumbing Contractor and Ace Plus.

Price

Tendered rates were assessed by estimating the number of hours of each type of call out used by the City in one year, and then using the rates submitted by each tenderer to assess the likely cost over one year. The lowest price was submitted by McDermott Group Pty Ltd, resulting in this company receiving a 5/5 score for Price. All other tenderers were given a score based on their price in relation to the cheapest tenderer.

The Assessment Matrix is attached.

The six highest scoring tenderers were (in order from highest score to lowest):

1. Majestic Plumbing Pty Ltd;
2. Richpoint Pty Ltd ATF The Young Family Trust T/A HA Young Plumbing Contractor (HA Young Plumbing Contractor);
3. Brian Gregson Management Services Pty Ltd T/A Australian Utility Services (Australian Utility Services);
4. Finestone Investments Pty Ltd T/A Ace Plus (Ace Plus);
5. Swift Flow Pty Ltd as Trustee for The Swift Flow Unit Trust; and
6. Rowson's Plumbing Services Pty Ltd.

Following the qualitative and quantitative assessments, a financial capacity assessment and an occupational health and safety assessment were conducted on each tenderer.

The OH&S assessment of Finestone Investments Pty Ltd T/A Ace Plus (Ace Plus) found that they have not provided sufficient safe systems of work information, nor a Safety Management Plan. Additionally, a plumbing license that they submitted a copy of with their tender submission expired in August 2016. It is not recommended that the City includes Finestone Investments Pty Ltd T/A Ace Plus (Ace Plus) in the panel.

The OH&S assessment of Brian Gregson Management Services Pty Ltd T/A Australian Utility Services found that they have not provided copies of licenses and qualifications and their safe work method statements were not of sufficient detail and quality. It is not recommended that the City includes Brian Gregson Management Services Pty Ltd T/A Australian Utility Services in the panel.

It is therefore recommended that Council appoint the following four tenderers to form a Panel Arrangement of contractors to provide plumbing services to the City of Perth:

1. Majestic Plumbing Pty Ltd;
2. Richpoint Pty Ltd ATF The Young Family Trust T/A HA Young Plumbing Contractor (HA Young Plumbing Contractor);
3. Swift Flow Pty Ltd ATF The Swift Flow Unit Trust (Swift Flow Pty Ltd); and
4. Rowson's Plumbing Services Pty Ltd.

The four tenderers have demonstrated that they meet the requirements of the assessment criteria and their tendered rates provide good value for money for the City.

FINANCIAL IMPLICATIONS:

Various operational expenditure accounts hold sufficient budget to cover the cost for each facility.

All figures quoted in this report are exclusive of GST.

Properties spend for the last financial year was approximately \$240,000.

COMMENTS:

Following a thorough tender assessment process, the assessment panel recommends appointing four tenderers to form a Panel Arrangement to provide plumbing services to the City of Perth. The four recommended tenderers have demonstrated that they meet the requirements of the assessment criteria and their tendered rates provide good value for money for the City of Perth.

CONFIDENTIAL SCHEDULE 5 & 6
ITEM 3 - TENDER 028-16/17 - PROVISION OF PLUMBING
SERVICES

FOR THE WORKS & UBRAN DEVELOPMENT COMMITTEE
MEETING

29 NOVEMBER 2016

DISTRIBUTED TO ELECTED MEMBERS UNDER
SEPARATE COVER

ITEM NO: 4

TENDER 035 - 16/17 PROVISION OF SPECIALISED MAINTENANCE/REINSTATEMENT OF GRANITE/STONE FOOTPATHS, KERBS, CHANNELS, ROAD PAVEMENTS AND ASSOCIATED WORKS FOR THE CITY OF PERTH

RECOMMENDATION: (APPROVAL)

That Council:

- 1. accepts the most suitable Tender, being that submitted by Lightning Brick Pavers for the Provision of the Specialised Maintenance & Reinstatement of Granite/Stone Footpaths, Kerbs, Channels, Road Pavements & Associated Works for a period of one year at the rates supplied in Schedule 7, 8 and 9 – Tender 035 – 16/17 – with the option to extend for a further two years with each subsequent year increase based upon the Consumer Price Index for the preceding year;***
- 2. accepts the Lump Sum price of \$38,842.00 for “Modifications to 21 Granite/Stone Hydrant Pit Lids” as per Schedule 10.***
- 3. authorises the Chief Executive Officer to enter into a contract, or contracts for the provision of services.***

BACKGROUND:

FILE REFERENCE: P1033153
REPORTING UNIT: Street Presentation and Maintenance
RESPONSIBLE DIRECTORATE: Construction and Maintenance
DATE: 17 November 2016

MAP / SCHEDULE:	Schedule 7 – Schedule of Rates - Rigid Pavement
	Schedule 8 – Schedule of Rates – Flexible Pavement
	Schedule 9 - Schedule of Rates – Road Traffic Management
	Schedule 10 – Lump Sum
	Confidential Schedule 11 - Price Modelling for Rigid Pavement
	Confidential Schedule 12 – Price Modelling for Flexible Pavement
	Confidential Schedule 13 – Price Modelling for Road Traffic Management
	Confidential Schedule 14 – Price Modelling for Lump Sum
	Confidential Schedule 15 – Scoring Price Criteria
	Confidential Schedule 16 – Tender Assessment Matrix

Tender 035 - 16/17 – Provision of Specialised Maintenance & Reinstatement of Granite/Stone Footpaths, Kerbs, Channels, Road Pavements & Associated Works, was advertised in the West Australian on Saturday, 3 September 2016. Tenders closed at 2.00pm on Thursday 20 September 2016, with the tenders received from:

- Lightning Brick Pavers;
- BOS Surveying;
- Pave WA;
- Civcon; and
- HCC.

The Street Presentation and Maintenance Unit maintains all footpaths, kerbs, channels, road pavements and associated works as part of the City's assets maintenance requirements. The maintenance of granite/stone is a specialised job and City maintenance personnel are not trained, and do not have expertise in undertaking special maintenance of granite footpaths, road pavement, kerbs, etc.

The tender is divided in two main components: rigid and flexible pavement. The city has some areas in which the granite/stone paving had been installed with a concrete slab underneath (rigid pavement) and there are other areas of the city in which the granite/stone had been installed on a sand bed (flexible pavement).

The tenderer has also been requested to provide a lump sum price for “Modifications to 21 Granite/Stone Hydrant Pit Lids” – (9 in St. Georges Terrace; 5 in Hay Street Mall; 6 in Murray Street Mall; and 1 in Northbridge Piazza). As per details in Schedule 10. This Lump Sum activity is part of a joined agreement signed between Water Corporation, Department of Fire and Emergency Authority and the City of Perth. The pits to be modified are located within areas of rigid and flexible pavement.

The objective of this Tender is to engage a Contractor for this specialised maintenance not covered by any of the current maintenance contracts. The City of Perth is undertaking footpath upgrades with granite in high profile areas such as St Georges Terrace, Wellington Street, etc. and these areas require specialised maintenance that:

- improves the presentation and image of the Capital City;
- withstands occasional impact from vehicles; and
- provides a sustainable and long-term cost benefit solution to the City.

The Contractor is required to supply all equipment, plant and labour necessary for undertaking, efficient and timely maintenance of these works.

LEGISLATION / STRATEGIC PLAN / POLICY:

Legislation *Local Government Act 1995*
Local Government (Functions and General)
Regulations 1996

Integrated Planning and Reporting Framework Implications **Strategic Community Plan**
Council Four Year Priorities: Capable and Responsive Organisation

Policy
Policy No and Name: 9.7 – Purchasing Policy

DETAILS:

A mandatory Site Inspection was held on 7 September 2016 to provide more clarity to Tenderers of the City's expectations about the works. This mandatory Site Inspection also provided the Tenderers the opportunity to ask any questions related to this Tender. The following six Companies attended the Site Inspection:

- Lightning Brick Pavers;
- BOS Surveying;
- Pave WA;
- Civcon;
- HCC; and
- Conplant.

From the six Companies which attended the mandatory Site Inspection, the City received five submissions from:

- Lightning Brick Pavers;
- BOS Surveying;
- Pave WA;
- Civcon; and
- HCC.

Tenderers were required to address the selection criteria in the specification to demonstrate their relevant experience, safety management expertise, resources (personnel, plant and equipment), methodology and any assumptions made. The Tenderers were also required to submit a Form of Tender which included a Schedule 10 of Rates and Lump Sum price for replacement of hydrant pit lids.

The criteria were:

- Relevant Company Experience in the Provision of Similar Works;
- Safety Management Expertise;
- Resources - Personnel, Plant and Equipment;
- Methodology and Assumptions Made; and
- Price (see table below showing price ranking).

The five submissions were assessed and ranked according to the qualitative criteria with particular emphasis on relevant experience, safety management, predominantly in respect to relevant experience with similar work, resources available for the mentioned works and any proposed methodology to undertake the works. Each submission was assessed individually and ranked in order of merit against the qualitative criteria.

To facilitate the comparison between the offers, the panel agreed to undertake a “model” based on quantities from previous years which are likely to be used for subsequent maintenance. As such, the attached tables are showing four particular scenarios: Rigid pavement (scenario #1), Flexible pavement (scenario #2), Hydrant Pit Lids (scenario #3 - Lump Sum price) and Traffic Management (scenario #4). Estimated quantities were taken into account and a total value given based on those quantities.

The panel analysed the four scenarios, combining all of them to obtain a scoring price to be used as part of the evaluation matrix. The offers were ranked from one to five with their respective scores being taken.

Lightning Brick Pavers

Lightning Brick Pavers submitted a thorough and concise offer with informative responses to all criteria. The panel considered this submission as conforming and for all four qualitative areas it met the criteria. It was the only proposal which met all criteria.

They have demonstrated the most important parameter which is their relevant experience reaching a high score in this criterion and have submitted an excellent explanation of their proposed methodology to undertake the works, and a thorough breakdown of each rate. They met all criteria being the only Tenderer reaching this level.

They demonstrated to have availability of resources and personnel with relevant experience in similar projects. Lightning Brick Pavers currently undertakes different works for the City of Perth and they have demonstrated good capabilities with enough resources and expertise in the field.

BOS Civil

BOS Civil submitted a fair offer with deficiencies and low scores in two criteria. The main concern with their submission was that they could not demonstrate their relevant experience in similar works as requested in the specifications. While BOS Civil is currently undertaking various works for the City, they could not demonstrate any substantial relevant experience with granite pavers which is the core activity of this Tender, except some minor maintenance work. However, the panel acknowledges that their price was the lowest from all proposals and also for all schedules (including the Lump Sum) and ranked first on price.

The panel is of the view that not having any of the four qualitative criteria met and only being competitive in price, it was not enough to qualify this as a good submission and therefore as best value for money.

Pave WA

Pave WA submitted an offer with only a few deficiencies which almost met criteria. Only one of the four criteria was met, being the relevant experience in similar works. The other three criteria were almost met. Pave WA is currently undertaking various works for the City installing the standard pavers across the City. The main issue was being within the two most expensive proposals with a considerable difference.

The panel is of the view that having only met one qualitative criterion and also being one of the two most expensive proposals, their offer could not be considered.

Civcon

Civcon's offer did not meet any of the four qualitative criteria with low scores in two of them. Only one criterion was almost met, being the safety management expertise. As for the other three qualitative criteria, they have deficiencies and/or could not demonstrate to have enough resources (personnel, plant and equipment) to undertake the works.

This was the most expensive proposal under the combined scoring price criteria basis of the Tenders analysis. As such, the panel is of the view that having only met one qualitative criterion and also being the most expensive proposal, their offer did not have merits to be considered.

HCC

HCC submitted an offer with only a few deficiencies which almost met criteria. Only one of the four criteria was met, being the methodology and assumptions made. The other three criteria were almost met and they demonstrated good relevant experience, safety management expertise and also having enough resources (personnel, plant and equipment) to undertake the works.

HCC ranked second overall. The panel is of the view that having only met one qualitative criterion and being close in three of the other four, their offer could not be considered.

FINANCIAL IMPLICATIONS:

ACCOUNT NO:	CL711232107260
BUDGET PAGE NUMBER:	67
BUDGETED AMOUNT:	\$849,999.96
AMOUNT SPENT TO DATE:	\$133,578.10
PROPOSED COST:	\$271,234.04 (Estimated cost for the first year)
BALANCE:	\$445,187.82

All figures quoted in this report are exclusive of GST.

The proposed costs of \$271,234.04 includes projected estimated costs for maintenance of granite paving amounting to \$232,391.64 and \$38,842.40 at a lump sum price for the replacement of hydrant pit lids.

COMMENTS:

In conclusion of the tender evaluation process, HCC, Pave WA, BOS and Civcon has deficiencies in their offers, but Lightning Brick Pavers presented an excellent explanation of proposed methodology and relevant experience and met all criteria being the only offer which reached this level.

The prices submitted by Lightning Brick Pavers are higher in comparison with BOS Civil (the cheapest offer) for the main items. However, the panel is of the view that considering the profile of the area, the challenges, and the proposed methodology to undertake the works under this Tender, only Lightning Brick Pavers has demonstrated enough evidence of relevant experience and expertise to undertake the works.

The panel considers Lightning Brick Pavers as being capable of fulfilling the obligations required under the tender specifications. It is therefore recommended that Tender be awarded to Lightning Brick Pavers.

FOR THE PROVISION OF SPECIALISED MAINTENANCE/REINSTATEMENT OF GRANITE/STONE FOOTPATHS, KERBS, CHANNELS, ROAD PAVEMENTS AND ASSOCIATED WORKS FOR THE CITY OF PERTH - TENDER No. 035 - 16/17

APPLIES TO AREAS WITHIN RIGID PAVEMENT (For any type of granite/stone)

RATES FOR PAVING (Any type of granite/stone paving)			Lighting Brick Pavers		BOS		Pave WA		Civcon		HCC	
ITEM	DESCRIPTION/ACTIVITY	UNIT	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS
Minor Single Areas: are those with an area < 1m ²			RATE PER SINGLE AREA	RATE PER SINGLE AREA	RATE PER SINGLE AREA	RATE PER SINGLE AREA	RATE PER SINGLE AREA	RATE PER SINGLE AREA	RATE PER SINGLE AREA	RATE PER SINGLE AREA	RATE PER SINGLE AREA	RATE PER SINGLE AREA
1	If there is one single area to be maintained up to 1m ² and there are no more areas within a radius of 100m to be maintained together, this will be considered a single minor area.	m ²	\$ 1,152.00	\$ 1,872.00	\$ 871.00	\$ 1,358.50	\$ 2,016.00	\$ 2,620.00	\$ 248.00	\$ 352.00	\$ 957.00	\$ 1,531.20
2	If there are from 2 to 5 single areas to be maintained of up to 1m ² each and located within a radius of 100m altogether	m ²	\$ 648.00	\$ 990.00	\$ 322.22	\$ 461.51	\$ 1,827.00	\$ 2,375.00	\$ 232.00	\$ 330.00	\$ 803.00	\$ 1,284.80
3	If there are from 6 to 10 single areas to be maintained of up to 1m ² each and located within a radius of 100m altogether	m ²	\$ 526.50	\$ 891.00	\$ 133.25	\$ 194.19	\$ 1,659.00	\$ 2,239.00	\$ 227.00	\$ 319.00	\$ 803.00	\$ 1,284.80
4	11 or more single areas to be maintained of up to 1m ² each and located within a radius of 100m altogether	m ²	\$ 400.50	\$ 678.60	\$ 83.82	\$ 123.64	\$ 1,496.00	\$ 2,282.00	\$ 218.00	\$ 309.00	\$ 803.00	\$ 1,284.80
ITEM	Major Single Areas: are those with area ≥ 1m ²	UNIT	RATE PER MAJOR AREA	RATE PER MAJOR AREA	RATE PER MAJOR AREA	RATE PER MAJOR AREA	RATE PER MAJOR AREA	RATE PER MAJOR AREA	RATE PER MAJOR AREA	RATE PER MAJOR AREA	RATE PER MAJOR AREA	RATE PER MAJOR AREA
5	Area to be maintained is from 1.05m ² to 4.99m ² (in only one major area)	m ²	\$ 534.60	\$ 1,089.00	\$ 400.22	\$ 539.51	\$ 1,078.00	\$ 1,888.00	\$ 217.00	\$ 309.00	\$ 703.00	\$ 1,121.80
6	Area to be maintained is from 5m ² to 9.99m ² (in only one major area)	m ²	\$ 468.00	\$ 905.13	\$ 295.75	\$ 356.69	\$ 980.00	\$ 1,780.00	\$ 210.00	\$ 298.00	\$ 501.00	\$ 801.60
7	Area to be maintained is more than 10m ² (in only one major area)	m ²	\$ 351.00	\$ 585.00	\$ 257.84	\$ 297.66	\$ 891.00	\$ 980.00	\$ 189.00	\$ 288.00	\$ 445.00	\$ 712.00
RATES FOR KERBING (Any type of granite/stone kerbing)			NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS
ITEM	DESCRIPTION	UNIT	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE
8	Any number of kerb units altogether to a maximum of 5m	m	\$ 774.00	\$ 945.00	\$ 175.50	\$ 258.38	\$ 924.00	\$ 1,293.00	\$ 188.00	\$ 266.00	\$ 2,900.00	\$ 4,640.00
9	Any number of kerb units altogether with a total length between 5.05m to 10m	m	\$ 531.00	\$ 675.00	\$ 162.50	\$ 240.50	\$ 812.00	\$ 1,137.00	\$ 172.00	\$ 245.00	\$ 855.00	\$ 1,368.00
10	Any number of kerb units with a length greater than 10m altogether	m	\$ 405.00	\$ 531.00	\$ 152.75	\$ 225.88	\$ 763.00	\$ 1,068.00	\$ 157.00	\$ 224.00	\$ 755.00	\$ 1,208.00
RATES FOR CHANNEL (Any type of granite/stone channel)			NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS
ITEM	DESCRIPTION	UNIT	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE
11	Any number of channel units altogether to a maximum of 5m	m	\$ 495.00	\$ 675.00	\$ 201.50	\$ 243.75	\$ 924.00	\$ 1,293.00	\$ 98.00	\$ 139.00	\$ 1,920.00	\$ 3,264.00
12	Any number of channel units altogether with a total length between 5.05m to 10m	m	\$ 288.00	\$ 418.50	\$ 188.50	\$ 225.88	\$ 812.00	\$ 1,137.00	\$ 91.00	\$ 127.00	\$ 455.00	\$ 773.50
13	Any number of channel units with a length greater than 10m altogether	m	\$ 265.50	\$ 355.50	\$ 175.50	\$ 208.00	\$ 763.00	\$ 1,068.00	\$ 83.00	\$ 118.00	\$ 395.00	\$ 671.50
RATES FOR PROVISIONAL ITEMS (For any type of granite/stone)			NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS	NORMAL HOURS	OUT OF HOURS
ITEM	DESCRIPTION	UNIT	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE
1	Installation of Stainless Steel Directionals Tactile indicators (including drilling, Epoxy Adhesive and any other necessary material for installation)	Each	\$ 38.75	\$ 48.75	\$ 39.00	\$ 71.50	\$ 89.50	\$ 125.30	\$ 56.00	\$ 79.00	\$ 100.00	\$ 160.00
2	Installation of Stainless Steel Dots Tactile indicators (including drilling, Epoxy Adhesive and any other necessary material for installation)	Each	\$ 155.00	\$ 195.00	\$ 26.00	\$ 45.50	\$ 78.00	\$ 115.20	\$ 10.00	\$ 14.00	\$ 50.00	\$ 80.00
3	Supply and Install Megapoxy AP Adhesive to fix paving/stones down allowing for opening the road each night	m ²	\$ 250.00	\$ 250.00	\$ 124.59	\$ 170.91	\$ 380.00	\$ 532.00	\$ 238.00	\$ 337.00	\$ 600.00	\$ 800.00
4	Supply and Installation of Fast Cure Mastic in areas as directed by the City.	m ²	\$ 14.50	\$ 25.00	\$ 81.04	\$ 127.36	\$ 425.00	\$ 595.00	\$ 112.00	\$ 159.00	\$ 50.00	\$ 80.00
5	Supply and Installation of Fast Cure Grout in areas as directed by the City.	m ²	\$ 19.50	\$ 19.50	\$ 118.09	\$ 164.41	\$ 310.00	\$ 434.00	\$ 126.00	\$ 179.00	\$ 120.00	\$ 192.00
6	Removal and disposal of existing mastic joints, supply and installation of new mastic expansion joints (Duraflex FC with Primer 10)	m	\$ 65.00	\$ 65.00	\$ 87.05	\$ 133.37	\$ 135.00	\$ 190.00	\$ 56.00	\$ 79.00	\$ 55.00	\$ 88.00
7	Removal and disposal of existing mastic joints, supply and installation of new stainless steel side wall plates, grade 305 expansion joints. As per City's D & C Notes.	m	\$ 95.00	\$ 95.00	\$ 87.05	\$ 133.37	\$ 215.00	\$ 301.00	\$ 175.00	\$ 248.00	\$ 180.00	\$ 240.00
8	Replacement of grouting between pavers: Supply and installation of new grouting Up to 9.99Lm	m	\$ 15.00	\$ 25.00	\$ 58.50	\$ 94.25	\$ 185.00	\$ 270.00	\$ 98.00	\$ 119.00	\$ 45.00	\$ 240.00
9	Replacement of grouting between pavers: Supply and installation of new grouting from 10Lm and above.	m	\$ 12.00	\$ 20.00	\$ 39.00	\$ 61.75	\$ 150.00	\$ 225.00	\$ 84.00	\$ 139.00	\$ 39.00	\$ 240.00
Removal, disposal and replacing with asphalt any number of channel units altogether to a maximum of 9.99m (this applies items 10, 11, 12 & 13 below)												
10	Remove and disposal of existing channel.	m	\$ 75.11	\$ 138.67	\$ 82.75	\$ 143.88	\$ 240.00	\$ 336.00	\$ 158.00	\$ 221.00	\$ 100.00	\$ 160.00
11	Supply and Installation of 100mm thicklift asphalt.	m	\$ 65.83	\$ 87.78	\$ 91.00	\$ 128.38	\$ 110.00	\$ 180.00	\$ 186.00	\$ 167.00	\$ 571.43	\$ 1,142.86
12	Sawcut and removal of asphalt to create neat joint between new and existing asphalt.	m	\$ 18.79	\$ 28.18	\$ 19.50	\$ 35.75	\$ 130.00	\$ 180.00	\$ 20.00	\$ 27.00	\$ 35.00	\$ 56.00
13	Supply and installation of 30mm red and black asphalt wearing course 300mm wide.	m ²	\$ 350.00	\$ 525.00	\$ 57.85	\$ 85.48	\$ 250.00	\$ 350.00	\$ 186.00	\$ 208.00	\$ 285.71	\$ 571.43
Removal, disposal and replacing with asphalt any number of channel units altogether with a total length between 10 to 49.9m (this applies to items 14, 15, 16 & 17 below)												
14	Remove and disposal of existing channel.	m	\$ 46.80	\$ 86.40	\$ 83.65	\$ 133.18	\$ 220.00	\$ 308.00	\$ 120.00	\$ 165.00	\$ 90.00	\$ 144.00
15	Supply and Installation of 100mm thicklift asphalt.	m	\$ 42.66	\$ 56.88	\$ 91.00	\$ 128.38	\$ 100.00	\$ 140.00	\$ 168.00	\$ 229.00	\$ 133.33	\$ 266.67
16	Sawcut and removal of asphalt to create neat joint between new and existing asphalt.	m	\$ 18.79	\$ 28.18	\$ 19.50	\$ 35.75	\$ 110.00	\$ 154.00	\$ 18.00	\$ 25.00	\$ 30.00	\$ 48.00
17	Supply and installation of 30mm red and black asphalt wearing course 300mm wide.	m ²	\$ 112.50	\$ 142.50	\$ 57.85	\$ 85.48	\$ 220.00	\$ 308.00	\$ 141.00	\$ 181.00	\$ 66.67	\$ 133.33
Removal, disposal and replacing with asphalt any number of channel units with a length greater than 50m altogether (this applies to items 19, 20, 21 & 22 below)												
19	Remove and disposal of existing channel.	m	\$ 44.95	\$ 67.27	\$ 75.33	\$ 116.54	\$ 89.00	\$ 135.00	\$ 92.00	\$ 123.00	\$ 80.00	\$ 128.00
20	Supply and Installation of 100mm thicklift asphalt.	m	\$ 36.97	\$ 51.19	\$ 87.75	\$ 115.38	\$ 80.00	\$ 125.00	\$ 141.00	\$ 184.00	\$ 80.00	\$ 160.00
21	Sawcut and removal of asphalt to create neat joint between new and existing asphalt.	m	\$ 18.79	\$ 28.18	\$ 15.60	\$ 32.50	\$ 90.00	\$ 135.00	\$ 16.00	\$ 21.00	\$ 25.00	\$ 40.00
22	Supply and installation of 30mm red and black asphalt wearing course 300mm wide.	m ²	\$ 48.75	\$ 67.50	\$ 57.85	\$ 85.48	\$ 110.00	\$ 165.00	\$ 95.00	\$ 77.00	\$ 40.00	\$ 80.00

SCHEDULE 7

NOTE:

Tenderer shall price the above items keeping the Unit price requested.

SCHEDULE 8

**FOR THE PROVISION OF SPECIALISED MAINTENANCE/REINSTATEMENT OF GRANITE/STONE
FOOTPATHS, KERBS, CHANNELS, ROAD PAVEMENTS AND ASSOCIATED WORKS FOR THE CITY OF
PERTH - TENDER No. 035 - 16/17**

APPLIES TO AREAS WITHIN FLEXIBLE PAVEMENT (For any type of granite/stone)

			Lightning Brick Pavers	BOS	Pave WA	Civcon	HCC
ITEM	DESCRIPTION/ACTIVITY	UNIT	RATE	RATE	RATE	RATE	RATE
1	Lift and relay of existing footpath pavers (450 X 300 X 75 mm and 148 x 148 x 40 mm). Including supply of river bed sand up to 40mm depth for relaying works, supply, installation and compaction of "pave lok" or similar approved product in the Mall as specified by City's Representative.	m ²	\$ 108.50	\$ 87.74	\$ 127.00	\$ 119.00	\$ 162.96
2	Lift and relay of existing road pavers (300 x 150 x75 mm). Including supply of river bed sand up to 40mm for relaying works, supply, installation and compaction of "pave lok" or similar approved product in the Mall as specified by City's Representative.	m ²	\$ 108.50	\$ 82.28	\$ 137.00	\$ 294.00	\$ 162.96
3	Rectification of an area of limestone base under footpath pavers (if required). Including supply of 19mm limestone for the base. Area to be approved by the City's Representative prior to rectification.	m ³	\$ 160.00	\$ 64.42	\$ 75.00	\$ 294.00	\$ 450.00
4	Rectification of headers along carriageway and/or footpath (single or double paver). Includes removal and disposal of paver, re-levelling, re-cutting of any paver to keep to bond. <i>Note: this item will be paid measuring the lineal meters along the header.</i>	m	\$ 155.00	\$ 85.54	\$ 145.00	\$ 168.00	\$ 600.00
	Rectification of drainage channel (two pavers wide). Includes removal and disposal of damaged paver, re-levelling, re-cutting of any paver to keep to bond. Adhesive: to be used in accordance with City of Perth Design and Construction Notes 10.11 "Parex Davco SE7 with 50/50 Davelastic mix with water, or approved equivalent (applied as per manufacturers' specification). <i>Note: this item will be paid measuring the lineal meters along the header.</i>	m	\$ 185.00	\$ 158.60	\$ 175.00	\$ 224.00	\$ 900.00
5	Rectification of pit lids (all dimensions) - Including: re-levelling with cement bed, removal and disposal of any damaged paving, and re-cutting of any 148 x 148 pavers to keep to bond the existing paving as per D&C notes 10.11 <i>Note: this item will be paid measuring the lineal meters (perimeter) around the pit.</i>	m	\$ 185.00	\$ 85.63	\$ 210.00	\$ 259.00	\$ 125.00
6	Supply and installation of "Pave lok" or similar approved product to repavelok the joints between pavers.	m ²	\$ 15.00	\$ 9.10	\$ 44.00	\$ 105.00	\$ 7.00
PROVISIONAL ITEMS - FLEXIBLE PAVEMENT			UNIT	RATE	RATE	RATE	RATE
1	Removal and re-installation of Bollards. (Re-installation with 50mm x 10mm stainles steel Dynabolt)	No	\$ 295.00	\$ 39.00	\$ 400.00	\$ 323.00	\$ 280.00
2	Removal and re-installation of Litter Bins. (Re-installation with 50mm x 10mm stainles steel Dynabolt)	No	\$ 295.00	\$ 45.50	\$ 400.00	\$ 397.00	\$ 280.00
3	Removal and re-installation of Bike Racks. (Re-installation with 50mm x 10mm stainles steel Dynabolt)	No	\$ 295.00	\$ 39.00	\$ 400.00	\$ 323.00	\$ 280.00

NOTE:
Tenderer shall price the above items keeping the Unit price requested.

**FOR THE PROVISION OF SPECIALISED MAINTENANCE/REINSTATEMENT OF
GRANITE/STONE FOOTPATHS, KERBS, CHANNELS, ROAD PAVEMENTS
AND ASSOCIATED WORKS FOR THE CITY OF PERTH - TENDER No. 035 -
16/17**

**ROAD TRAFFIC MANAGEMENT SERVICES - STANDARD RATES FOR NORMAL
AND OUT OF HOURS**

Item	Description	Lighting Brick Pavers		BOS		Pave WA		Civcon		HCC	
		Monday to Friday 6:00am to 7:00pm	Sunday to Thursday 6:00pm to 4:00am	Monday to Friday 6:00am to 7:00pm	Sunday to Thursday 6:00pm to 4:00am	Monday to Friday 6:00am to 7:00pm	Sunday to Thursday 6:00pm to 4:00am	Monday to Friday 6:00am to 7:00pm	Sunday to Thursday 6:00pm to 4:00am	Monday to Friday 6:00am to 7:00pm	Sunday to Thursday 6:00pm to 4:00am
		RATE \$ (Excluding GST)	RATE \$ (Excluding GST)	RATE \$ (Excluding GST)	RATE \$ (Excluding GST)	RATE \$ (Excluding GST)	RATE \$ (Excluding GST)	RATE \$ (Excluding GST)	RATE \$ (Excluding GST)	RATE \$ (Excluding GST)	RATE \$ (Excluding GST)
1	1 Person	\$ 60.00	\$ 84.00	\$ 63.25	\$ 74.75	\$ 70.00	\$ 91.00	71.00	\$ 110.00	\$ 64.00	\$ 96.00
2	2 Person	\$ 110.40	\$ 146.83	\$ 109.25	\$ 126.50	\$ 120.00	\$ 156.00	118.00	\$ 199.00	\$ 111.60	\$ 174.00
3	3 Person	\$ 177.60	\$ 236.21	\$ 172.50	\$ 201.25	\$ 170.00	\$ 221.00	183.00	\$ 258.00	\$ 176.40	\$ 270.00
4	4 Person	\$ 220.80	\$ 293.66	\$ 218.50	\$ 253.00	\$ 220.00	\$ 286.00	234.00	\$ 326.00	\$ 223.20	\$ 348.00
5	Each Additional Person	\$ 60.00	\$ 84.00	\$ 46.00	\$ 57.50	\$ 50.00	\$ 65.00	70.00	\$ 139.00	\$ 46.80	\$ 78.00
	Overnight, Public Holidays and Weekends										
6	1 Person	\$ 84.00	\$ 84.00	\$ 74.75	\$ 74.75	\$ 95.00	\$ 114.00	110.00	\$ 110.00	\$ 96.00	\$ 96.00
7	2 Person	\$ 146.83	\$ 146.83	\$ 126.50	\$ 126.50	\$ 155.00	\$ 186.00	181.00	\$ 181.00	\$ 174.00	\$ 174.00
8	3 Person	\$ 236.21	\$ 236.21	\$ 201.25	\$ 201.25	\$ 215.00	\$ 258.00	258.00	\$ 258.00	\$ 270.00	\$ 270.00
9	4 Person	\$ 293.66	\$ 293.66	\$ 253.00	\$ 253.00	\$ 280.00	\$ 336.00	327.00	\$ 327.00	\$ 348.00	\$ 348.00
10	Each Additional Person	\$ 84.00	\$ 84.00	\$ 57.50	\$ 57.50	\$ 60.00	\$ 72.00	199.00	\$ 199.00	\$ 78.00	\$ 78.00
	Emergency Callout										
11	Three person crew, vehicle, signs, barriers, associated equipment.	\$ 222.00	\$ 295.26	\$ 201.25	\$ 201.25	\$ 170.00	\$ 270.00	311.00	\$ 311.00	\$ 270.00	\$ 270.00
12	Minimum number of hours	4.00	4.00			4.00	4.00	5	\$ 5.00	\$ 4.00	4
	Traffic Management Plans										
13	Minor Works	\$ 715.00	\$ 715.00	\$ 690.00		\$90 per hour	\$ 90 per hour	840.00	\$ 840.00	\$ 400.80	
14	General Works	\$ 715.00	\$ 715.00	\$ 977.50		\$90 per hour	\$ 90 per hour	1,680.00	\$ 1,680.00	\$ 854.40	As per day rates
15	Major/Complex Works	\$ 2,475.00	\$ 2,475.00	\$ 2,127.50		\$90 per hour	\$ 90 per hour	2,520.00	\$ 2,520.00	\$ 1,281.60	
	Additional Equipment										
16	Flashing Arrow	\$ 90.00	\$ 90.00	\$ 57.50		\$75 per shift	\$ 75 per shift	38.00	\$ 38.00	\$ 70.80	
17	Variable Message Board - Single Colour LED	\$ 180.00	\$ 180.00	\$ 92.00		\$165 per shift	\$ 165 per shift	28.00	\$ 28.00	\$ 132.00	As per day rates
18	Variable Message Board - Multi Colour LED	\$ 180.00	\$ 180.00	\$ 126.50		\$115 per shift	\$ 165 per shift	33.00	\$ 33.00	\$ 132.00	
19	Light Tower	\$ 240.00	\$ 240.00	\$ 126.50		\$175 per shift	\$ 275 per shift	27.00	\$ 27.00	\$ 132.00	

SCHEDULE 9

SCHEDULE 10

**FOR THE PROVISION OF SPECIALISED MAINTENANCE/REINSTATEMENT OF
GRANITE/STONE FOOTPATHS, KERBS, CHANNELS, ROAD PAVEMENTS AND
ASSOCIATED WORKS FOR THE CITY OF PERTH - TENDER No. 035 - 16/17**

**MODIFICATIONS TO GRANITE/STONE HYDRANT PIT LIDS - LOCATED IN VARIOUS AREAS
(WITHIN RIGID AND FLEXIBLE PAVEMENT)**

ITEM	DESCRIPTION/ACTIVITY	UNIT	Lightning Brick Pavers	BOS	Pave WA	Civcon	HCC
			RATE	RATE	RATE	RATE	RATE
1	MODIFICATIONS TO 21 GRANITE/STONE HYDRANT PIT LIDS - (21 Pit Lids as follows: 9 in St. Georges Terrace; 5 in Hay Street Mall; 6 in Murray Street Mall; and 1 in Northbridge Piazza) As per drawings: 15055 - U - UP - 01 Rev B; 15055 - U - UP - 02 Rev A; 15055 - U - UP - 03 Rev B; 15055 - U - DT - 01 Rev A; 15055 - U - DT - 02 Rev A; 15055 - U - DT - 03 Rev A; and 15055 - U - DT - 04 Rev A Lump sum price to include permits, all necessary material, equipment and resources to replace 21 existing hydrant/valves pit lids: * Cutting of granite/stone paving within and around pit lids (as per drawing), removal and disposal of material. * Carefully take up existing granite/stone pavers and set aside for re-use. * Remove existing pit lid, concrete slab and brick collar. * Cut, removal and disposal concrete slab to allow existing lid to be removed. * Fitting of new lids into place over existing hydrant. * Supply and install standard cast iron hydrant cover and frame; Water Corp drawing AQ71-1-2 * Reinstatement of fibre concrete slab for each replaced lid including dowels. * Install new brick collar, one brick high, bedded on mortar. * Relay granite/stone paving around each lid, if old paving cannot be used the City will provide new granite/stone paving.	Lump Sum Rate	\$ 38,842.40	\$ 22,879.43	\$ 103,000.00	\$ 30,884.00	\$ 49,750.00
PROVISIONAL ITEMS - RIGID PAVEMENT			UNIT	RATE	RATE	RATE	RATE
2	MODIFICATIONS TO GRANITE/STONE HYDRANT PIT LIDS - (Various locations within rigid pavement - Rate per pit) As per drawings: 15055 - U - DT - 01 Rev A; and 15055 - U - DT - 04 Rev A Lump sum price to include permits, all necessary material, equipment and resources to replace 21 existing hydrant/valves pit lids: * Cutting of granite/stone paving within and around pit lids (as per drawing), removal and disposal of material. * Carefully take up existing granite/stone pavers and set aside for re-use. * Remove existing pit lid, concrete slab and brick collar. * Cut, removal and disposal concrete slab to allow existing lid to be removed. * Fitting of new lids into place over existing hydrant. * Supply and install standard cast iron hydrant cover and frame; Water Corp drawing AQ71-1-2 * Reinstatement of fibre concrete slab for each replaced lid including dowels. * Install new brick collar, one brick high, bedded on mortar. * Relay granite/stone paving around each lid, if old paving cannot be used the City will provide new granite/stone paving.	No	\$ 2,375.90	\$ 1,141.38	\$ 6,650.00	\$ 1,624.00	\$ 3,600.00
PROVISIONAL ITEMS - FLEXIBLE PAVEMENT			UNIT	RATE	RATE	RATE	RATE
3	MODIFICATIONS TO GRANITE/STONE HYDRANT PIT LIDS - (Various locations within flexible pavement - Rate per pit) As per drawings: 15055 - U - DT - 02 Rev A; and 15055 - U - DT - 03 Rev A Lump sum price to include permits, all necessary material, equipment and resources to replace 21 existing hydrant/valves pit lids: * Cutting of granite/stone paving within and around pit lids (as per drawing), removal and disposal of material. * Carefully take up existing granite/stone pavers and set aside for re-use. * Remove existing pit lid, concrete slab and brick collar. * Cut, removal and disposal concrete slab to allow existing lid to be removed. * Fitting of new lids into place over existing hydrant. * Supply and install standard cast iron hydrant cover and frame; Water Corp drawing AQ71-1-2 * Reinstatement of fibre concrete slab for each replaced lid including dowels. * Install new brick collar, one brick high, bedded on mortar. * Relay granite/stone paving around each lid, if old paving cannot be used the City will provide new granite/stone paving.	No	\$ 1,524.90	\$ 1,141.38	\$ 3,000.00	\$ 1,327.00	\$ 1,250.00

CONFIDENTIAL SCHEDULE 11, 12, 13, 14, 15 & 16
ITEM 4 - TENDER 035 - 16/17 PROVISION OF
SPECIALISED MAINTENANCE/REINSTATEMENT OF
GRANITE/STONE FOOTPATHS, KERBS, CHANNELS,
ROAD PAVEMENTS AND ASSOCIATED WORKS FOR THE
CITY OF PERTH

FOR THE WORKS & UBRAN DEVELOPMENT COMMITTEE
MEETING

29 NOVEMBER 2016

DISTRIBUTED TO ELECTED MEMBERS UNDER
SEPARATE COVER