

#### 4.6 2022/23 MONASH TENDER FOR DUERDIN STREET BRIDGE REHABILITATION WORKS (CF2023089: MB)

Responsible Director: Jarrod Doake – Director City Services

##### **RECOMMENDATION\***

*That Council:*

- 1. Awards the tender from Jaydo Construction Pty Ltd for Duerdin Street Bridge Rehabilitation Contract No. 2023089 for the fixed Lump Sum Price of \$1,447,519.70 with an extra \$185,980.30 for Contingencies and \$4,400.00 for Provisional Items;*
- 2. Authorises the Chief Executive Officer to execute the contract agreement;*
- 3. Notes that the contract is anticipated to commence on 15 April 2023 and the expected completion date is 29 September 2023; and*
- 4. Notes that the anticipated project expenditure including the fixed Lump Sum, Project Management & Delivery Fees, Utility/Authority fees and Provisional Items is \$1,552,019.70 with \$185,980.30 for Contingencies; and*
- 5. Approves additional funding of \$253,000 required for this project.*

*(\*Please note that all dollar figures are GST Inclusive unless stated otherwise).*

##### **INTRODUCTION**

Council has conducted a tender for CF2023089 – Duerdin Street Bridge Rehabilitation

As part of its planning process for this tender, Council Officers considered its procurement options, including whether to go to market itself, participate in regional or sector collaboration or to access established contracts via other compliant Procurement agreements. Due to the site-specific complexities of this project which are unique to the city of Monash, it was decided to procure this project independently.

##### **BACKGROUND**

Condition audits of the bridges, major culverts, stairs and retaining walls were undertaken in 2015 and 2016. Duerdin Street bridge was subjected to a Level 3 inspection and Load Rating Assessment against nominated Rating Vehicles. The inspection has identified failures in the existing structure which require the bridge to be renewed. The bridge is also being upgraded to current design standard loadings. Minor repair works were undertaken approximately 18 months ago to address

immediate areas of concern to ensure current safety of the structure until the full renewal of the bridge is undertaken.

The Duerdin Street bridge forms a significant connection, servicing commercial & industrial businesses and carrying heavy vehicle movements including B-Double & over-dimensional vehicles.

The works include replacement of the existing crown Box Culvert 2700 x 1200 bridge, including reconstruction of road pavement, footpath, drainage, and associated reinstatement works.

### NOTIFICATION

A public notice was placed in The Age newspaper on 17 December 2022 and the tender closed on 20 January 2023.

### TENDERS RECEIVED

Two tender submissions were received by the appointed closing time. The tenders received are listed below:

TENDERERS SUBMITTED	
1	Ace Infrastructure Pty Ltd
2	JAYDO Construction Pty Ltd

### TENDER CONFORMANCE:

All submissions were accessed for their compliance with the tender conditions including the contractual terms and conditions and the requirements of the response schedules.

All tender submissions were deemed conforming.

The tenders were then further evaluated as per the agreed evaluation criteria.

### TENDER EVALUATION

All members of the evaluation panel signed Conflict of Interest and Confidentiality forms and no conflicts were raised.

The tenderers were assessed in accordance with the evaluation criteria published in the tender documentation:

Pass/Fail Assessment Criteria	Score
Quality Systems (if applicable)	Pass/Fail
OHS	Pass/Fail
Mandatory Insurances (if applicable)	Pass/Fail

KEY SELECTION CRITERIA		CRITERIA WEIGHTINGS	SUB WEIGHTINGS	SUB CRITERIA/RETURNABLE SCHEDULES LINK
40% NON-PRICE CRITERIA	Capacity and Capability	20%	7%	Experience
			6%	Resources
			7%	Risk Management and Legal Compliance
	Project Timelines	10%	5%	Start and Completion timeframe
			5%	Proposed Program
	Sustainability (Mandatory)	10%	8%	Environmental Sustainability
			1%	Local Sustainability
			1%	Social Sustainability
	PRICE (50%)	Price*	60%	60%

## DISCUSSION

The two conforming tender submissions were assessed against the tender evaluation criteria (including the price and non-price evaluation criteria).

The Tender Evaluation Panel (TEP) compared the relevant experience of the tenderers and both Tenderers demonstrated relevant experience with bridge rehabilitation projects and are capable of delivering this contract.

The TEP discussed the following items with the two tenderers at the interview:

- Resources and Experience
- Risk Management, Traffic Management and Stakeholders Management
- Construction Methodology
- Materials supply and alternatives
- Commencement and construction timeframe

During interviews both Contractors demonstrated a good understanding of the proposed works and provided good management systems for every aspect of the project. They highlighted several key risks associated with the construction particularly the long lead times associated with concrete pipe and culverts supply, protection of existing services and management of potential flood during construction. Both have previously delivered projects of similar nature and size for other Councils.

An independent financial assessment was also conducted for Jaydo Construction Pty Ltd with a positive response indicating a very strong financial capacity to undertake this contract.

The submission from Jaydo Construction Pty Ltd was of a high quality and referee checks confirmed they have the expertise, resources, and proven track records to deliver the proposed works. Referees also highlighted Jaydo Construction Pty Ltd's ability to problem solve and work within the budget, as well as providing good quality products and a project team with good communication skills.

As such, the evaluation panel recommends Jaydo Construction Pty Ltd as representing the best value outcome and the lowest risk for Council.

### FINANCIAL IMPLICATIONS

PROJECT BUDGET ALLOCATION	GST exclusive	GST inclusive
<b>Project C09374 – Duerdin Street Bridge Rehabilitation</b>	\$900,000	\$990,000
<b>Federal Government Grant</b>	\$450,000	\$495,000
<b>TOTAL INCOME</b>	<b>\$1,350,000</b>	<b>\$1,485,000</b>

Estimated Project Expenditure Based Upon Jaydo Construction Pty Ltd's Submission		
Lump Sum Price	\$1,315,927	\$1,447,519.70
Contingency	\$169,073	\$185,980.30
Project Delivery & Management Fees	\$36,000	\$39,600
Service Utility and Authority Fees	\$55,000	\$60,500
Provisional Items	\$4,000	\$4,400
<b>ANTICIPATED PROJECT EXPENDITURE</b>	<b>\$1,580,000</b>	<b>\$1,738,000</b>

The project budget also includes \$450,000 of Federal Government Grant Funding through the "Bridges Renewal Program, Heavy Vehicle Safety and Productivity Program".

There is an overall budget shortfall of \$230,000 (GST excl.). The increased cost of this project is reflective of construction industry wide escalation in costs being experienced across Australia.

There have been significant increases in raw material and fuel/energy costs, longer manufacturing lead times, and skilled labour supply shortages which have all impacted project costs.

The additional funding required for this project will be managed within delivery of the overall 2022/23 Capital Works Program.

## **SUSTAINABILITY OUTCOMES**

As part of Council's commitment to sustainability this project involves the use of:

### 1. Environmental Sustainability:

Where possible the Contractor will:

- Implement Construction practices to reduce emissions and waste;
- Plan logistic processes to optimise deliveries to reduce mileage, emissions and the carbon footprint;
- Operate Plant and Equipment in an energy efficient manner that is safe for the environment;
- Recycling of materials on site where possible and at the approval of the client;
- Sourcing materials ethically and ensuring labour standards and fair humanitarian practices are in place throughout the Supply Chain.

### 2. Local Sustainability:

Although not a local contractor, they will seek to employ from local area and source materials from within Monash Council area where practical and available.

## **CONCLUSION**

That Council approves the recommendations contained within this report.