

ITEM 15

TENDER T21/03 - CULVERT REFURBISHMENT WORKS AT 153 CAMPBELL STREET, WOONONA

This report recommends acceptance of a tender for Culvert Refurbishment works at 153 Campbell Street, Woonona in accordance with the requirements of the Local Government Act 1993 and the Local Government (General) Regulation 2005.

The reason for this tender is to engage a contractor to undertake refurbishment works to the culvert and upstream open channel to rectify major defects with the existing open channel and culvert floors. The works will also include repair works to the culvert walls.

### RECOMMENDATION

- 1 In accordance with clause 178(1)(a) of the Local Government (General) Regulation 2005, Council accept the tender of Donnelley Civil Pty Ltd for Culvert Refurbishment works at 153 Campbell Street, Woonona, in the sum of \$231,953.10, excluding GST.
- 2 Council delegate to the General Manager the authority to finalise and execute the contract and any other documentation required to give effect to this resolution.
- 3 Council grant authority for the use of the Common Seal of Council on the contract and any other documentation, should it be required, to give effect to this resolution.

### REPORT AUTHORISATIONS

Report of: Glenn Whittaker, Manager Project Delivery

Authorised by: Joanne Page, Director Infrastructure + Works - Connectivity Assets + Liveable City (Acting)

### ATTACHMENTS

- 1 Location Plan

### BACKGROUND

Following routine inspections and further detailed investigations the following defects were identified in the 2-cell box concrete culvert located on 153 Campbell Street, Woonona:

- Large sections of the culvert concrete lined floor were degraded with some sections dislodged.
- Concrete deterioration and reinforcement corrosion in the culvert concrete walls mostly in locations where numerous service pipes enter the culvert.
- The adjacent upstream concrete lined channel floor was degraded with some sections dislodged.

Subsequent geotechnical investigations were commissioned in order to guide the remediation design for the culvert and adjoining upstream concrete channel. These investigations resulted in the following scope of works being developed for this project:

- Repair works to the concrete floor of the adjacent upstream concrete lined open channel (approximately 19m long x 3.5m wide). This work will involve demolition of the existing degraded concrete lined floor and construction of a new concrete floor and new walls to be located inside the existing walls.
- Repair works to the concrete floor at each end of the culvert (total repair area approximately 12m long x 3.5m wide). This work will involve demolition of the existing degraded concrete floor and construction of a new concrete floor inclusive of block down piers to improve the structural stability of the culvert.
- Repair works to the culvert walls in six (6) locations. This work will involve hydro demolition works, reinforcement replacement, galvanic anode installation and concrete patching works.

The expected outcomes of undertaking the above work include:

- Improving the structural stability of the culvert and open channel
- Improving the longevity and serviceability of this section of the stormwater drainage system.

Tenders were invited for this project by the open tender method with a close of tenders of 10.00 am on Tuesday, 9 March 2021.

Four (4) tenders were received by the close of tenders and all tenders have been scrutinised and assessed by a Tender Assessment Panel constituted in accordance with Council’s Procurement Policies and Procedures and comprising representatives of the Project Delivery, Infrastructure Strategy and Planning and Governance and Customer Service Divisions.

The Tender Assessment Panel assessed all tenders in accordance with the following assessment criteria and weightings as set out in the formal tender documents:

**Mandatory Criteria**

- 1 Satisfactory references from referees for previous projects of similar size and scope
- 2 Financial assessment acceptable to Council which demonstrates the tenderer’s financial capacity to undertake the works
- 3 As a minimum, WHS Management Systems that comply with AS-NZS 4801:2001 or ISO 45001:2018 and is certified to either of these standards by a JAZ-ANZ accredited company OR WHS Management System accredited by an NSW Government Agency
- 4 Site Inspection – all tenderers to attend a site inspection

**Assessable Criteria**

- 1 Cost to Council – 40%
- 2 Appreciation of scope of works and design and construction methodology – 20%
- 3 Experience and satisfactory performance in undertaking projects of similar size, scope and risk profile including staff qualifications and experience – 15%
- 4 Proposed Sub-Contractors – 5%
- 5 Project Schedule – 5%
- 6 Demonstrated strengthening of local economic capacity – 10%
- 7 Workplace Health and Safety and Environmental Management systems – 5%

The mandatory assessment criteria have been met by the recommended tenderer.

The Tender Assessment Panel utilised a weighted scoring method for the assessment of tenders which allocates a numerical score out of 5 in relation to the level of compliance offered by the tenders to each of the assessment criteria as specified in the tender documentation. The method then takes into account pre-determined weightings for each of the assessment criteria which provides for a total score out of 5 to be calculated for each tender. The tender with the highest total score is considered to be the tender that best meets the requirements of the tender documentation in providing best value to Council. Table 1 below summarises the results of the tender assessment and the ranking of tenders.

TABLE 1 – SUMMARY OF TENDER ASSESSMENT

Name of Tenderer	Ranking
Donnelley Civil Pty Ltd	1
Diverse Civil Contracting Pty Ltd	2
Silver Raven	3
Metropolitan Restorations Pty Ltd	4

## PROPOSAL

Council should authorise the engagement of Donnelley Civil Pty Ltd to carry out the Culvert Refurbishment works at 153 Campbell Street, Woonona in accordance with the scope of works and technical specifications developed for the project.

The recommended tenderer has satisfied the Tender Assessment Panel that it is capable of undertaking the works to Council’s standards and in accordance with the technical specification.

An acceptable financial capability assessment has been received in relation to the recommended tenderer.

Referees nominated by the recommended tenderer have been contacted by the Tender Assessment Panel and expressed satisfaction with the standard of work and methods of operation undertaken on their behalf.

## CONSULTATION AND COMMUNICATION

- 1 Members of the Tender Assessment Panel
- 2 Nominated Referee

## PLANNING AND POLICY IMPACT

This report contributes to the delivery of Our Wollongong 2028 goal 5 “We have a healthy community in a liveable city”. It specifically delivers on the following:

Community Strategic Plan	Delivery Program 2018-2022	Operational Plan 2020-21
Strategy	4 Year Action	Operational Plan Actions
5.5.1 Public facilities in key locations and transport routes are maintained and clean, accessible and inviting to our community and visitors.	5.5.1.2 Manage and maintain community infrastructure portfolio with a focus on asset renewal	Review Council’s Asset Management Plans: Buildings, Recreation, Stormwater, Plant and Vehicles, Transport

## RISK ASSESSMENT

The risk in accepting the recommendation of this report is considered low on the basis that the tender process has fully complied with Council’s Procurement Policies and Procedures and the Local Government Act 1993.

The risk of the project works is considered medium based upon Council’s risk assessment matrix and appropriate risk management strategies will be implemented.

## SUSTAINABILITY IMPLICATIONS

The following sustainability implications have been considered:

- Improved structural integrity and longevity of the structure to increase the lifespan of this section of the stormwater drainage system
- Sustainable procurement by providing open tender to give local companies the opportunity to tender for the work
- Weighting in tender assessment provided for using local services, labour and materials.

## FINANCIAL IMPLICATIONS

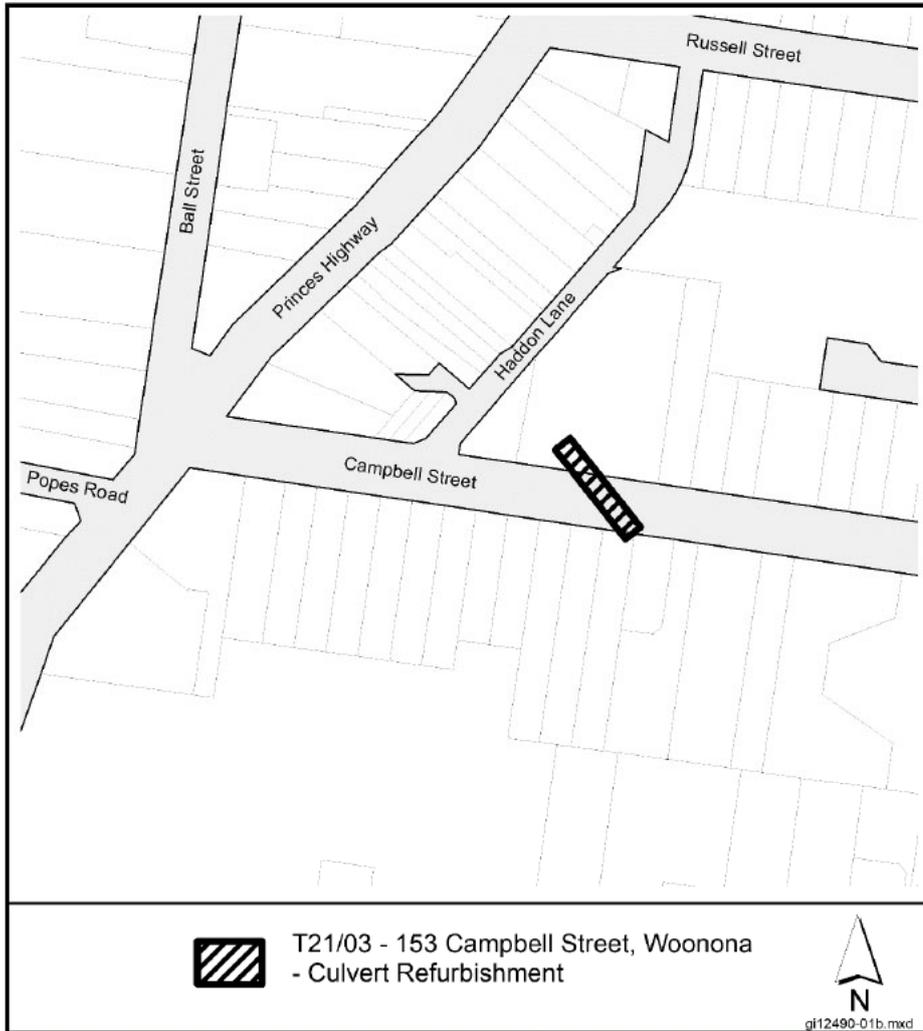
It is proposed that the total project be funded from the following source/s as identified in the Operational Plan –

2020/21 and 2021/22 – Capital Budgets

## CONCLUSION

Donnelley Civil Pty Ltd has submitted an acceptable tender for these works and Council should endorse the recommendations of this report.





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