

**ITEM 10 TENDER T19/43 - CULVERT REPAIRS AT DARKES ROAD, DAPTO - STAGE 2**

This report recommends acceptance of a tender for the Culvert Repairs at Darkes Road, Dapto – Stage 2 in accordance with the requirements of the Local Government Act 1993 and the Local Government (General) Regulation 2005.

Tenders were sought from experienced Contractors for the internal concrete repairs to an existing three cell culvert under Darkes Road at Dapto.

### RECOMMENDATION

- 1 In accordance with clause 178 (1) (a) of the Local Government (General) Regulation 2005, Council accept the tender of Eywad Pty Ltd for Culvert Repairs at Darkes Road, Dapto – Stage 2, in the sum of \$289,198.50, 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: Andrew Carfield, Director Infrastructure + Works - Connectivity Assets + Liveable City

### ATTACHMENTS

- 1 Location Plan

### BACKGROUND

The need for repair and strengthening works was identified by Council staff in order to address the degradation of the existing stormwater infrastructure adjacent to Lot 402 Darkes Road and the Princes Highway, Dapto. Damage and wear to the structure has resulted in concrete spalling away from the reinforcement in some areas leaving the exposed reinforcement to corrode further. Detailed design analysis also determined the structure was considered under strength when compared to current maximum load capacity standards. This assessment informed the proposed detailed design solution which comprises a scope of works including rehabilitation and augmentation (where required) of existing corroded reinforcement, the addition of a 100mm thick reinforced concrete layer to the culvert soffit using shotcreting and general patch repairs to identified areas of degraded concrete and reinforcement. It is expected that the proposed works will prolong the life of the structure without the need for complete replacement.

Works initially commenced in early 2019 in accordance with the scope described above. The walls of two (2) of the three (3) cells of the culvert were completed before microbats were discovered to be roosting within crevices in the soffits of the culvert. These microbats are listed as vulnerable and protected under the Biodiversity Act 2016 which resulted in works being suspended and subsequently termination of the initial contract.

A management plan prepared by a specialist consultant to manage the microbats during construction has now been developed which addresses the timing of works and the creation of alternative habitats both during and after works. Key to the project outcomes is that the works are completed in a timely manner and in conjunction with a specialist Consultant assisting in the management (exclusion) of microbats during construction.

The works for this 'second stage' of the project entails the completion of the repairs to the remaining internal surface of the three (3) cells and specifically includes cleaning and assessment of the internal

culvert surfaces, defective concrete breakout, existing reinforcement cleaning and augmentation, installation of new reinforcement and the application of repair mortar to the internal surfaces.

Tenders were invited for this project by the open tender method with a close of tenders of 10.00 am on Thursday, 19 December 2019.

Seven (7) 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

### **Assessable Criteria**

- 1 Cost to Council – 40%
- 2 Appreciation of Scope of works and construction methodology – 15%
- 3 Experience and satisfactory performance in undertaking projects of similar size, scope and risk profile – 5%
- 4 Staff qualifications and experience – 5%
- 5 Proposed sub-contractors – 5%
- 6 Project schedule – 10%
- 7 Demonstrated strengthening of local economic capacity – 5%
- 8 Workplace Health and Safety Management System – 5%
- 9 Environmental Management Policy and Procedures – 10%

The mandatory assessment criteria has 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 |
|---|---------|
| Eywad Pty Ltd                           | 1       |
| Silver Raven Pty Ltd                    | 2       |
| Donnelley Civil Pty Ltd                 | 3       |
| The RIX Group                           | 4       |
| SRG Global Services (Australia) Pty Ltd | 5       |
| Interflow Pty Ltd                       | 6       |
| Concrete Protection and Repair Services | 7       |

## PROPOSAL

Council should authorise the engagement of Eywad Pty Ltd to carry out the Culvert Repairs at Darkes Road, Dapto – Stage 2 works 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.

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 Referees

## 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 core business activities as detailed in the Infrastructure Planning and Support Service Plan 2019-20.

## 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 or services is considered medium based upon Council's risk assessment matrix and appropriate risk management strategies will be implemented.

## FINANCIAL IMPLICATIONS

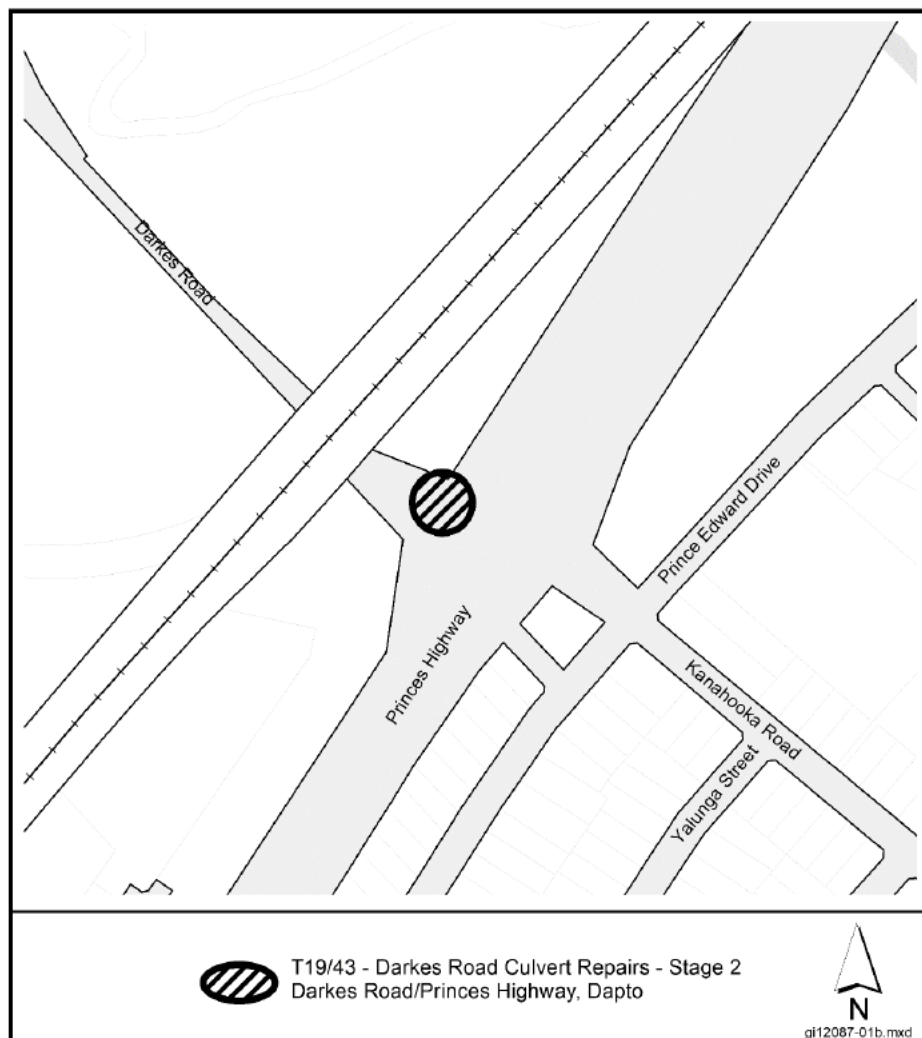
It is proposed that the total project be funded from the following source/s as identified in the Annual Plan –

2019/20 Capital Budget

## CONCLUSION

The recommended tenderer has submitted an acceptable tender for this project and Council should endorse the recommendations of this report.





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