

ITEM 11

TENDER T20/09 - REHABILITATION OF EMBANKMENT SCOURS - KURRABA ROAD, WOONONA

This report recommends acceptance of a tender for Rehabilitation of Embankment Scours at Kurraba Road, Woonona 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 rehabilitation of the earthen embankment scours on the beach side, opposite residence numbers 2 and 4, of Kurraba Road, Woonona.

RECOMMENDATION

- 1 In accordance with clause 178(1)(a) of the Local Government (General) Regulation 2005, Council accept the tender of The RIX Group Pty Ltd for Rehabilitation of Embankment Scours – Kurraba Road, Woonona, in the sum of \$340,840.98, 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: Greg Doyle, General Manager

ATTACHMENTS

- 1 Location Plan

BACKGROUND

The eastern 100m or so of Kurraba Road at Woonona is located on top of the sea cliff in very close proximity to the southern edge of the bank. Slopes down to the rock platform from the edge of road are very steep approaching vertical in places, over a height of around 7m.

In several locations on the southern bank heading to the Collins Rock car park, sandbag revetments of up to 2.4m high had been constructed (perhaps in the 1970's or 1980's) to support the road embankment and provide some scour protection which has to date been relatively successful.

Steps were taken in 2017 to provide a low height asphalt kerb along the southern edge line of Kurraba Road above this and other smaller scour features which successfully redirected water and reduced the acceleration of scours, allowing the necessary time to test, observe and produce the design to install a permanent solution which provides stabilisation and scour protection of the embankment.

The scope of work includes -

- Installation of soil nails and reinforcement to stabilise the embankment
- Placement of a shotcrete face colour matched to the existing embankment
- Reinstatement of the existing guardrail

Tenders were invited for this project by the Open tender method with a close of tenders of 10.00 am on Thursday, 23 April 2020.

Nine (9) 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.

Assessable Criteria

- 1 Cost to Council – 35%.
- 2 Appreciation of Scope of works and construction methodology – 10%.
- 3 Experience and satisfactory performance in undertaking projects of similar size, scope and risk profile – 10%.
- 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 – 10%.
- 8 Environmental Management Policy and Procedures – 10%.

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
The RIX Group Pty Ltd	1
Cadifern Civil	2
Diverse Civil Contracting Pty Ltd (Alternative)	3
Diverse Civil Contracting Pty Ltd	4
Select Civil Pty Ltd	5
GC Civil Contracting Pty Ltd	6
Ledacon Pty Ltd	7
Donnelley Civil Pty Ltd	8
Fortec Australia	Non-Conforming

PROPOSAL

Council should authorise the engagement of The RIX Group Pty Ltd to carry out the Rehabilitation of Embankment Scours 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

The treatment of this section of Kurraba Road is consistent with the recommendations contained within the Wollongong Coastal Zone Management Plan.

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

There are safety, financial and reputational risks that should be considered if Council does not rectify/rehabilitate the scoured embankment. Increased scour and potential loss of embankment are risks which would remain if rehabilitation works are not completed. Consequently, the safety of the public

utilising the road above or the beach below would be at risk. Loss of part of the road surface is included in that risk.

SUSTAINABILITY IMPLICATIONS

Economic sustainability implications are considered relevant to the rehabilitation of the scoured embankment to reduce ongoing maintenance costs of the roadway.

The proposal submitted by the tenderer includes provisions for reuse of the existing Armco railing where suitable.

The design for the rehabilitation works incorporates a “mod rock” finish to the shotcrete which will provide a long-term, low maintenance finished product that also enhances the aesthetic appearance of the embankment.

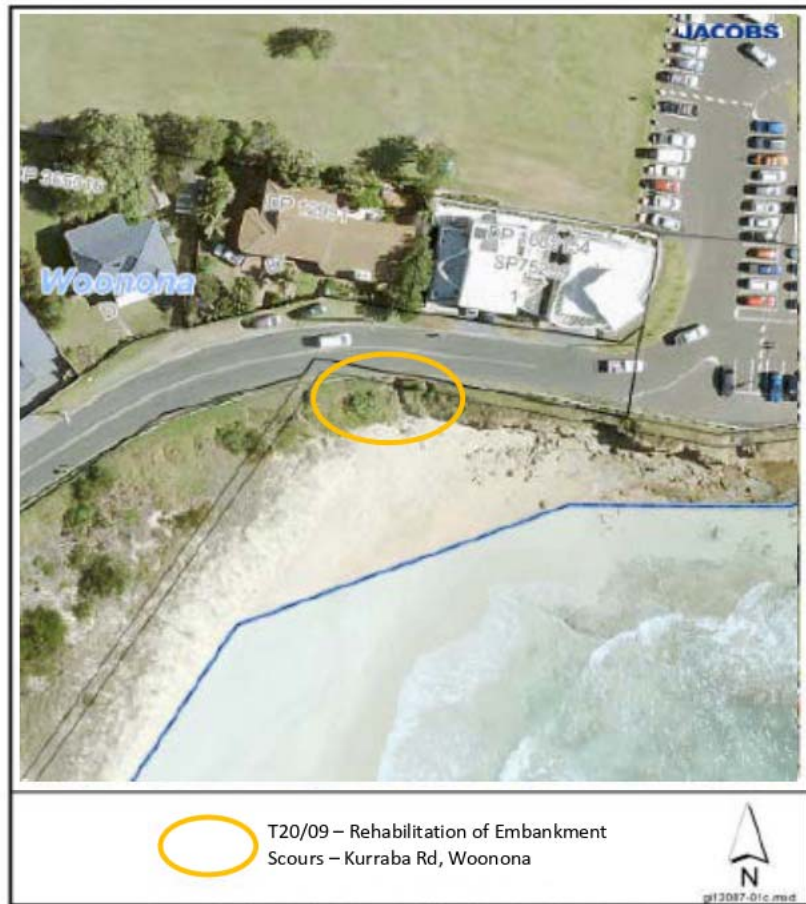
FINANCIAL IMPLICATIONS

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

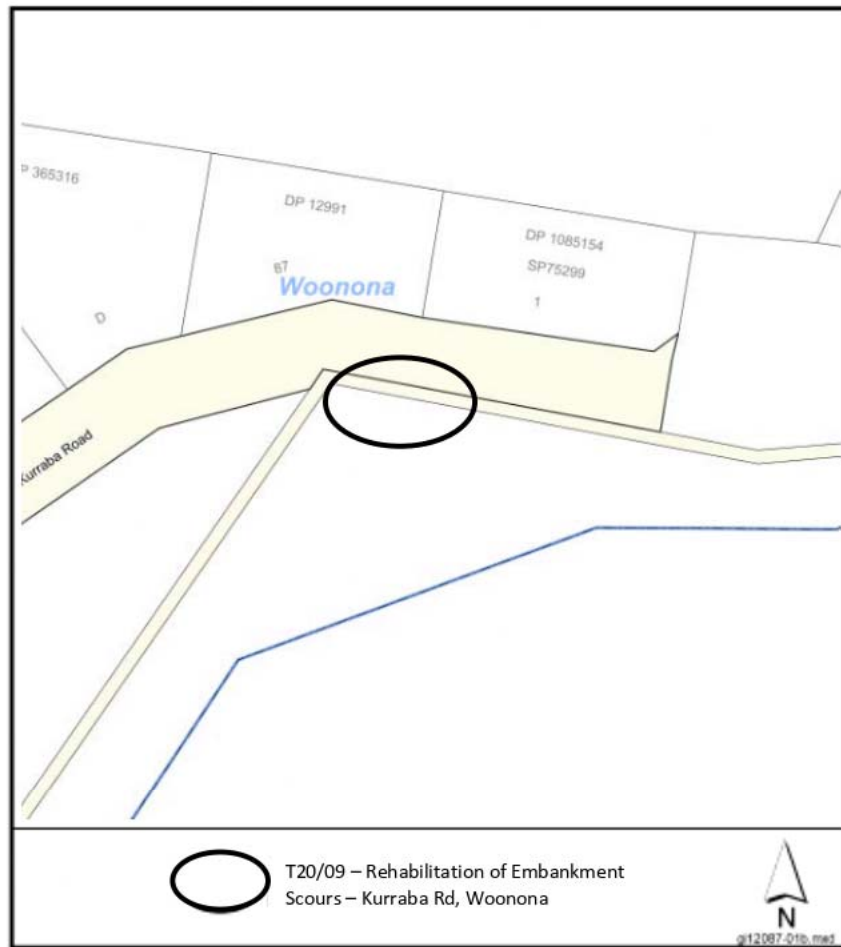
2020/21 Capital Budget

CONCLUSION

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



Wollongong City Council reserves the right to amend the content of this map without notice. The map is for information only and does not constitute a contract. The map is for information only and does not constitute a contract. The map is for information only and does not constitute a contract.



While every effort has been made to ensure the highest possible quality of data, no liability is taken for any errors or omissions in the information shown.

 Copyright © Wollongong 2020 Council Mapping Services Section. This map may not be reproduced or used for any purpose without the written permission of Wollongong City Council.