

ITEM 10 TENDER T1000196 - AUTOMATED IDENTIFICATION AND REPORTING OF TRANSPORT DEFECTS

This report recommends acceptance of a tender for Automated Identification and Reporting of Transport Defects in accordance with the requirements of the *Local Government Act 1993* and the *Local Government (General) Regulation 2021*.

Automated Identification and Reporting of Transport Defects leverages technology to allow Council to transition to the proactive asset management of our road network, improving our service to the community and prolonging the life of transport assets.

RECOMMENDATION

- 1 In accordance with Section 178(1)(a) of the *Local Government (General) Regulation 2021*, Council accept the tender of Retina Visions Pty Ltd for the Automated Identification and Reporting of Transport Defects, in the sum of \$540,000, including GST.
- 2 The contract be awarded for an initial term of 3 years, with 2 optional extensions of 1 year/s each for a maximum term of 5 years. Any such extensions being exercised at the sole discretion of Council.
- 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: Greg Knight, Manager City Works (Acting)
Authorised by: Paul Tracey, Director Infrastructure + Works (Acting)

ATTACHMENTS

There are no attachments for this report.

BACKGROUND

Council is responsible for maintaining and replacing approximately 1,047 kilometres of road assets. Historically, defects on these assets have been managed reactively, typically through customer requests. This approach poses challenges for strategic asset management.

By leveraging computer vision-based technology to report and measure defects on Council's road network, Council can transition to a data-driven approach to road asset maintenance. Smart cameras mounted on our contractor's waste recycling trucks will provide a comprehensive defect report on 89% of Council-managed roads every two (2) weeks.

This unprecedented level of oversight of the entire road network enables Council to enhance customer experience, prioritise the most severe defects, monitor defect degradation over time, and proactively address issues before they become problematic for the community.

Tenders were invited for this project by the Open tender method with a close of tenders at 10.00 am on 15 May 2025

Six (6) tenders were received by the close of tenders and all tenders have been scrutinised and evaluated by a Tender Evaluation Panel constituted in accordance with Council's Procurement Policies and Procedures and comprising representatives of the Information Management and Technology, City Works, Infrastructure and Works Divisions, Procurement and Supply and Governance representatives.

The Tender Evaluation Panel evaluated all tenders in accordance with the following Evaluation 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 Tenderer must be a pre-qualified Advanced Supplier under Buy NSW ICT Services Scheme
- 3 Proposed solution to be delivered as a Software as a Service (SaaS) solution
- 4 Tenderer has, or are willing to have integration relationship with TechnologyOne (OneCouncil)
- 5 The proposed solution meets the requirements identified as mandatory in Contract Specification (Schedule B)

Evaluation Criteria

- 1 Cost to Council – 45%
- 2 Demonstrated strengthening of local economic capacity – 10%
- 3 Degree of compliance with the specification – 25%
- 4 Demonstrated expertise and experience – 10%
- 5 Proposed delivery plan and methodology – 10%

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

The Tender Evaluation Panel utilised a weighted scoring method for the evaluation 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 evaluation criteria as specified in the tender documentation. The method then takes into account pre-determined weightings for each of the evaluation 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 evaluation and the ranking of tenders.

TABLE 1 – SUMMARY OF TENDER ASSESSMENT

Name of Tenderer	Ranking
Retina Visions Pty Ltd	1
Future Data Sense Technologies Pty Ltd T/A Fedasen	2
Working Three Pty Ltd T/A Alyve Technology	3
Vaisala Pty Ltd	NON CONFORMING
RoadMetrics Ltd	NON CONFORMING
AsBuilt Australia Pty Ltd	NON CONFORMING

PROPOSAL

Council should authorise the engagement of Retina Visions Pty Ltd to carry out the Automated Identification and Reporting of Transport Defects in accordance with the scope of works and technical specifications developed for the project.

The recommended tenderer has satisfied the Tender Evaluation 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 Evaluation 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 Evaluation Panel
- 2 Nominated Referees

PLANNING AND POLICY IMPACT

This report contributes to the delivery of Our Wollongong Our Future 2032 Goal 4 “We are a connected and engaged community”. It specifically delivers on the following:

Community Strategic Plan 2032	Delivery Program 2022-2026
Strategy	Service
4.1 Provide our community with equitable access to information and opportunities to inform decision-making.	Infrastructure Strategy & Support Information Management & Technology
4.8 Council’s resources are managed effectively to ensure long term financial sustainability.	

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 low based upon Council’s risk assessment matrix and appropriate risk management strategies will be implemented.

SUSTAINABILITY IMPLICATIONS

This tender recommendation has positive sustainability implications including:

- Promoting more efficient and improved service delivery through innovation – reporting of defects moving from manual to automated process.
- Demonstrating potential efficiencies to be gained through service delivery – proactive, strategic management of assets.
- Sustainability outcomes (environmental and economic) to be achieved through Council’s engagement with its suppliers, vendors and partners – utilising existing routes travelled by Remondis recycling trucks.

FINANCIAL IMPLICATIONS

It is proposed that these security services will continue to be funded from Councils operating budget as identified in the Operational Plan.

CONCLUSION

Council should endorse the recommendations of this report.