

ITEM 13

TENDER T21/13 - REVIEW OF COLLINS CREEK FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

This report recommends acceptance of a tender for the Review of the Collins Creek Floodplain Risk Management Study and Plan in accordance with the requirements of the Local Government Act 1993 and the Local Government (General) Regulation 2005.

The work to be performed includes the development of an updated floodplain risk management plan for the Collins Creek catchment which covers approximately 14 square kilometres across the suburbs of Bulli, Woonona, Russell Vale, Bellambi and Corrimal.

RECOMMENDATION

- 1 In accordance with clause 178(1)(a) of the Local Government (General) Regulation 2005, Council accept the tender of Catchment Simulation Solutions Pty Ltd for the Review of the Collins Creek Floodplain Risk Management Study and Plan, in the sum of \$146,396, 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: Trish McClure, Manager Infrastructure Strategy + Planning
Authorised by: Joanne Page, Director Infrastructure + Works - Connectivity Assets + Liveable City (Acting)

ATTACHMENTS

- 1 Catchment Area Collins Creek

BACKGROUND

The Collins Creek catchment is approximately 14 square kilometres in area and drains the suburbs of Bulli, Woonona, Russell Vale, Bellambi and Corrimal.

The overall catchment incorporates the following five smaller sub-catchments:

- Bellambi Lake
- Bellambi Gully
- Farrahars Creek
- Collins Creek and
- Whartons Creek

The upper reaches of the streams that drain each sub-catchment are fed by runoff which originates from the heavily vegetated escarpment area to the west, which has an average elevation of between 350-400m Australian Height Datum (AHD). The middle to lower reaches of the streams flow through flatter urban areas before ultimately discharging to the ocean in the east.

A number of major transport links pass through the lower catchment including the Princes Highway, Memorial Drive and the South Coast Railway – Refer attachment 1.

The overall objective of the Floodplain Risk Management Study and Plan is to review Council's current Floodplain Risk Management Study and Plan (2014) and develop an updated floodplain risk management plan for the overall Collins Creek catchment. As part of this project, a flood study using the Australian Rainfall and Runoff (ARR) 2019 guidelines and Council's local guidance will be undertaken to

delineate the nature and extent of flooding. Following the flood study, a comprehensive evaluation of management options with respect to existing and future development will be carried out to determine an appropriate floodplain risk management plan for adoption by Council.

Tenders were invited for this project by the open tender method with a close of tenders of 10.00 am on 13 May 2021.

Three 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 following Divisions:

- Infrastructure Strategy and Planning
- Governance and Customer Service
- Community Engagement
- Department of Planning, Industry and Environment (DPIE).

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

No	Criteria	Weighting (%)
1	Cost to Council	30
2	Company experience, team qualifications and experience	15
3	Proposed methodology and use of sub-contractors	30
4	Project Schedule	10
5	Demonstrated quality management systems and WH&S policies and procedures	5
6	Demonstrated strengthening of local economic capacity	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
Catchment Simulation Solutions Pty Ltd	1
Royal HaskoningDHV	2
Umwelt (Australia) Pty Ltd	3

PROPOSAL

Council should authorise the engagement of Catchment Simulation Solutions Pty Ltd to carry out the Review of the Collins Creek Floodplain Risk Management Study and Plan 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 consisting of representatives from:

- Infrastructure Strategy and Planning
- Governance and Customer Service
- Community Engagement
- Department of Planning, Industry and Environment (DPIE).

2 Nominated Referees

PLANNING AND POLICY IMPACT

This report contributes to the delivery of Our Wollongong 2028 goal "We Value and Respect Our Environment". It specifically delivers on the following:

Community Strategic Plan	Delivery Program 2018-2021	Operational Plan 2020-21
Strategy	3 Year Action	Operational Plan Actions
1.1.3 The potential impacts of natural disasters, such as those related to bush fire, flood and landslips are managed and risks are reduced to protect life, property and the environment	1.1.3.2 Implement a coordinated approach to floodplain and stormwater management	Develop and implement Floodplain Risk Management Plans.

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

SUSTAINABILITY IMPLICATIONS

The recommended tenderer, Catchment Simulation Solutions Pty Ltd, will investigate sustainable floodplain risk management options that take into consideration economic (cost benefit ratio), environmental and social criteria.

Catchment Simulation Solutions Pty Ltd has the necessary experience and capability to undertake the project having successfully completed a number of projects of similar size and complexity.

FINANCIAL IMPLICATIONS

It is proposed that the Collins Creek Floodplain Risk Management Study and Plan will be funded from the Delivery Program and Operational Plan – Stormwater Services (Floodplain Management) in the following financial years:

2021/22

2022/23

2023/24

CONCLUSION

Catchment Simulation Solutions Pty Ltd has submitted an acceptable tender for the proposed work and Council should endorse the recommendations of this report.

Catchment Area Collins Creek

