

ITEM 13

TENDER T20/48 - REVIEW OF WOLLONGONG CITY FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

This report recommends acceptance of a tender for the Review of the Wollongong City 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 Wollongong City Catchment which includes approximately 730 hectares across the suburbs of Coniston, Mangerton, Mount Saint Thomas and Port Kembla.

RECOMMENDATION

- 1 In accordance with clause 178(1)(a) of the Local Government (General) Regulation 2005, Council accept the tender of GRC Hydro for the Review of the Wollongong City Floodplain Risk Management Study and Plan, in the sum of \$120,380, 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 Study Location Plan

BACKGROUND

The Wollongong City Catchment is approximately 730 hectares in size and drains the suburbs of Coniston, Mangerton, Mount Saint Thomas and Port Kembla.

The catchment includes:

- Major roads in the area include the Princes Highway, the Princes Motorway and Springhill Road.
- Large areas of overland flows where relatively small creeks and watercourses have been converted to a pit and pipe system.
- Watercourses in the lower, eastern half of the catchment including Gurungaty Waterway and Tom Thumbs Lagoon.
- A combination of medium to high density residential, the Wollongong commercial centre, and parts of the Port Kembla industrial area.
- Large areas of open space, particularly in the coastal strip adjacent to Wollongong Beach (refer to Attachment 1 – Floodplain Risk Management Study Location Plan).

The overall objective of the Floodplain Risk Management Study and Plan is to review Council's current Floodplain Risk Management Study and Plan (2015) and develop an updated floodplain risk management plan for the Wollongong City 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 10.00am on 9 March 2021.

Four 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;
- City Strategy;
- 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

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 |
|------------------|---------|
| GRC Hydro | 1 |
| Engeny | 2 |
| Cardno | 3 |
| Umwelt | 4 |

PROPOSAL

Council should authorise the engagement of GRC Hydro to carry out the Review of Wollongong City 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;
- City Strategy;
- 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 if 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 low based upon Council's risk assessment matrix and appropriate risk management strategies that will be implemented.

The recommended tenderer, GRC Hydro, has the necessary experience and capability to undertake the project having successfully completed a number of projects of similar size and complexity.

SUSTAINABILITY IMPLICATIONS

The successful tenderer will investigate sustainable floodplain risk management options that take into consideration, economic (cost benefit ratio), environmental and social criteria.

FINANCIAL IMPLICATIONS

It is proposed that the total project be funded from the Stormwater Services Program as identified in the Annual Plan.

Sufficient budget has been allocated in the Floodplain Management Program to fund this project and approval has been received from the state government for a contribution (2/3) to assist in the funding for this study.

CONCLUSION

GRC Hydro has submitted an acceptable tender for this work and Council should endorse the recommendations of this report.

Attachment 1: Floodplain Risk Management Study Location Plan

