

10. TENDERS FOR OXIDATION POND 1 DEEPENING FOR CHRISTCHURCH WASTEWATER TREATMENT PLAN CAPACITY UPGRADE

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The purpose of this report is to seek approval for the award of the contract for the Christchurch Wastewater Treatment Plant Oxidation Pond 1 deepening.

BACKGROUND

The next major stage in the \$33m Christchurch Wastewater Treatment Plant upgrade is the modification of the oxidation ponds. The oxidation ponds are being reconfigured from parallel flow to series flow to maximise the kill of pathogens. This improved configuration is expected to have a significant effect on the numbers of bugs released to the estuary. As part of the improved configuration ponds 1 and 2 will be deepened and reshaped to optimise pond flow patterns and operating levels. This contract is for the first stage of the project – drying and relocation of organic material from the base of pond 1 and the deepening of pond 1.

Pond 1 is currently empty and evaporative drying of the organic material has begun in preparation for the commencement of this contract.

TENDERS RECEIVED

Tenders were received as follows:

G&T Construction Ltd	\$800,194.00
Barry Foster Contracting Ltd	\$843,843.84
Works Infrastructure Ltd	\$895,003.26
Doug Hood Ltd	\$925,932.10
Delta Civil Contracting Ltd	\$1,200,265.30
K B Contracting and Quarries Ltd	\$1,452,700.90

These tenders all include a contingency sum of \$150,000.

The lowest three tenders had no price related tags.

It was specified that tenders would be evaluated by weighted attributes, with a 70% weighting on price and 30% weighting on non-price attributes, namely relevant experience, track record, technical skills, resources, management skills and methodology.

TENDER EVALUATION

Following evaluation of both price and non-price attributes, tenderers scores were as follows:

G&T Construction Ltd.	71
Barry Foster Contracting Ltd.	67
Works Infrastructure Ltd.	64
Doug Hood Ltd.	58
Delta Civil Contracting Ltd.	27
K B Contracting and Quarries Ltd.	7

The highest overall score was achieved by G&T Construction Ltd.

G&T Construction (Lex Thompson) has been involved in four major contracts for the upgrading of the Wastewater Treatment Plant, either as the main contractor or as Daniel Smith Industries pipe laying and concrete subcontractor. G&T's work has always been completed to a very high standard. For this project G&T Construction will act primarily as project managers with most of the earthworks performed by Morris Contractors.

Morris Contractors are earthmoving contractors with twenty-five years experience. They have successfully completed numerous large-scale earthworks projects and have recently completed the earthworks for the upgrade of the Blenheim Sewage Ponds. This work included the drying and relocation of organic material from the pond floor, so Morris Contracting will have gained valuable experience that will be applicable to this contract. G&T Construction and Morris Contracting have a very clear understanding of what the job requires, particularly drying and relocation of the organic material, which is the critical part of this project. Morris contractors are highly recommended by Humphrey Archer (Beca), the engineer for the Blenheim Oxidation Pond upgrade.

BUDGET PROVISIONS

In the original upgrade budget for the plant, a total of \$1.6m was identified for pond modifications in the current year out of a total of \$7.546m allowed this year. Further work is also required on piping and discharge structures at the ponds. Next year the No 2 pond will be deepened and reshaped.

CONSENTS

Resource Consent is not required for the project, however, an Outline Plan (a description of the work, including any effects and mitigation measures) will need to be approved by the Planning Section of both the Environmental Services Unit and the Linwood Service Centre of this Council. URS New Zealand is preparing an outline plan, which should be approved well in advance of the contract acceptance date.

PROGRAMME

A construction start date of 6 December 2002 is proposed in the current programme. This is based on the tender being awarded in the week following the Council meeting on 21 November 2002. A construction period of 20 weeks has been allowed at this stage, with completion scheduled for 11 April 2003.

The recommended tenderer has confirmed that they have the resources available to start the project on this date. They have also confirmed that they have the resources to complete the project within the proposed time frame.

Following contract award the contractor will be required to submit a detailed construction programme, which will be used to monitor construction progress.

SUMMARY

G&T Construction received the highest score from the weighted attribute assessment. They also submitted the lowest price of \$800,194. G&T Construction is a very good contractor with an excellent record, who in partnership with Morris Contracting can provide the skills and experience to complete critical areas of the project within the proposed timeframe and the price is within the budget provision.

Staff

Recommendation: That the tender of G&T Construction Ltd for \$800,194 be accepted, subject to obtaining approval of an Outline Plan with conditions acceptable to the Council.

Chairman's

Recommendation: That the above recommendation be accepted.