



Corporate Report

NO: R124

COUNCIL DATE: May 18, 2005

REGULAR COUNCIL

TO: **Mayor &
Council** DATE: **May 16,
2005**

FROM: **General Manager,
Engineering** PROJECT **4802-
FILE: 401/21**

SUBJECT: **Contract Award M.S. 4802-401-21**
**Lower Nicomekl Dykes – Surrey Dyking
District**

RECOMMENDATION

That the City award Contract M.S. 4802-401-21 for the Lower Nicomekl River Dyke (2005) upgrading works to Surrey Dyking District (SDD) in the amount of \$384,755.00.

INTENT

We are recommending that the District be engaged to carry out the upgrading of Lower Nicomekl River Dykes.

SCOPE OF WORK

Contract M.S. 4802-401-21 consists of widening and raising existing dykes, extending along the Nicomekl River from 40 Avenue to 168 Street, as shown on the attached map. The upgrades are integral components of the Serpentine-Nicomekl Flood Control Project.

BACKGROUND

Since 2001, the City has funded a limited scope of work for the Surrey Dyking District (SDD) to complete in the Lower Serpentine Area. The work was carried out according to the design prepared by the City. The areas involved are extensively farmed with either vegetable or berry crops, making the property negotiations and dyke works along the existing dyke very challenging. Since the work by the SDD has started, they have been able to very efficiently complete most of the Lower Serpentine River Dykes.

JUSTIFICATION

The SDD has been performing very well for the City, which has resulted in the City saving considerable time and expense. In addition, the SDD helped convince farmers to sign over rights-of-way for the dyke works based on the trust they have built up with the farmers and the District's ability to upgrade dyke with minimum impact on their crops. Involving the SDD in the construction of some of the dyke upgrades is in our interest since they will be maintaining the dykes after their completion.

Unfortunately, due to the lack of suitable construction fill available, only one small reach of dyke was upgraded in

2004. In an effort to substantially increase the rate of dyke construction in 2005 compared to 2004, the City has arranged for the SDD to not only receive offsite material to the dyke, but also to utilize material from a stockpile site. The use of a stockpile site will increase the cost of the construction works, but it is necessary to meet the completion schedule as a result of the lack construction last year.

QUOTATION RESULTS AND EVALUATION

In accordance with City Policy No. Q7(1), a contract to upgrade the Lower Nicomekl River Dykes was negotiated with the SDD.

In order to ensure the City obtains maximum value, the negotiated unit prices for the different quantities were compared to tender unit prices from last year. SDD unit prices for the main quantity items are lower than the lowest submitted tender prices as shown:

	<i>Surrey Dyking District</i>	<i>Average 2004 Tender Values</i>
Clear and strip topsoil	\$2.00	\$2.25
Receive at stockpile	\$2.50	\$3.25
Receive and place fill on dyke	\$3.50	\$4.00
Place and spread topsoil	\$2.00	\$3.00
Load, haul and place from stockpile*	\$11.80	\$12.00

* This is a comparison of average rates for the load, haul and placement of dyke fill material from stockpile sites.

FUNDING

There is sufficient funding in Project 4802-401 for this contract.

Paul Ham, P.Eng.
General Manager, Engineering

JA/rdd/brb
Attachment

c.c. - General Manager, Finance, Technology & HR Dept.

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