

**DATE:** July 20, 2017**FILE:** 5340-07**TO:** Chair and Directors  
Regional District Board**FROM:** Russell Dyson  
Chief Administrative Officer**RE:** Contract Award - Hudson Trunk Sanitary Sewer

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**Purpose**

To seek board approval for the award of a contract to Wacor Holdings Ltd. for the installation of the Hudson Trunk sanitary sewer line.

**Policy Analysis**

Bylaw No. 284, being the “Comox Valley Regional District Delegation of Purchasing Authority Bylaw No. 284, 2013” requires that the board approve all contracts in excess of \$100,000.

The 2017-2021 Comox Valley Sewer Service financial plan includes the construction of the Hudson Trunk sewer.

At its May 17, 2016 meeting, the Comox Valley Sewage Commission approved the following recommendation:

*K. Grant/M. Theos: THAT subject to a notice of intent to direct award being published on the Comox Valley Regional District, the contract for engineering and construction management services for the Hudson trunk project be direct awarded to McElhanney Consulting Services Ltd. in the amount of \$163,511.70 excluding GST.*

*AND FURTHER THAT the chair and corporate legislative officer be authorized to execute the contract.*

**Executive Summary**

The Hudson Trunk project involves the installation of a gravity trunk sewer extending from the eastern boundary of the City of Courtenay near Idiens Way and the northern boundary of the Town of Comox near Hector Road. Some wastewater from the City of Courtenay and Town of Comox can flow by gravity to the existing sewer trunk main along Knight Road and then on to the Comox Valley Water Pollution Control Centre (map attached as Appendix A). This project will help to relieve flow to the Courtenay pump station as well as future flow at the Jane Place pump station.

In June 2017, an invitation to tender for the Hudson Trunk project was issued. A total of two compliant tenders were received at the time of closing and were evaluated. The lowest bidder was Wacor Holdings Ltd. At \$1,895,780.41, exclusive of GST. McElhanney, the design engineering consultant for the project, has recommended that the contract be awarded to Wacor Holdings Ltd.

Construction will begin in October 2017, with the installation of the Knight Road, Hudson Road and Dryden Road sewer sections. Following installation, these portions will be paved prior to closing of the paving plant for the winter. The remainder of the project will be completed in the spring of 2018. The Comox Valley Regional District (CVRD) will be working closely with the

affected municipalities throughout the project. During construction project updates will be posted to the CVRD webpage, along with any road closures being advertised in the newspaper informing users of the project and construction.

**Recommendation from the Chief Administrative Officer:**

THAT as a result of a competitive process, the contract for construction of the Hudson Trunk sanitary sewer project be awarded to Wacor Holdings Ltd. In the amount of \$1,895,780.41, exclusive of GST;

AND FINALLY THAT the Chair and Corporate Legislative Officer be authorized to execute the contract.

Respectfully:

***R. Dyson***

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Russell Dyson  
Chief Administrative Officer

**Background/Current Situation**

In 1997 the Comox Valley Sewage Commission received a report titled “Sanitary Sewer Servicing Report for Anderton Road Area and Huband/Virginia Area” prepared by McElhanney. The report outlined sewer servicing for an area generally defined as northeast Courtenay, Seal Bay, Little River, and the area between Courtenay, Comox and CFB Comox. This proposed sanitary sewer system has come to be known as the Greenwood and Hudson Trunk sewers and the projects were added to the development cost charges project list in 2002.

In early 2010 the CVRD was requested to undertake further engineering analysis to provide recommendations as to the probable timing of need for the installation of the Greenwood and Hudson Trunk sewers and a report titled, “Greenwood and Hudson Road Trunk Sewers Routing, Timing and Cost Considerations”, was prepared by McElhanney.

From this report it was noted that the year of projected need for the Hudson and Greenwood Trunk systems are dependent on many factors. However based on growth, anticipated development pressure and capacity constraints within the City of Courtenay’s sewer collection system, progressing these projects to alleviate capacity constraints should be a priority.

The Hudson Trunk begins at the City of Courtenay boundary near Idiens Way and extends eastward along Dryden Road to Hudson Road and then northward to Knight Road to tie into existing sewer gravity mains. As part of this route, a line will be extended up Aspen Road to ensure that the Town of Comox can also utilize the Hudson Trunk in future to divert wastewater from North Comox. Stubs will also be provided on the North and South side of the Anderton Road crossing to allow for future Town of Comox connections.

At the close of the tender on July 13, 2017 two compliant tenders were received. McElhanney has reviewed the tenders and recommended that the contract be awarded to Wacor Holdings Ltd. as the low bidder at a value of \$1,895,780.41, excluding GST. Table no. 1 below summarizes the compliant bids.

**Table No.1: Summary of Compliant Bids**

Name of Firm	Tender Pricing (excluding GST)
Wacor Holdings Ltd.	\$1,895,780.41
Knappett Industries (2006) Ltd.	\$2,762,250.00

Construction will begin in October 2017, with the installation of the Knight Road, Hudson Road and Dryden Road sewer sections. Following installation, these portions will be paved prior to closing of the paving plant for the winter. The remainder of the project will be completed in the spring of 2018. The CVRD will work closely with both the City of Courtenay and Town of Comox during construction to coordinate the installation, public notifications, road closures etc.

### Options

The Comox Valley Sewerage Commission has the following options:

1. To approve the contract award to Wacor Holdings Ltd.
2. To not award the contract at this time.

The invitation to tender was issued with the intent to award the contract to the compliant tenderer offering the lowest price to the CVRD. The lowest bidder for the project was Wacor Holdings Ltd. and was within the project budget. McElhanney has reviewed the tenders and recommends award to Wacor Holdings Ltd. As such only option No.1 above is recommended.

### Financial Factors

The 2017-2021 financial plan for the Comox Valley Sewerage Service includes an allowance of \$2,210,000 for the construction of the Hudson Trunk. Award of this contract for the construction aspects of this project in the amount of \$1,895,780.41 can be accommodated within the allowance included for the project in the financial plan.

### Legal Factors

Bylaw No. 284 requires that the board approve award of all contracts in excess of \$100,000.

### Regional Growth Strategy Implications

The Comox Valley Sustainability Strategy contains several targets applicable to the installation of the Hudson Trunk sewers. These include reducing energy consumption, greenhouse gas emissions and considering waste flows as a resource. The proposed gravity system will reduce the amount of pumping at the Courtenay pump station.

### Intergovernmental Factors

The Comox Valley Sewerage Service is governed by the Comox Valley Sewerage Commission whose membership includes representatives from the Town of Comox, the City of Courtenay and the Department of National Defence.

Development pressure in one municipality can be the impetus for installation of infrastructure, however redirecting flows away from the Courtenay pump station will extend the timeframe that upgrades to the pump station will be required. This will ultimately benefit the entire system.

Coordination with the City of Courtenay and Town of Comox will be ongoing throughout the project to coordinate installation, public notifications, road closures etc.

**Interdepartmental Involvement**

The Engineering Services department is leading this work with help from the Financial Services department.

**Citizen/Public Relations**

During construction, webpage updates with project updates are planned, along with any road or park closures being advertised in the newspaper informing users of the project and construction.

Prepared by:

Concurrence:

Concurrence:

Concurrence:

***Z. Berkey***

***C. Gore***

***K. La Rose***

***M. Rutten***

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Zoe Berkey, EIT  
Engineering Analyst

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Charlie Gore, P.Eng  
Manager of Capital  
Projects

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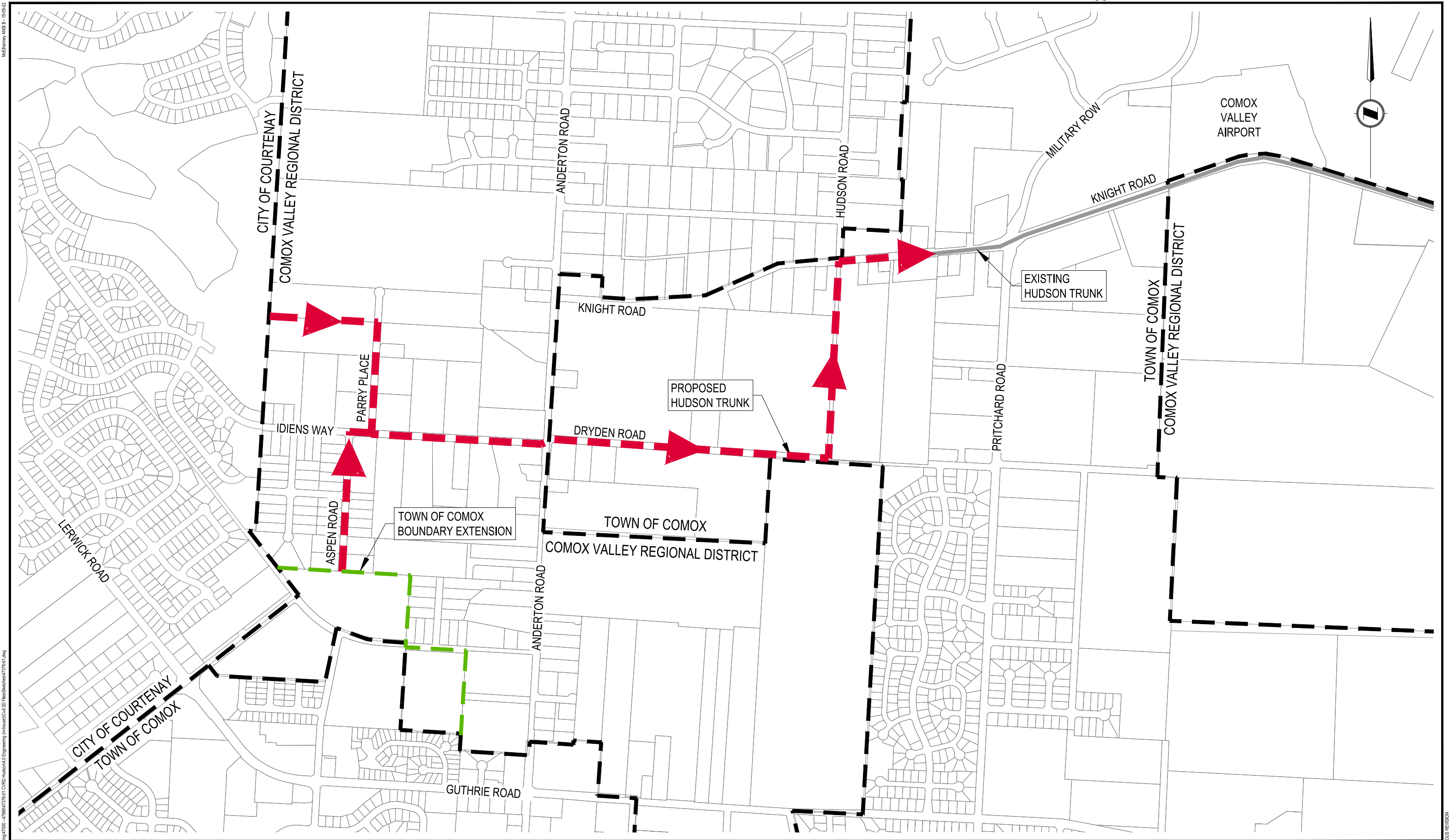
Kris La Rose, P.Eng  
Senior Manager of  
Waste/ Wastewater

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Marc Rutten, P.Eng  
General Manager of  
Engineering Services

Attachments: Appendix A – “Map of Hudson Trunk Route”

McElhanney/ANSI B - 15495-22



DATE: 2016-10-06 16:08 FILE: C:\2011\Engineering\7000 - 47989\47976-01\_CVRD\_Hudson40\_Engineering\in-house\0\civil\3D\_Files\Sheet47976-01.dwg

Rev	Date	Description	Drawn	Design	App'd
PB	2016/10/06	ISSUED FOR INFORMATION	AC	-	CD
PA	12/05/2016	ISSUED FOR COMMENTS	PW	-	CD

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ORIGINAL DWG SIZE: ANSI B (11" x 17")



495 Sixth Street  
Courtenay BC  
Canada V9N 6V4  
Tel 250 338 5495

**COMOX VALLEY REGIONAL DISTRICT**  
**HUDSON TRUNK**  
**PROPOSED TRUNK ROUTE**  
COMOX VALLEY, BC

Drawing No. **SK-03**  
Project Number 2211-47376-01  
Rev. PB

DESTROY ALL PRINTS BEARING PREVIOUS REVISION