



Regional District of Kitimat-Stikine

**Construction Services for Hazelton Waste Management Facility Leachate Treatment Upgrade
2017 Contract**

To: Posted on BC Bid and RDKS's website

From: Mircea L. Cvaci, P.Eng, MBA

Ref: ITT No. HAZ17-006

Date: July 14, 2017

Pages: 2 Pages including this cover page

COMMENTS: Addendum #2 is attached hereto.

Please take note that the Regional District of Kitimat-Stikine has issued the attached Addendum Number 2 for Invitation to Tender Number: HAZ17-006.

This Addendum includes the following:

- Q&A received up to July 14, 2017



Regional District of Kitimat-Stikine

Construction Services for the Hazelton Landfill Closure & Environmental Upgrades Contract

This Addendum forms part of the Contract documents and is to be read, interpreted, coordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above-named project to the extent referenced and become part thereof.

Q&A received up to July 14, 2017

Q.1 Please provide clarifications on the Knife Gate Valve described under payment item 2.6

A.1 Knife Gate Valves for Payment Item 2.6 “Supply and Install Surface Water Bypass Structure c/w 1 Concrete Headwall + 1 Knife Gate Valve to the Wetland#1 (Including 12m 300mm Ø HDPE DR17 Pipe)” must be designed for general industrial applications, the design of the body and seat should assure non-clogging shutoff on suspended solids, and meet the following specification as a minimum.

- Unidirectional valve
- Diameter: 300 mm
- Strength: 85 PSI
- Cast iron body
- EPDM Seat
- Stainless steel paddle
- None rising knife gate valve
- 304SS Gate

Valves can be sourced from, but not limited to, the following.

- DeZurik Inc.
- Orbe Canada Inc. (Orbinox)

Q.2 What is the total Dynamic Head? We have two 1/2HP Pumps (one higher head than the other), and need to know TDH to ensure my selection.

A.2 The total dynamic head at pump 1 is 14.6 m, pump design flow rate for is 1.241 L/s, and pipe diameter is 50 mm.