



**REGIONAL DISTRICT  
of Fraser-Fort George**

**SHELLEY RIVERBANK EROSION PROTECTION  
ITT CS 08-09**

**Notes of the Mandatory Pre-Tender Site Meeting  
Monday, January 11, 2010, 10:00 a.m. at the Shelley Townsite Road Boat Launch**

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Contractors Present: White Bear Industries Ltd.  
LB Chapman Construction Ltd.  
Integrated Contractors Ltd. (IDL Projects)  
Nahanni Construction  
Western Industrial Contractors Ltd.  
Formula Contractors BC Ltd.  
Twin Rivers Developments (1981) Ltd.  
Landmark Forest Management Ltd.  
Capco Construction Ltd.  
Canyon Tree Farms Inc.  
Ruskin Construction Ltd.  
Dahl Grading & Excavating Ltd.  
Blackwater Construction Co. Ltd.  
Eagle Valley Holdings Ltd.  
Magnum Road Builders  
Kode Contracting Ltd.  
Gibraltar Rock Drilling Ltd.  
RF Klein & Sons Ltd.  
LNB Construction Inc.  
GPS Construction  
Forbes Industrial Contractors Ltd,  
Hoban Equipment

Staff Present: Terry McEachen  
General Manager of Community and Development Services

Marija Cvenkel  
Manager of Sustainable Development

Carina Hanson  
Community/Public Safety Assistant

Also Present: Emily Cheung P.Eng., DWB Consulting Services Ltd.  
Steve Bates, owner of 7895 Shelley Townsite Road  
Gerry Solmonson, owner 7965 Shelley Townsite road

Notes Recorded By: Carina Hanson

**CALL TO ORDER:** Terry McEachen called the meeting to order at 10:00 a.m., introduced Regional District Staff and Emily Cheung, and thanked everyone for attending.

Terry gave a quick overview of the project and explained how the project would be funded, noting that a portion of the funds would be coming from property owners (90% Province, 10% Residents). He explained how the tender would be evaluated and emphasized the importance of previous experience in riverbank and water works (60% price, 40% related experience and qualifications).

Emily Cheung explained that the project would tie in with the previous works completed in 2007 and would meet the Spectra property to the south. She invited the contractors who were present to view the river and explained that Triton Environmental Consultants Ltd. would act as an environmental monitor in relation to the construction, clean up, tree planting and seeding.

Terry confirmed that the completion deadline for the project in order to obtain funding was the end of February 2010. He explained that any extension would have to be negotiated with the Provincial government.

**Question:**

**Will the clean-up and seeding be required by the project deadline or in the Spring?**

*We realize that the planting cannot be completed until Spring, especially on the private properties. Negotiations with the property owners will have to take place in order to complete the job with minimal disruption. Minimal disturbance to the site while stabilizing the eroding bank is the objective of the project.*

**Question:**

**Are you aware of the turn around on testing of the rock for acidity?**

*See Section 20, no. 5 of Invitation to Tender CS 08-09.*

**Question:**

**Has a designated rock site been determined?**

*No. It is up to the contractor to obtain rock from the source that has already been tested or if a new source is proposed, to bring a proof that the material has been tested and meets the specifications outlined in the tender.*

**Question:**

**Is it expected that private properties be returned to the condition they were found in?**

*Yes. Signed consents for access for property owners on the river have been obtained. It is required that all disturbances to the private properties be restored to the original or better condition. The contractor will be required to work closely with the affected homeowners. The actual yard restoration will be done perhaps a couple of months after the river bank stabilization is complete.*

**Question:**

**Are there any issues with CN with respect to trucks crossing the railway?**

*We will be informing CN of the proposed project and increased activity in the area. Keeping tracks free of debris at all times will be the responsibility of the contractor. We will inform the contractor should CN have any other requirements in relation to this project.*

**Question:**

**Is using Spectra's property for the project a possibility?**

*No.*

**Question:**

**Is the present water level close to what is shown in the drawings?**

*The water level is approximately 1.5m higher than as predicted and than is shown on the drawings.*

**Question:**

**Would it be okay to get a boot out into the River for truck access and to arrange the rock from below?**

*Department of Fisheries and Oceans (DFO ) requires limited activity near the water and expanding the access into the river is not an option. There should be enough room through accessing private properties and along the bench next to the river.*

**Question:**

**With respect to the spec of the filter cloth, will Armtec 300 be accepted?**

*The spec for the geotextile is correct in that it must have a minimum Mullen burst strength of 3000kPa. The Armtec fabric stated on the drawings says Armtec 400 when in fact Armtec 300 does meet this and the other specs.*

**Question:**

**Are all of the permits in place?**

*RDFFG and Triton consultants are in negotiations with DFO to obtain necessary authorizations, permits and compensation requirements. Ministry of Environment is waiting for DFO approval before granting their Section 9 approval.*

**Question:**

**Who will determine where waste material is to be hauled?**

*RDFFG will investigate and respond by Wednesday of this week.*

**Question:**

**How many properties are available for access?**

*Five. The fewer properties used, the less will have to be restored. All accesses should be confirmed with the property owners to be away from septic fields or water lines or other important features.*

**Question:**

**Bioguarded? Dealing with erosion control.**

*The RDFFG will advise of any additional requirements to the tender documents once we have received the permit from DFO.*

**Question:**

**How will the existing vegetation be dealt with?**

*Most of the vegetation along the riverbank has root damage and will have to be removed anyway. The area is to be surveyed by the contractor in accordance with the drawings in the Invitation to Tender.*

**Question:**

**Who will determine what trees will come down?**

*DWB and Triton. The contractor will also have the right to remove trees that they feel are hazardous.*

**Question:**

**How will the rock be measured?**

*DWB will conduct initial top of the bank survey, post-excavation and pre-rock placement survey, as well as, as-built survey to determine the amount of rock that was used. If the contractor feels that additional surveys or material quantities measurements are required, it can be done at their own expense.*

**Question:**

**Can a rock truck be brought down to the rivershore?**

*There should be adequate room for a truck on the rivershore.*

**Question:**

**How soon will the place for waste material be determined?**

*Tomorrow or Wednesday.*

**Question:**

**How will extra loads of waste material be paid for if it is in excess of 3,000m<sup>3</sup> as set out in the tender (measurement?)?**

*There is a contingency in the fund to cover excess costs.*

**ADJOURNMENT:** Receiving no further questions, the meeting adjourned 10:55 a.m.