

Belaney, Tanyann FIN:EX

From: FIN OCG Procurement Governance FIN:EX
Sent: Friday, May 27, 2016 2:09 PM
To: 'Martin Watts'
Cc: FIN OCG Procurement Governance FIN:EX
Subject: RE: Procurement Governance Office Vendor Complaint Review Process (File Reference # 1617-001)

Good Afternoon Martin

The PGO VCRP is not designed to resolve disputes between participants of a procurement process and operational matters.

Information on the PGO VCRP including the roles and responsibilities of participants is available from the following link:

<http://www.fin.gov.bc.ca/ocg/pgo/VCRP.htm#Over>.

Regards,

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Monday, May 16, 2016 7:55 AM
To: FIN OCG Procurement Governance FIN:EX
Subject: RE: Procurement Governance Office Vendor Complaint Review Process (File Reference #1617-001)

Procurement Governance Office,

Thanks for the clarification.

Can you explain what is “out of scope” and “without merit” in NRS2015-03?

Take care,

Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net

From: FIN OCG Procurement Governance FIN:EX [<mailto:procurementgovernance@gov.bc.ca>]
Sent: Friday, May 13, 2016 1:25 PM
To: 'Martin Watts'
Cc: FIN OCG Procurement Governance FIN:EX
Subject: RE: Procurement Governance Office Vendor Complaint Review Process (File Reference #1617-001)

Good Afternoon Martin

The response provided related to NRS2015-03.

Regards,

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Thursday, May 12, 2016 1:35 PM
To: FIN OCG Procurement Governance FIN:EX
Cc: Taylor, Vicky CSNR:EX
Subject: RE: Procurement Governance Office Vendor Complaint Review Process (File Reference #1617-001)

Procurement Governance Office,

- NRS2015-03 was for OT16FHQ234
- NRS2016-01 was for OT16FHQ265

Was your decision supposed to be for NRS2015-03?

Take care,

Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net

From: FIN OCG Procurement Governance FIN:EX [<mailto:procurementgovernance@gov.bc.ca>]
Sent: Thursday, May 12, 2016 12:28 PM
To: 'Martin Watts'
Subject: Procurement Governance Office Vendor Complaint Review Process (File Reference #1617-001)

Hello Mr. Watts:

Please find attached our review and response to the above referenced complaint submitted under the Procurement Governance Office, Vendor Complaint Review Process.

Regards,

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

Page 004 to/à Page 007

Withheld pursuant to/removed as

DUPLICATE

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Thursday, May 12, 2016 1:35 PM
To: FIN OCG Procurement Governance FIN:EX
Cc: Taylor, Vicky CSNR:EX
Subject: RE: Procurement Governance Office Vendor Complaint Review Process (File Reference # 1617-001)
Attachments: 1617-001 Response.pdf

Procurement Governance Office,

- NRS2015-03 was for OT16FHQ234
- NRS2016-01 was for OT16FHQ265

Was your decision supposed to be for NRS2015-03?

Take care,

Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
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Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net

From: FIN OCG Procurement Governance FIN:EX [<mailto:procurementgovernance@gov.bc.ca>]
Sent: Thursday, May 12, 2016 12:28 PM
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Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

Belaney, Tanyann FIN:EX

From: Belaney, Tanyann FIN:EX on behalf of FIN OCG Procurement Governance FIN:EX
Sent: Thursday, May 12, 2016 12:28 PM
To: 'Martin Watts'
Subject: Procurement Governance Office Vendor Complaint Review Process (File Reference # 1617-001)
Attachments: 1617-001 Response.pdf

Hello Mr. Watts:

Please find attached our review and response to the above referenced complaint submitted under the Procurement Governance Office, Vendor Complaint Review Process.

Regards,

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca



May 11, 2016

Cliff #350909

Martin Watts
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC
V8T 4V8
E-mail: martin_watts@telus.net

Re: Procurement Governance Office Vendor Complaint Review Process - File No. VCRP 1617-001

Dear Mr. Watts:

The Procurement Governance Office Vendor Complaint Review Process (PGO VCRP) is intended to assist government in identifying and responding to government procurement policy and procedures and deals with complaints that have not been satisfactorily concluded by the ministry. Our review is conducted in accordance with the PGO VCRP policies and procedures which can be found at: <http://www.fin.gov.bc.ca/ocg/pgo/VCRP.htm>.

This office has completed its review of the complaint submission, under reference number 1617-001 (the Complaint), in connection with the Short Form Request for Proposal 1070-30/OT16FHQ234 (the SFRFP) conducted by the Ministry of Forests, Lands and Natural Resource Operations (FLNRO), Forest Analysis and Inventory Branch (FAIB). Our office has determined that all complaints, as they relate to specific procurement decisions and ministry processes, are out of scope and without merit. Consequently no further action will be taken.

This concludes the Procurement Governance Office Vendor Complaint Review Process for VCRP 1617-001.

Sincerely,

Tamara McLeod
Chief Procurement Officer
Executive Director, Financial Management Branch
Office of the Comptroller General
Ministry of Finance

cc list attached

cc: Betty Weber
Director, Procurement Governance
Financial Management Branch
Office of the Comptroller General
Ministry of Finance

Vicky Taylor
Senior Contract Procurement Specialist
Corporate Services for the Natural Resource Sector

Belaney, Tanyann FIN:EX

From: Belaney, Tanyann FIN:EX on behalf of FIN OCG Procurement Governance FIN:EX
Sent: Friday, April 15, 2016 9:22 AM
To: 'Martin Watts'
Cc: FIN OCG Procurement Governance FIN:EX
Subject: RE: Vendor Complaint NRS2015-03 - item 2 - FW: Vendor Complaint NRS2015-03

Dear Mr. Watts:

Receipt of your vendor complaint on May 14, 2016, to the Procurement Governance Office under its Vendor Complaint Review Process (PGO VCRP), is hereby acknowledged.

This office will review the Complaint in accordance with the process, policy and timelines outlined in the PGO VCRP found at the following link: <http://www.fin.gov.bc.ca/ocg/pgo/VCRP.htm>.

If you have any further questions, please do not hesitate to contact us. Please reference VCRP #1617-001 in your correspondence.

Regards,

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Thursday, April 14, 2016 1:41 AM
To: FIN OCG Procurement Governance FIN:EX
Subject: Vendor Complaint NRS2015-03 - item 2 - FW: Vendor Complaint NRS2015-03

*Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net*

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Monday, February 01, 2016 8:37 AM

To: tom.ethier@gov.bc.ca

Subject: Vendor Complaint NRS2015-03

Tom Ethier,

I recently filed a complaint through the Vendor Complaint Review Process regarding SFRP OT16FHQ234 – Assemble, Compile and Report on Growth and Yield Experiment Data. It has been assigned vendor complaint #NRS2015-03. I am not satisfied with the response from Albert Nussbaum, Director, Forest Analysis and Inventory Branch (FAIB) and the next step is to pass it on to you.

I have attached:

- My complaint to the VCRP (***Vendor_complaint – SFRP OT16FHQ234***)
- The response from Albert Nussbaum which I received on December 21, 2015 (***FAIB_response_1_of_2.jpg*** and ***FAIB_repsonse_2_of_2.jpg***)
- The most relevant SFRP documents (- ***assemble compile and report on GY experimental data Appendix.pdf***, ***srfp-assemble compile and report og GY experiment data.pdf*** and ***Questions received on OT16FHQ234.pdf***)
- Errors in the 2015 FAIB PSP data compilation (***FAIB PSP compilation question***)
- My response to a phone call from Albert Nussbaum (***Phone call***)

s.17,s.21

s.17,s.21

s.17,s.21

s.22

Take care,

Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Thursday, April 14, 2016 1:27 AM
To: FIN OCG Procurement Governance FIN:EX
Subject: FW: Vendor Complaint NRS2015-03

Chief Procurement Officer,

My original email was rejected by your system.

I will try to send the attached items separately.

Take care,

*Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net*

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Thursday, April 14, 2016 1:05 AM
To: 'ProcurementGovernance@gov.bc.ca'
Subject: Vendor Complaint NRS2015-03

Chief Procurement Officer,

I am requesting a review of a vendor complaint (reference number NRS2015-03) for SFRP OT16FHQ234.

The attached items are:

- 1) **Vendor Complaint – SFRP OT16FHQ234** is the vendor complaint to the Ministry VCRP Advisor (Vicky Taylor). This contains:
 - The VCRP complaint form.
 - My original complaint.
 - The questions and answers to SFRP OT16FHQ234. All of the questions were from me.
 - Some documentation related to my last VCRP complaint (1415-004), but is also related to the experience for SFRP OT16FHQ234.
- 2) **Vendor Complaint NRS2015-03** is the vendor complaint to the Assistant Deputy Minister (Tom Ethier). This contains:
 - The response to my complaint from the FAIB Director – Albert Nussbaum.
 - My complaint to Tom Ethier.

- The SRFP documents.
- An email requesting the report by J.S. Thrower, which I believe was a direct award contract and related to this SFRP. FAIB did not provide the report as I did not specifically ask for it in relation to the SFRP. FAIB's response was not provided in writing, but was provided by phone.
- An email documenting a phone call from Albert Nussbaum.

3) **RE: Vendor Complaint NRS2015-03** is the response from Tom Ethier.

My vendor complaint had three components:

s.17,s.21

Item 1

s.17,s.21

What is the rationale for restricting experience on projects of similar scope and complexity to the past 5 years as the only mandatory requirement? For example, has there been some major advance in how this work is done that a contractor must have experience with?

Answer - Skills decline if they have not been used in a long time. This mandatory helps ensure that proponents have knowledge and skills required for the work that are reasonably sharp and current.

s.17,s.21

Item 2

s.17,s.21

Take care,

Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
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Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net



BRITISH
COLUMBIA

The Best Place on Earth

**VENDOR COMPLAINT
REVIEW PROCESS FORM**

FILE NUMBER:

Name: MARTIN WATTS
Title: PRESIDENT
Company/Organization Name: FORCOMP FORESTRY CONSULTING LTD
Address: A-927 QUEENS AVE
City: VICTORIA Postal Code: V8T 4V8
Business Phone: (250) 385-5956 Alternate Phone: (250) 889-9354
Fax Number: _____ Email Address: MARTIN.WATTS@TELUS.NET

Competition or Contract number: SNFP No. OT16.FHQ234

Please provide the following information (attach additional information as necessary):

1. Description of the complaint.
2. Background leading to the complaint (initial actions and ministry/CBS response, relevant dates, and the actions of the parties).
3. Who have you dealt with to date regarding the complaint? (names, titles, phone numbers).
4. Describe any other action you have taken.
5. Describe the outcome that you seek.

INFORMATION ON ACCOMPANYING EMAIL

Signature: [Signature] Date: NOV. 24 / 15

Freedom of Information and Protection of Privacy Act

This form is required to process your vendor complaint and the collection of personal information complies with the *Freedom of Information and Protection of Privacy Act*. If you have any questions about the collection or use of this information, please submit them to the contact person for the ministry you are dealing with.



File: 1070-40/VCRP2015-003
Cliff: 220615

March 1, 2016

Martin Watts
FORCOMP Forestry Consulting Ltd
A - 827 Queens Avenue
Victoria, British Columbia
V8T 4V8

Dear Martin Watts:

Re: Vendor Complaint Review Process (VCRP) Submission NRS2015-03

I am responding, in my capacity as Assistant Deputy Minister responsible for the Forest Analysis and Inventory Branch that undertook the procurement on behalf of the Ministry of Forests Lands and Natural Resource Operations (the Ministry), to the complaint you submitted directly to me via email regarding Short Form Request for Proposal #OT16FHQ234 (the SFRP).

In your February 1, 2016 email correspondence to me, you identified three areas of complaint; however one of these was beyond the scope and purpose of the VCRP. As such I will restrict my comments to your three original areas of concern as per your VCRP (NRS2015-03) submitted on November 25, 2015:

s.17,s.21

Page 1 of 2

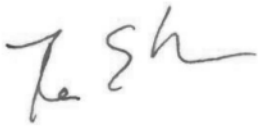
In reviewing your complaint, I am satisfied that the decision made by the Director was reasonable and that the branch complied with government's procurement policies and procedures.

The vendor complaint resolution process in general is intended to provide suppliers with a mechanism to raise concerns regarding government's procurement processes in order to identify ways to make continuous improvements in those processes.

The VCRP includes a provision that, should you not be satisfied with this response, you may apply to the next sequential level of government being the Procurement Governance Office (PGO) within the Ministry of Finance. For more information on the PGO review process, please see: www.fin.gov.bc.ca/ocg/pgo/VCRP.htm.

I trust this explains the Ministry's position on this matter.

Yours truly,



Tom Ethier
Assistant Deputy Minister
Resource Stewardship Division

pc: Albert Nussbaum, Director, Forest Analysis and Inventory Branch
Vicky Taylor, Senior Procurement Specialist, Financial Services Branch

File: 1070-40/VCRP2015-003

Dec 15, 2015

Mr. Martin Watts
FORCOMP Forestry Consulting Ltd.
A – 827 Queens Avenue
Victoria, British Columbia
V8T 4V8

Dear Mr. Martin Watts:

Re: Vendor Complaint Review Process Submission NRS2015-03

I am writing in response to the complaint you submitted to the Ministry of Forests, Lands and Natural Resource Operations via email to Ms. Vicky Taylor regarding the Short Form Request for Proposal #OP16FHQ234 (the SFRP) on November 25, 2015. This matter has been referred to me for reply in my capacity as Director responsible for the Forest Analysis and Inventory Branch (FAIB) which undertook the procurement on behalf of the Ministry.

In your email, you have identified three issues with the SFRP and associated process with which you have a complaint. In reviewing your complaint with the assistance from both legal and procurement staff, I am satisfied that your complaint is not reasonable and that the Ministry has complied with the government's procurement policies and process.

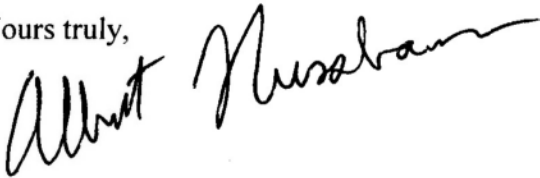
s.17,s.21

The vendor complaint resolution process (VRCRP) in general is intended to provide suppliers with a mechanism to raise concerns regarding government's procurement processes in order to identify ways to make continuous improvements in those processes. I have noted your concerns but do not regard them as applicable in these circumstances as noted above. My conclusions are based on discussions with both legal services and procurement staff.

However, in accordance with the VCRP, should you not be satisfied with this response, you may apply for a second review of your complaint. For more information on the Procurement Governance Office review process, please see: www.fin.gov.bc.ca/ocg/pgo/VCRP.htm.

I trust this explains the Ministry's position on this matter.

Yours truly,

A handwritten signature in black ink, appearing to read 'Albert Nussbaum', written over a horizontal line.

Albert Nussbaum, RPF
Director, Forest Analysis and Inventory Branch
Ministry of Forests, Lands and Natural Resource Operations

pc: Pat Martin, Manager, Inventory Section, Forest analysis and Inventory Branch
Vicky Taylor, Senior Contract Procurement Specialist, Financial Services Branch

Page 023

Withheld pursuant to/removed as

s.21;s.17

Questions received on OT16FHQ234 – Assemble, Compile and Report on Growth and Yield Experiment Data

1. What is the rationale for restricting experience on projects of similar scope and complexity to the past 5 years as the only mandatory requirement? For example, has there been some major advance in how this work is done that a contractor must have experience with?

Answer - Skills decline if they have not been used in a long time. This mandatory helps ensure that proponents have knowledge and skills required for the work that are reasonably sharp and current.

2. Can experience gained through direct award contracts from FAIB be used?

Answer – Experience can be obtained from many sources, including all types of contracts with FAIB, work for other organizations, and so on.

3. Is there any reason that you are differentiating between what you refer to as “growth and yield experiment data” and other types of growth and yield data in terms of data validation and compilation procedures?

Answer – This is to help Proponents understand the situation. Of the many existing experiments, only a subset that is best suited to long-term stand growth and yield analysis is in-scope for the work outlined in this RFP.

4. Does the work include developing a new repeat measure height-diameter curve fitting routine or using the methodology developed for compiling sample plot data for VDYP7 calibration (Flewelling)? If the current methodology is to be used, what format will it be provided in?

Answer – In an RFP, the ministry describes the problem/situation and broad goals, and the proponent proposes an approach to address the problem/situation and meet the goals. Detailed instructions on how to complete each work step are not provided. In this case, the RFP identifies the need to address height-diameter repeat measures and the goal of compilation compatible with other data compilations undertaken by FAIB. Proponents are to propose approaches consistent with the RFP and the proposed approaches will be scored (see Section 5 of Appendix A, SFRFP).

5. Does the work include developing a new tree volume estimation routine that is more compatible/consistent with TASS tree volumes?

Answer – There is no mention of this in the RFP. However, in an RFP Contractors are invited to propose approaches that provide additional benefits to the Province. See SFRFP Appendix A, Section 5.

6. The SRFP indicates compilation methods should be consistent with current methods used by FAIB to compile data. As part of the contract, is FAIB open to changes in current compilation procedures? As an example, I have previously pointed out that the FAIB method for calculating mortality when subplots are involved is incorrect. The Merritt YSM analysis also indicates current FAIB methods are incorrect.

Answer – A data compilation broadly consistent with the compilations of our other data sets is desired. If the proponent believes that there is an error, we are open to proposals that offer improvement while maintaining consistency to the degree practicable.

7. What are considered “relevant degrees attained” and how much does this contribute to the evaluation?

Answer – Academic credentials are evaluated as part of the Team’s Experience and Qualifications. This component is worth 65 of 100 points. A graduate degree in forest mensuration would be one example of a relevant degree.

8. Are the current data screening and compilation procedures used by Forest Practices Branch for growth and yield field experiments involving the effects of various harvesting and stand management treatments (partial cutting, thinning, fertilization) and regimes (planting and post-thinning densities, fertilizer regimes) on growth not considered sufficient? I am referring to the ones listed in a previous FPB ITT (1070-30/RE14FHQ335).

Answer – A variety of data sets are potentially in-scope for this contract. These various data sets have received varying degrees of data screening. In recognition of this, the RFP calls for a component of data screening in the proposed approach.

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Thursday, April 14, 2016 1:41 AM
To: FIN OCG Procurement Governance FIN:EX
Subject: Vendor Complaint NRS2015-03 - item 2 - FW: Vendor Complaint NRS2015-03
Attachments: Vendor complaint - SFRP OT16FHQ234; FAIB_response_1_of_2.jpg; FAIB_response_2_of_2.jpg; - assemble compile and report on GY experiment data Appendix.pdf; srfp-assemble compile and report on GY experiment data.pdf; Questions received on OT16FHQ234.pdf; FAIB PSP compilation question; Phone call

Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Monday, February 01, 2016 8:37 AM
To: tom.ethier@gov.bc.ca
Subject: Vendor Complaint NRS2015-03

Tom Ethier,

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- My complaint to the VCRP (***Vendor_complaint – SRFP OT16FHQ234***)
- The response from Albert Nussbaum which I received on December 21, 2015 (***FAIB_response_1_of_2.jpg*** and ***FAIB_reponse_2_of_2.jpg***)
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- Errors in the 2015 FAIB PSP data compilation (***FAIB PSP compilation question***)
- My response to a phone call from Albert Nussbaum (***Phone call***)

s.17,s.21

Page 027

Withheld pursuant to/removed as

s.21;s.17

s.17,s.21

s.22

Take care,

Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Thursday, April 14, 2016 1:36 AM
To: FIN OCG Procurement Governance FIN:EX
Subject: Vendor Complaint NRS2015-03 - item 1 - FW: Vendor complaint - SFRP OT16FHQ234
Attachments: Complaint 19 - emails 1 to 11; Questions received on OT16FHQ234.pdf;
VCRP_Form.pdf.jpg

*Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net*

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Wednesday, November 25, 2015 8:57 AM
To: Taylor, Vicky CSNR:EX
Subject: Vendor complaint - SFRP OT16FHQ234

Hi Vicky,

Unfortunately I find myself submitting another vendor complaint. This one is for SRFP No. OT16FHQ234.

s.17,s.21

Page 030

Withheld pursuant to/removed as

s.21;s.17

Take care,

Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Thursday, April 14, 2016 1:34 AM
To: FIN OCG Procurement Governance FIN:EX
Subject: Vendor Complaint NRS2015-03 - item 3 - FW: Vendor Complaint NRS2015-03
Attachments: VCRP Submissiin NRS2015-0320160301.pdf

Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net

From: Larkin, Brenda FLNR:EX [mailto:Brenda.Larkin@gov.bc.ca]
Sent: Tuesday, March 01, 2016 4:33 PM
To: martin_watts@telus.net
Cc: Nussbaum, Albert F FLNR:EX; Taylor, Vicky CSNR:EX
Subject: RE: Vendor Complaint NRS2015-03

Mr. Watts,

Please find attached a letter from Tom Ethier in response to your email of February 1st. The original will not be mailed.

Brenda Larkin

Executive Administrative Assistant
Resource Stewardship Division
Ministry of Forests, Lands and Natural Resource Operations
780 Blanshard Street, Victoria
Ph: 250 356-0972

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Monday, February 1, 2016 8:37 AM
To: Ethier, Tom FLNR:EX
Subject: Vendor Complaint NRS2015-03
Tom Ethier,

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Page 033

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Take care,

Martin Watts MScF, RPF, EP(GHG)
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Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Thursday, January 21, 2016 11:56 AM
To: Nussbaum, Albert F FLNR:EX
Subject: Phone call

Hi Albert,

This email is just to document your phone call to me this morning.

s.22

Take care,

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From: Martin Watts <martin_watts@telus.net>
Sent: Tuesday, January 19, 2016 8:44 AM
To: Martin, Pat J FLNR:EX
Cc: Nussbaum, Albert F FLNR:EX
Subject: FAIB PSP compilation question
Attachments: psp_potential_applications_of_growth_natural_psp.pdf; data_2014_2015.xlsx

Hi Pat,

s.17,s.21

Take care,

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PSP Strategy Project

(Contract No. 1070-20/OT15FHQ250)

Potential Applications of Growth Natural PSPs for MPB- Impact Analyses

Prepared for:

**Forest Analysis and Inventory Branch
BC Ministry of Forests, Lands and Natural Resource Operations
Victoria, BC**

Prepared By:

**Dr. A.Y. Omule
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15 August 2015

EXECUTIVE SUMMARY

This report is part of the Growth Natural Permanent Sample Plots (GN-PSP) Strategy Project. It outlines the application of the GN-PSP data to study post-mountain pine beetle (MPB) attack impacts, including stand development modelling, natural regeneration analysis, tree mortality modelling and updating MPB-area maps. It illustrates some of these applications, where possible, using example GN-PSP data from the MPB study GN-PSPs provided by the Forest Analysis and Inventory Branch (FAIB) (Contact: Rene de Jong). There were a total of 142 MPB-impacted PSPs that were before and after MPB attack. Also discussed are the proposed extra attributes to be collected in the GN-PSPs falling in the MPB-impacted areas.

ACKNOWLEDGEMENTS

I thank the FAIB staff who provided background information on the GN-PSP Program or reviewed an earlier draft of this paper: Rene de Jong, Sam Otukol, and Wenli Xu. Finally, I thank Tamara Brierley for providing the relevant project documents and smoothly managing this Project contract.

TABLE OF CONTENTS

ACKNOWLEDGEMENTS	II
LIST OF TABLES.....	III
LIST OF FIGURES.....	III
ABBREVIATIONS AND ACRONYMS.....	V
1. INTRODUCTION	1
2. PRE- AND POST-ATTACK STAND DESCRIPTIONS	1
3. STAND DEVELOPMENT MODELLING.....	3
4. NATURAL REGENERATION ANALYSIS	7
5. TREE MORTALITY MODELLING.....	8
6. UPDATING MPB-AREA MAPS.....	9
7. PROPOSED EXTRA MPB ATTRIBUTES TO MEASURE.....	9
8. CONCLUSION	10
ANNEX 1: LIST OF THE 142 MPB-IMPACT STUDY PROJECT GN-PSPS.....	12
ANNEX 2: NATURAL REGENERATION DATA FROM 96 MPB-STUDY PROJECT GN-PSPS.....	16
ANNEX 3: PRELIMINARY PROCEDURES FOR MEASURING WEATHER CHECKS AND SPIRAL GRAIN.....	21

LIST OF TABLES

Table 1. Pre- and post-MPB attack means and standard errors (in brackets) for selected stand attributes. DP stands for dead potential (trees with at least 50% sound wood) and DU for dead useless (trees with less than 50% sound wood).....	1
Table 2. Analysis of risk factors and probability of tree mortality.....	9
Table 3. Proposed list of additional attributes in pest/disease damaged PSPs. The attributes are listed in priority.....	10

LIST OF FIGURES

Figure 1. Pre- and Post-MPB attack density (live trees/ha, including ingrowth). The diagonal arrow line shows the line of correspondence (LoC) between the pre-and post-attack density. Some plots are above the LoC likely due to ingrowth.	2
Figure 2. Pre- and Post-MPB attack total volume (m ³ /ha; live trees, including ingrowth). The diagonal arrow line shows the line of correspondence (LoC) between pre- and post-attack total volume. Some plots are above the LoC likely due to ingrowth.	2
Figure 3. Pre- and Post-MPB attack net merchantable volume (m ³ /ha; live trees, including ingrowth; 10 cm top diameter limit). The diagonal arrow line shows the line	

of correspondence (LoC) between pre- and post-attack merchantable volume. Some plots are above the LoC likely due to ingrowth.	3
Figure 4. Stand total volume development in the IDF pre- and post-MPB attack. The sharp drop in volume after the year 2000 is due to mortality likely mostly from the MPB attack. There was a drop in volume in some plots during the period 1985-1990, possibly also due to MPB.	4
Figure 5. Stand net merchantable volume development in the IDF pre- and post-MPB attack. The sharp drop in volume after the year 2000 is due to mortality likely mostly from the MPB attack. There was a drop in volume in some plots during the period 1985-1990, possibly also due to MPB.	4
Figure 6. Stand density development in the IDF pre- and post-MPB attack. The increase in the density is due to ingrowth, and the sharp drop after the year 2000 is due to mortality likely mostly from the MPB attack.	5
Figure 7. Stand total volume development in the SBS pre- and post-MPB attack. The sharp decrease in volume after the year 2000 is due to mortality likely mostly from the MPB attack.	5
Figure 8. Stand net merchantable volume development in the SBS pre- and post-MPB attack. The sharp decrease in volume after the year 2000 is due to mortality likely mostly from the MPB attack.	6
Figure 9. Stand density development in the SBS pre- and post-MPB attack. The initial increase in the density is due to ingrowth, and the sharp drop after the year 2000 is due to mortality likely mostly from the MPB attack.	6
Figure 10. Natural regeneration following MPB attack. The stem count includes all stems 0.3m-1.29 m tall (Class 0), and ≥ 1.3 m tall – 1.29 cm DBH (Class 1). Vertical bars represent (one) standard error.	7
Figure 11. Natural regeneration following MPB attack by small-tree class. The Class 0 includes all stems 0.3m-1.29 m tall and Class 1 includes all stems ≥ 1.3 m tall – 1.9 cm DBH. Vertical bars represent one standard error.	8

ABBREVIATIONS AND ACRONYMS

BC	British Columbia
EP	Experimental Project
FAIB	Forest Analysis and Inventory Branch
GN-PSP	Growth Natural Permanent Sample Plot
LoC	Line of Correspondence
MPB	Mountain Pine Beetle
PSP	Permanent Sample Plot
TASS	Tree and Stand Simulator model
TSR	Timer Supply Review
VDYP7	Variable Density Yield Prediction System
VRI	Vegetation Resources Inventory

1. INTRODUCTION

This report outlines some potential applications of the growth natural permanent sample plot (GN-PSP) data, for pre- and post-mountain pine beetle (MPB) impact analyses, including stand development and natural regeneration. It illustrates some of the applications, where possible, using example GN-PSP data.

The data used for illustration were a part of the MPB study PSPs. They were provided by the Forest Analysis and Inventory Branch (FAIB; Contact: Rene de Jong). There were a total of 142 MPB-impacted GN-PSPs that were re-measured in 2012 and 2013 (Annex 1). They were a part of a larger MPB impact study. The applications discussed include pre- and post-attack stand descriptions, stand development modeling, regeneration analysis, tree mortality modeling, and MPB-area maps update. Also discussed are the extra attributes proposed to be collected in the GN-PSPs falling in the MPB areas.

2. PRE- AND POST-ATTACK STAND DESCRIPTIONS

A sub-set of 23 PSPs from the 142 PSPs was selected to illustrate use of PSP data to study selected pre- and post-attack stand attributes. The criteria for the selection were that the PSPs were established during the period 1997-2000 and remeasured during the period 2012-2013. These plots varied in terms of stand attributes descriptions, such as pre-MPB PI % composition and stand age. Pre- and post- MPB attack stand attributes statistics (means and standard errors) were calculated (Table 1); and individual plot summaries were graphed (Figures 1 to 3). The selected attributes were stand density, total (whole stem) volume and net merchantable (to a 10-cm top diameter limit) volume of live trees (including ingrowth), dead potential trees (DP; trees with at least 50% sound wood) and dead useless trees (DU; trees with less than 50% sound wood).

As expected, there was a drop in the magnitude of all the live-tree attributes, and an increase in the amount of dead material, after the MPB attack. These tables and figures can be used to explain to forest managers and practitioners the impact of MPB attack on stand attributes.

Table 1. Pre- and post-MPB attack means and standard errors (in brackets) for selected stand attributes. DP stands for dead potential (trees with at least 50% sound wood) and DU for dead useless (trees with less than 50% sound wood).

MPB attack	Density (trees/ha)			Total Volume (m ³ /ha)			Net Merch. Volume (m ³ /ha)		
	DU	DP	Live	DU	DP	Live	DU	DP	Live
Pre-MPB	45 (6)	9 (16)	2568 (388)	5.4 (0.9)	1.3 (2.6)	214.1 (28.4)	0.9 (0.6)	2.0 (1.1)	134.0 (22.9)
Post-MPB	485 (70)	245 (93)	2395 (415)	118.2 (11.9)	18.1 (24.6)	130.4 (17.7)	5.6 (4.2)	45.1 (10.4)	64.3 (12.7)

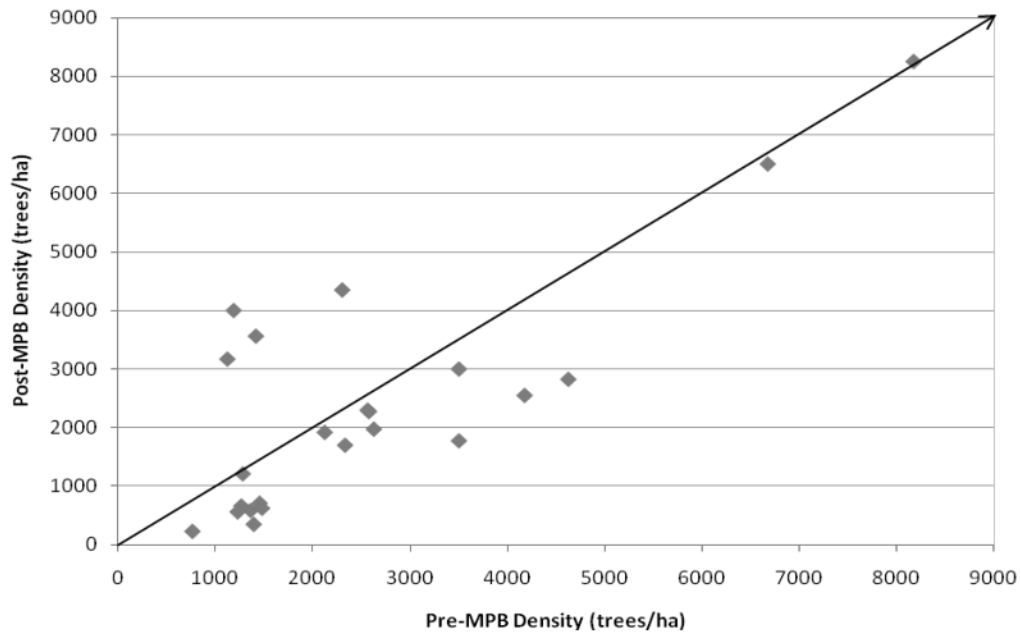


Figure 1. Pre- and Post-MPB attack density (live trees/ha, including ingrowth). The diagonal arrow line shows the line of correspondence (LoC) between the pre-and post-attack density. Some plots are above the LoC likely due to ingrowth.

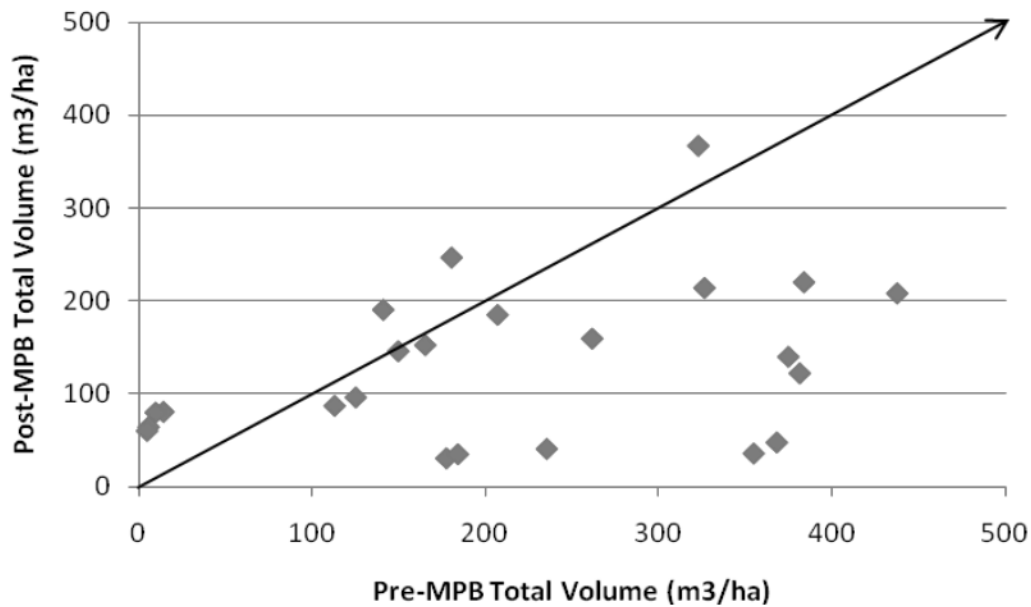


Figure 2. Pre- and Post-MPB attack total volume (m³/ha; live trees, including ingrowth). The diagonal arrow line shows the line of correspondence (LoC) between pre- and post-attack total volume. Some plots are above the LoC likely due to ingrowth.

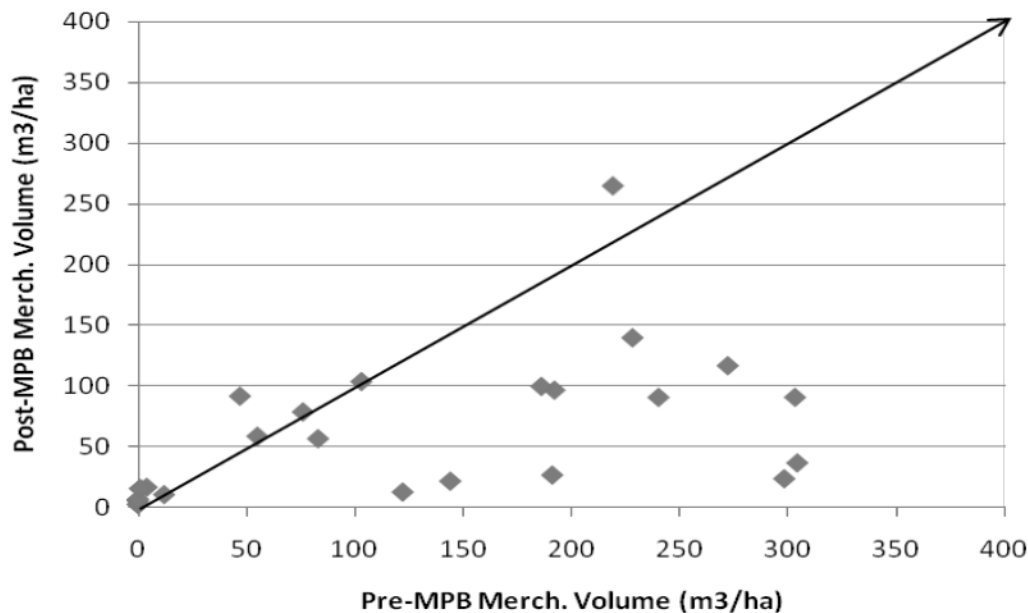


Figure 3. Pre- and Post-MPB attack net merchantable volume (m^3/ha ; live trees, including ingrowth; 10 cm top diameter limit). The diagonal arrow line shows the line of correspondence (LoC) between pre- and post-attack merchantable volume. Some plots are above the LoC likely due to ingrowth.

3. STAND DEVELOPMENT MODELLING

Stand development, in terms of stand density, total volume and net merchantable volume, was studied in the IDF and SBS zones using a sub-sample of GN-PSPs with five or more measurements. These two zones each had a reasonable number of PSPs (9 and 11, respectively). Individual plot development was graphed over time, and the trends examined.

The results clearly show the sharp drop in stand density and total and net merchantable volume following the MPB attacks (Figures 4 to 9). Thus, the PSPs could be used study stand development, similar to the work done by Amoroso, *et al.* (2013),¹ who used dendrochronological techniques. These stand development trends can be used to re-calibrate (define the upper limit of the prediction space of MPB-damaged stands) for models such as TASS and VDYP7, to account for the excessive mortality due to MPB.

¹ Amoroso, M.M., K.D. Coates and R. Astrup. 2013. Stand recovery and self-organization following large-scale mountain pine beetle induced canopy mortality in northern forests. *For. Ecology and Manage.* 310: 300-311.

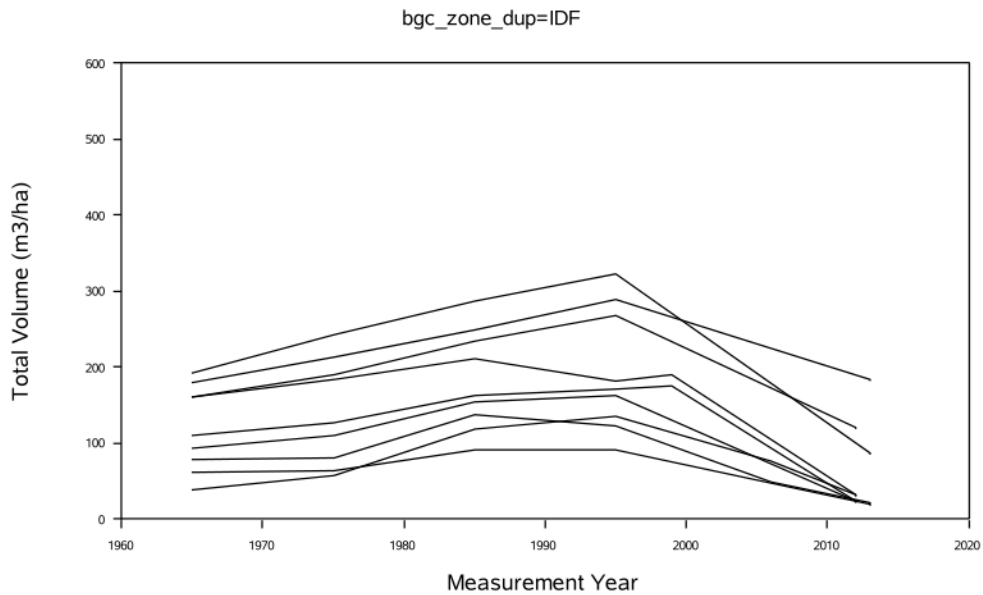


Figure 4. Stand total volume development in the IDF pre- and post-MPB attack. The sharp drop in volume after the year 2000 is due to mortality likely mostly from the MPB attack. There was a drop in volume in some plots during the period 1985-1990, possibly also due to MPB.

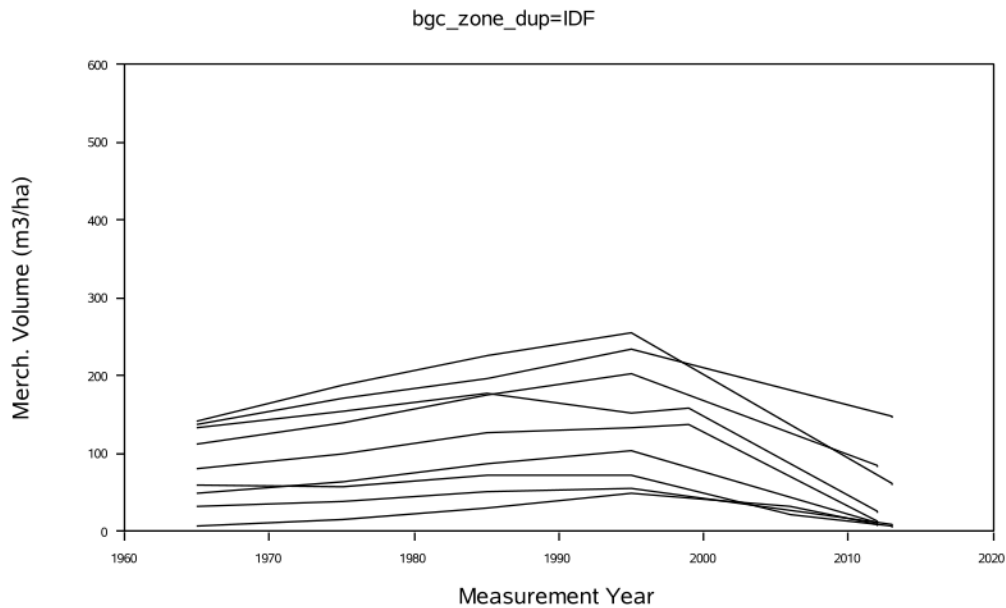


Figure 5. Stand net merchantable volume development in the IDF pre- and post-MPB attack. The sharp drop in volume after the year 2000 is due to mortality likely mostly from the MPB attack. There was a drop in volume in some plots during the period 1985-1990, possibly also due to MPB.



Figure 6. Stand density development in the IDF pre- and post-MPB attack. The increase in the density is due to ingrowth, and the sharp drop after the year 2000 is due to mortality likely mostly from the MPB attack.

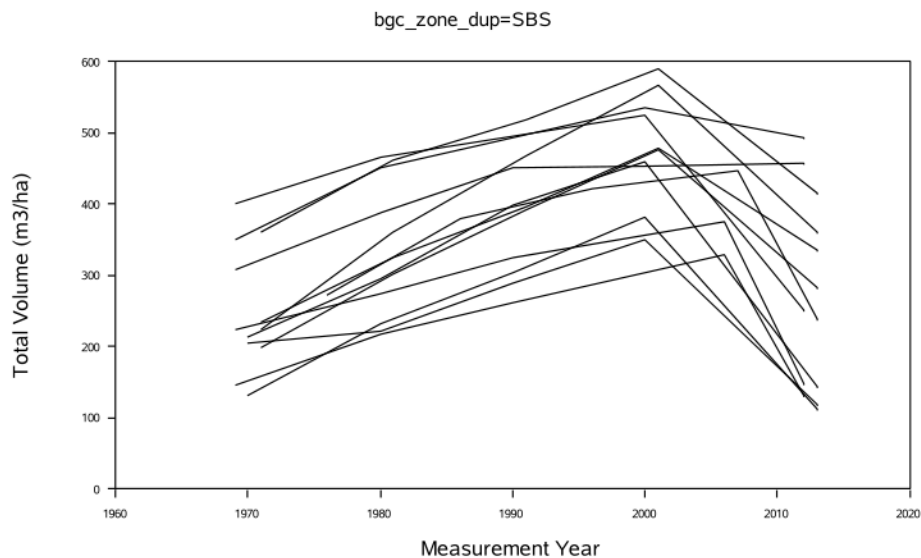


Figure 7. Stand total volume development in the SBS pre- and post-MPB attack. The sharp decrease in volume after the year 2000 is due to mortality likely mostly from the MPB attack.

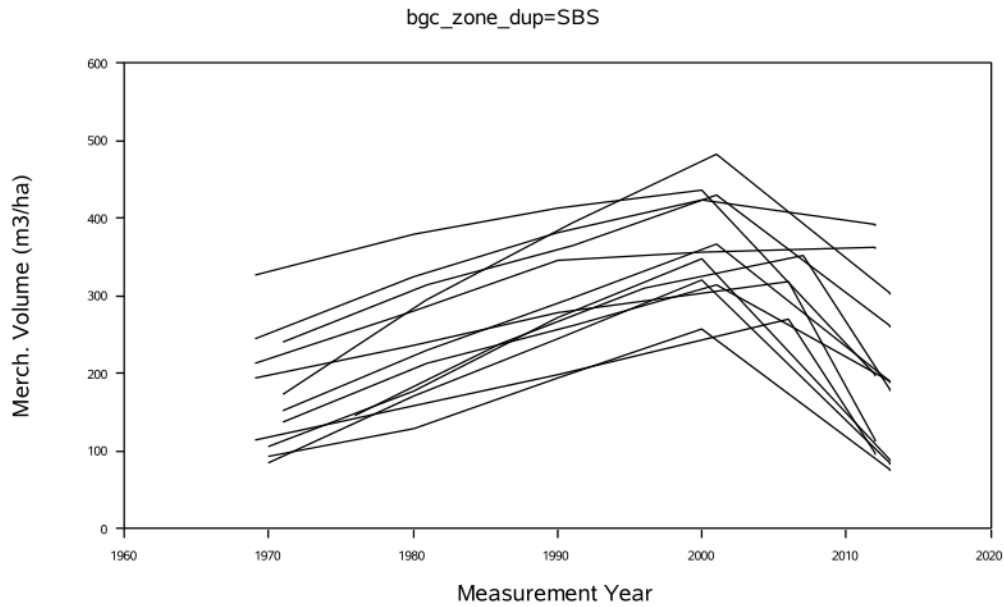


Figure 8. Stand net merchantable volume development in the SBS pre- and post-MPB attack. The sharp decrease in volume after the year 2000 is due to mortality likely mostly from the MPB attack.

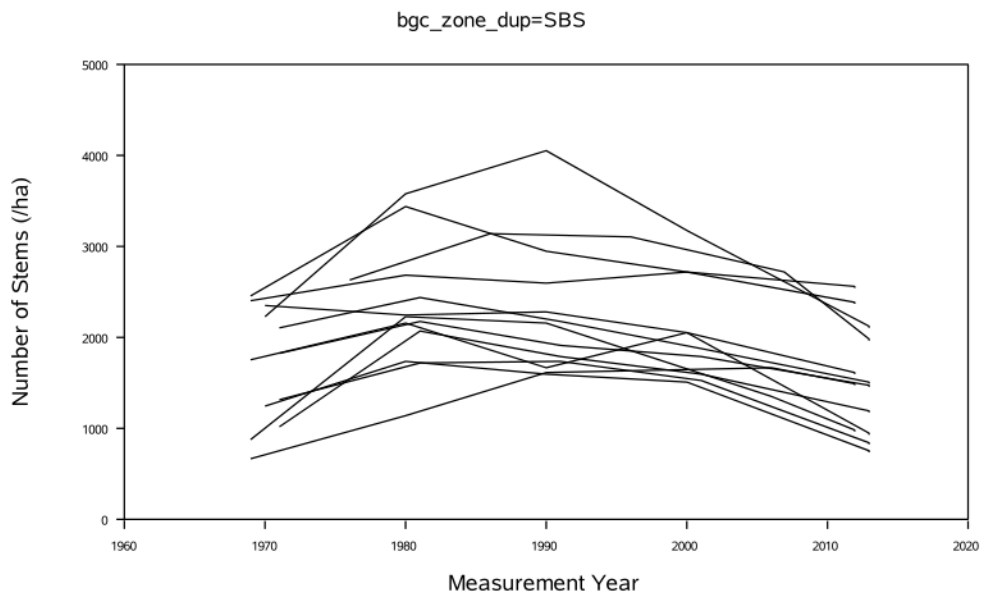


Figure 9. Stand density development in the SBS pre- and post-MPB attack. The initial increase in the density is due to ingrowth, and the sharp drop after the year 2000 is due to mortality likely mostly from the MPB attack.

4. NATURAL REGENERATION ANALYSIS

Out of the 142 study PSPs, 96 had natural regeneration (NR) following the MPB attack (Annex 2). Natural regeneration data collected in 2012-2013 included tallies of small-tree stems in sub-plots in two classes: Class_0 (stems 0.3 m-1.29 m tall) and Class_1 (stems > 1.29 cm DBH & < 1.9 cm DBH). The sub-plot sizes varied among the PSPs. To illustrate natural regeneration analysis, descriptive statistics of the stem counts were calculated by species and small-tree classes from the NR data from the 96 PSPs.

For this example data set, most of the natural regeneration consisted of Cw, Sw and Bl species (Figure 10), and most of the regeneration was concentrated in the stems 0.3 m-1.29 m tall (Figure 11). Knowledge of information like this could contribute to TASS re-calibration efforts or use of TIPSYS in timber supply review.

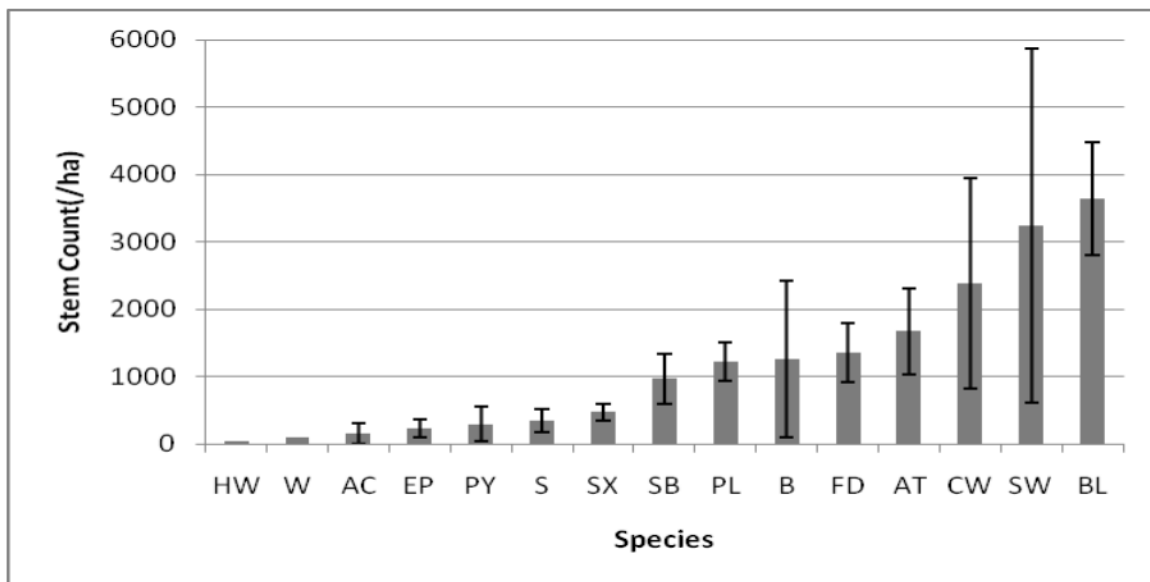


Figure 10. Natural regeneration following MPB attack. The stem count includes all stems 0.3m-1.29 m tall (Class 0), and ≥ 1.3 m tall – 1.29 cm DBH (Class 1). Vertical bars represent (one) standard error.

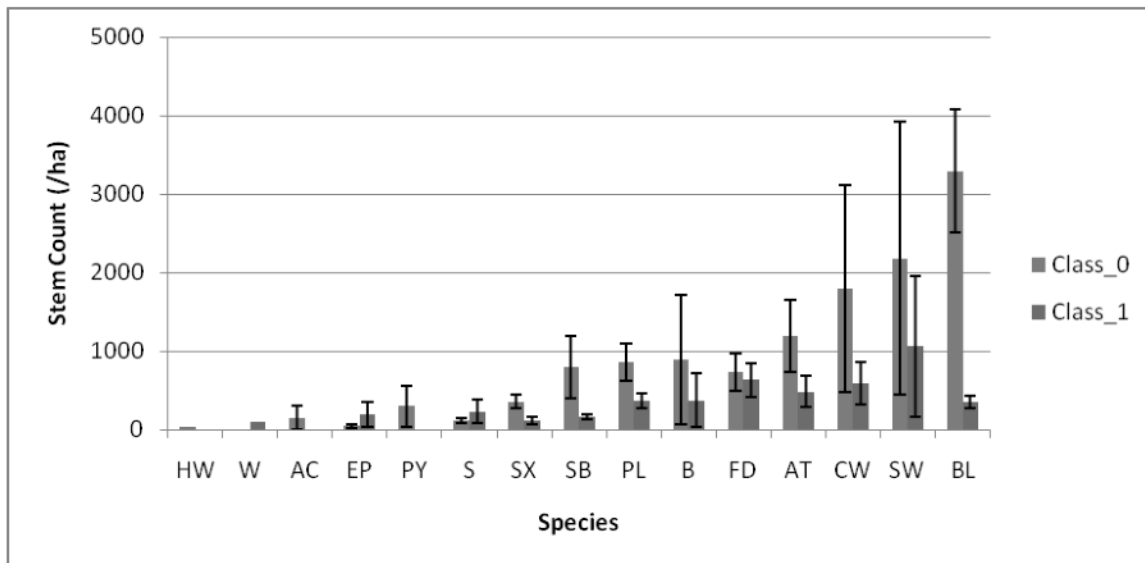


Figure 11. Natural regeneration following MPB attack by small-tree class. The Class 0 includes all stems 0.3m-1.29 m tall and Class 1 includes all stems ≥ 1.3 m tall – 1.9 cm DBH. Vertical bars represent one standard error.

5. TREE MORTALITY MODELLING

Tree mortality modeling has been done by several researchers. For example, Lee, et al. (undated)² used experimental plot (EP) data to jointly model tree growth and mortality in coastal BC. They could have used the GN-PSPs as well, since some of these have longer remeasurement periods than the EP data they used.

We illustrate how to use the MPB-impacted PSP data to model the risk factors (past tree pathological measurements) that may be related to tree mortality. This is based on the work done by Omule (2007).³ The data used in this study consisted of individual-tree remeasurements at Time 1 and Time 2, which correspond to pre-MPB and post-MPB measurements, respectively, from the 142 PSP MPB study data provided by FAIB. Only the lodgepole trees were used in this exploratory analysis; there were a total of 8,180 lodgepole pine trees alive at Time 1.

The pathological factors investigated were: broken top (BRKNTOP), mistletoe (MISTLE), frost-crack (FROST), scar (SCAR), fork/crook (FKCROOK), conk (CONK), dead top (DTOP) and blind conk (BL_CONK). Only the presence/absence of these pathological attributes was investigated; the location of the defect on the tree bole was not.

None of the factors examined were statistically significant (95% probability), except for dead top (DTOP) (Table 2; Wald chi-square). This suggests that, for this example dataset,

² Lee, T.C.K., C.B. Dean, L. Zeng, R. Parish, I. Cameron, and J.W. Goudie. (Undated). Joint modeling of tree growth and mortality using data from permanent sample plots in coastal British Columbia. Draft report.

³ Omule, A.Y. 2007. Exploratory statistical analysis of dead tree data from inventory growth & yield permanent sample plots. Contract report to FAIB, Victoria, BC.

past presence of fork/crook, mistletoe, broken top and insect/disease damage were not important risk factors affecting tree mortality. However, these results may be confounded by several factors, including tree age, and the short observation period (approximately 10 years).

Table 2. Analysis of risk factors and probability of tree mortality

Analysis of Maximum Likelihood Parameter Estimates (GENMOD output)					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-1.9121	0.5942	10.36	0.0013
SCAR	0 1	-0.0119	0.0557	0.05	0.8310
SCAR	1 0	0.0000	0.0000	.	.
FKCROOK	0 1	-0.0392	0.0515	0.58	0.4456
FKCROOK	1 0	0.0000	0.0000	.	.
FROST	0 1	0.0106	0.4745	0.00	0.9822
FROST	1 0	0.0000	0.0000	.	.
MISTLE	0 1	0.5044	0.3467	2.12	0.1457
MISTLE	1 0	0.0000	0.0000	.	.
DTOP	0 1	-0.7820	0.0925	71.42	<.0001

6. UPDATING MPB-AREA MAPS

The recent re-measurement data from GN-PSPs are normally considered as potential data sources for VRI Phase I photo-interpretation (Data Source Code 19), to aid in estimating stand species composition, age and height.⁴ These data, however, cannot be used for VRI statistical adjustment because the PSPs are subjectively located.

Applications should be explored for using, not only the recent measurements, but also the past measurements in the photo interpretation. For, example, the GN-PSP data could be used to check the polygon history data, such as past pest damage and year of infestation.

7. PROPOSED EXTRA MPB ATTRIBUTES TO MEASURE

Several attributes have been proposed to be collected in PSPs that are pest damaged (including MPB areas), with residual basal area more than 5%, or more than five trees killed by beetles, defoliators or root rot. These additional attributes, which were proposed by K. Hardy of FAIB, are given in Table 1:⁵

⁴ MFLNRO FAIB. 2012. Vegetation Resources Inventory Photo Interpretation Procedures. Version 2.8. Victoria, BC.

⁵ Information provided by Kevin Hardy of FAIB, dated September, 2014.

Table 3. Proposed list of additional attributes in pest/disease damaged PSPs. The attributes are listed in priority.

<i>Attribute</i>	<i>Description</i>
1.	Stem mapping of either live trees dbh > 4 cm or dead trees > 10 cm dbh, whichever is less effort.
2.	Heights on all dead standing plot trees killed by Beetle or Defoliator or Root Rot.
3.	Heights on all suitable live plot trees to nearest 0.1 m.
4.	Heights to Live crown on Live Height trees.

This list of proposed attributes (Table 3) is reasonable, except for the stem mapping (Attribute 1) and heights of live trees (Attribute 3). For the stem maps to be most useful, both live and dead trees must be stem mapped. For tree heights, there should be a clear explanation of what “suitable live plot trees” means, and an evaluation of the additional cost of measuring heights of more trees.

Data on wood quality should also be considered, to enable quantification of shelf life in the MPB-attack areas. The tree attributes suggested by Bob Macdonald, namely, length of weather checks and spiral grain displacement, should be tested again, possibly on a sample of trees, before implementation. Further details of these procedures for measuring weather checks and spiral grain are given in Annex 3 (copied from the report by Omule (2007)).²

Stone, et al (2002)⁶ recommend continued collection of data on standing dead-tree dynamics – track dead standing trees until they are dead fallen. This should be done in the MPB-attack areas, if it is not already being done. These data can be used, for example, for modeling the probability of a dead standing tree of a given diameter becoming dead fallen in the future. These models have been integrated into GY models such as TASS, to help understand characteristics of wildlife patches, as well as safety concerns.

8. CONCLUSION

This report has demonstrated potential applications of the GN-PSPs for MPB-related analyses. The applications discussed include stand development modeling, natural regeneration analysis, modeling tree mortality, and updating MPB-area maps. Also discussed are the proposed extra attributes to be collected in the GN-PSPs falling in the MPB areas. The data used for illustration were from the MPB study GN-PSPs provided by the Forest Analysis and Inventory Branch (FAIB) (Contact: Rene de Jong). There were a total of 142 MPB-impacted PSPs that were re-measured in 2012 and 2013, a part of a

⁶ Stone, J, J. Parminster, and J. Braz. 2002. Standing dead tree dynamics extracted from growth and yield permanent sample plots in British Columbia. USDA Forest Service, Gen. Tech. Rep. PSW-GTR-181.

larger MPB impact study. The overall conclusion is that the GN_PSP data are useful in describing pre-and post-MPB attacked stand status, and modeling natural regeneration, stand development and tree mortality in MPB areas, and other uses. Remeasurement of these MPB-impacted PSPs should be continued.

ANNEX 1: LIST OF THE 142 MPB-IMPACT STUDY PROJECT GN-PSPs

The list of the subset of 142 MPB-impacted study plots is shown in the table below, along with plot level attributes. The site index, total age and top height are for the leading species; Dbhq is quadratic mean DBH, WSV is whole stem volume, NMV10 is net merchantable volume to a 10-cm top (net decay). These data were a part of a larger MPB impact study provided by the Forest Analysis and Inventory Branch (FAIB) (Contact: Rene de Jong).

<i>PSP Sample ID</i>	<i>BGC zone</i>	<i>Yr est.</i>	<i>Dbhq (cm)</i>	<i>Stems/ha</i>	<i>WSV/ha (m3/ha)</i>	<i>NMV10/ha (m3/ha)</i>	<i>Species composition (% by basal area)</i>	<i>Site Index (m)</i>	<i>Total Age (yrs)</i>	<i>Top height (m)</i>
25021 G000004	IDF	1972	16.1	2260	331	248	PL73FD24SE2BL1	24	38	18
34001 G000006	IDF	1972	22.1	445	100	82	FD65PY35	16	77	19
35001 G000001	PP	1993	18.7	980	169	141	PY97FD2JR1	10	127	19
47007 G000001	IDF	1977	18.0	484	80	60	FD64PL34AT2	14	86	17
47009 G000002	SBPS	1991	5.3	2800	15	0	PL100	20	10	6
47013 G000003	IDF	1994	26.3	850	458	246	AT99FDI1W0	16	114	25
47013 G000004	IDF	1994	22.1	760	300	176	AT87PL10AC2W1SX1FD0	19	98	26
47017 G000007	IDF	1992	13.5	2120	246	194	FD100PL0	15	181	27
47026 G000003	IDF	1965	16.4	1273	193	143	PL90FD9SX1	13	105	18
47026 G000007	IDF	1965	15.0	1137	160	112	PL96FD4	16	72	18
47026 G000008	IDF	1965	17.7	1001	179	139	PL53FD47	18	65	19
47029 G000001	IDF	1965	18.9	733	161	133	PL99FD1	16	64	18
47029 G000002	IDF	1965	16.4	713	109	81	PL100	15	73	18
47030 G000001	IDF	1965	13.2	741	62	33	PL100	13	82	16
47030 G000002	IDF	1965	16.7	512	78	59	PL100	13	86	16
47030 G000007	IDF	1965	10.9	847	40	7	PL100	11	129	14
47030 G000008	IDF	1965	13.3	1077	94	48	PL100	14	80	16
47057 G000002	IDF	1991	11.1	1650	52	17	FD71PY29AT0	15	44	12
47057 G000003	IDF	1991	10.5	3000	88	33	FD57PY42AT1	13	60	13
47059 G000001	IDF	1991	9.4	1634	46	27	FD66PL34	11	82	13
47059 G000002	IDF	1991	6.8	1840	18	0	PL98FD1AT1	-99	21	7
48011 G000001	MS	1998	10.2	3500	150	55	PL100	10	79	13
48011 G000002	MS	1998	8.5	6675	180	47	PL100	11	62	11
48011 G000003	MS	1998	7.5	8175	141	4	PL100	8	72	10
48012 G000002	IDF	1992	6.8	1033	9	1	FD88PL12W1	14	55	8
48013 G000003	MS	1998	5.4	1184	5	0	PL100	14	18	4
48013 G000004	MS	1998	26.1	760	368	304	PL98S2	13	186	22
48013 G000005	MS	1998	5.2	1120	5	0	PL100	13	17	4
48013 G000006	MS	1998	20.1	1450	382	304	PL92BL5S3	10	203	19
48014 G000002	MS	1998	5.9	2300	14	0	PL100	15	29	5
48014 G000004	MS	1998	12.9	4175	384	192	PL100	8	230	17
48014 G000005	MS	1998	14.3	3500	438	272	PL94SX6	8	202	16

Applications of GN-PSPs for MPB-Impact Analyses

<i>PSP Sample ID</i>	<i>BGC zone</i>	<i>Yr est.</i>	<i>Dbhq (cm)</i>	<i>Stems/ha</i>	<i>WSV/ha (m3/ha)</i>	<i>NMV10/ha (m3/ha)</i>	<i>Species composition (% by basal area)</i>	<i>Site Index (m)</i>	<i>Total Age (yrs)</i>	<i>Top height (m)</i>
48014 G000006	SBPS	1998	15.3	2575	327	228	SX74PL26	6	219	20
48018 G000001	MS	1998	6.1	1413	9	1	PL82S17BL1	-99	19	5
48058 G000001	IDF	1991	12.6	2084	176	111	PL93FD4SB3	16	69	19
48059 G000005	IDF	1993	8.8	425	8	3	FD56PL31AT14	13	77	10
48060 G000005	IDF	1995	12.4	1238	74	47	FD48PL44AT8W0	15	60	14
48060 G000006	IDF	1995	7.8	7850	179	53	PL59FD39AT2	14	70	16
48089 G000002	SBPS		12.1	433	29	20	PL100	7	260	14
48089 G000008	SBPS		9.9	1811	76	25	PL100	4	231	10
48089 G000011	SBPS		16.9	356	64	48	PL100	11	134	18
48089 G000016	MS		16.9	878	149	111	PL100	9	223	18
48089 G000017	MS		18.4	211	51	41	PL100	13	227	21
55002 G000001	SBS	1995	7.4	4775	109	1	AT91W5SW2EP1FD0PLO	27	47	17
55013 G000001	SBPS	1995	12.3	3325	319	181	PL67SB33	16	95	21
55013 G000003	SBPS	1995	10.7	1850	97	41	PL90S7AT3	18	29	12
55015 G000001	SBS	1995	6.7	3450	36	1	BL82PL14SW4	18	26	7
55017 G000002	SBPS	1995	13.7	1270	141	108	PL72S24AT4	17	69	19
55018 G000013	SBPS	1970	11.0	1088	68	14	PL100	16	44	13
55018 G000024	SBS	1970	12.9	2237	213	105	PL99S1	21	40	16
55018 G000026	SBS	1970	12.6	2361	204	93	PL99S1	17	55	16
55018 G000034	SBS	1970	14.5	1261	131	85	PL100	21	33	14
55018 G000048	SBPS	1995	9.8	4025	162	67	SB79PL21	8	154	14
55020 G000001	SBS	1994	8.9	3000	93	16	PL93SB7SW0	20	31	11
55025 G000043	SBS	1994	17.3	1415	230	183	FD53PL47EP0	15	72	18
55026 G000003	SBPS	1995	7.0	1543	19	0	PL77BL21SW3	19	20	7
55026 G000004	SBPS	1995	9.7	4575	285	76	PL100	14	73	17
55030 G000002	SBPS	1993	9.6	4450	182	97	SB60PL40	9	87	11
55032 G000001	SBPS	1994	6.0	2450	21	0	PL99AC1	22	14	6
55033 G000001	SBPS	1993	8.0	7800	250	29	PL100	14	57	14
55056 G000001	SBPS	1994	13.0	1313	90	30	AT92W7PL1	13	79	15
55061 G000001	SBPS	1995	13.8	2140	242	134	AT54PL32SW9SB4	12	89	17
55061 G000002	SBPS	1995	9.1	4700	191	66	PL69SB31	14	65	16
55095 G000001	SBPS	1993	8.8	4850	174	28	PL100	9	88	13
56019 G000002	SBS	1993	16.2	2380	390	293	S65BL26FD5AT3CW1	16	74	20
56019 G000003	SBS	1995	8.2	4150	115	11	PL100FD0W0	22	25	12
56019 G000004	SBS	1995	11.2	2900	158	72	AT40PL39SW10AC5BL2EP2	22	27	14
56023 G000003	SBS	1993	5.7	1960	15	0	PL85AT9BL4SW2	22	15	6
56023 G000005	SBS	1993	6.4	2800	29	2	PL75BL10FD10S3EP1W1	21	17	7
56023 G000007	SBS	1995	5.6	3450	25	0	PL97SW3FD1	22	15	6
56049 G000054	ICH	1997	15.5	2120	323	218	AT33S24CW19BL12HW8FD4	20	93	26
56052 G000001	SBS	1991	8.3	2000	46	5	PL98AT1W1	23	23	9

Applications of GN-PSPs for MPB-Impact Analyses

<i>PSP Sample ID</i>	<i>BGC zone</i>	<i>Yr est.</i>	<i>Dbhq (cm)</i>	<i>Stems/ha</i>	<i>WSV/ha (m3/ha)</i>	<i>NMV10/ha (m3/ha)</i>	<i>Species composition (% by basal area)</i>	<i>Site Index (m)</i>	<i>Total Age (yrs)</i>	<i>Top height (m)</i>
56052 G000002	SBS	1996	4.7	1300	6	0	PL100	21	12	4
56053 G000100	SBS	1993	26.9	990	653	570	FD60PL34S4EP1	19	149	32
56054 G000006	SBS	1994	16.8	1634	253	165	AT47PL23SX22FD8	-99	57	18
56055 G000005	SBPS	1994	11.9	2825	285	163	PL98SX2	16	73	19
56055 G000006	SBS	1994	18.1	1330	293	236	PL54SX37AT6FD3W0	17	112	22
56055AG000008	ESSF	1994	7.8	1684	23	1	B63SX35AC1BL1	18	26	6
56057 G000002	ICH	1992	8.0	4325	106	4	PL96FD2CW1W1	17	31	11
56066 G000002	ICH	1992	8.9	4200	103	23	CW80HW6W6SE5AT2BL1	18	33	10
56067 G000002	ESSF	1993	12.7	3875	318	220	BL67S18PL15AT0	13	85	18
56069 G000001	SBS	1995	11.0	1880	107	56	PL58SW36FD5W1	20	30	14
56069 G000002	SBS	1991	8.9	2475	55	14	FD64PL19W11AC4AT3	23	49	11
57016 G000002	SBS	1994	19.1	1313	320	244	AT31PL31FD20SX17W1EP0	18	70	20
57017 G000008	SBPS	1994	6.7	2280	29	1	PL74AT26	23	21	8
57017 G000009	SBPS	1994	9.1	2975	108	33	PL78AT22	21	31	14
57017 G000010	SBPS	1994	7.5	4300	88	16	AT67PL33	15	37	10
57018 G000004	ICH	1993	16.4	1643	292	237	PL68S20FD11BL1W0	22	55	22
57018 G000006	ICH	1994	19.5	1772	545	452	FD47PL31EP12SX4AT4B1	20	96	27
60056 G000002	SBS	1991	7.3	7500	171	5	PL100SW0	16	46	14
60061 G000001	SBS	1992	8.5	2700	64	5	PL97SW3BL1	19	23	9
60070 G000001	SBS	1992	9.2	4050	109	22	PL64SW31BL5	19	28	10
60082 G000025	SBS	1993	18.5	1550	371	312	SW68PL28BL4	16	106	25
60114 G000002	SBS	1992	6.6	3425	35	0	BL66PL34	17	31	7
60132 G000038	SBS	1993	13.8	1525	168	128	PL86AT8W6	18	58	18
60136 G000003	SBS	1970	18.3	877	146	113	PL82BL12S6	17	50	16
60136 G000004	SBS	1970	24.1	667	224	195	PL100	16	67	18
60136 G000062	SBS	1993	16.8	2067	422	347	PL82SW12BL7	16	125	23
60136 G000063	SBS	1993	19.5	1850	519	437	PL61SW35BL4	18	122	25
60136 G000064	SBS	1993	18.7	1980	499	407	PL57BL38SW4	17	120	25
60137 G000029	SBS	1993	18.8	2134	509	407	BL52PL27SW20DR1	12	142	23
60148 G000023	SBS	1993	14.6	2434	325	265	PL55SW23BL22	18	87	22
60150 G000004	SBS	1970	15.2	2411	309	214	PL100	16	62	17
60150 G000007	SBS	1970	18.6	1759	400	327	PL99S0BL0	16	73	19
60150 G000009	SBS	1970	15.9	2470	350	245	PL92SW8BL1	15	69	17
60174 G000002	SBS	1994	12.0	3775	286	184	PL60SW40	20	52	18
66004 G000023	SBS	1992	13.3	3925	454	271	PL100	17	73	19
66004 G000024	SBS	1992	22.3	980	319	282	PL88SW12DR0BL0	21	60	21
66004 G000025	SBS	1992	13.0	2800	244	163	BL84SW16	14	92	19
66004 G000027	SBS	1992	11.2	4100	324	169	PL79SW12SB9W0	22	51	21
66006 G000012	SBS	1992	8.6	6525	194	20	PL100	15	43	12
66014 G000116	SBS	1992	15.5	1675	197	151	PL50SW35BL15	17	58	17

Applications of GN-PSPs for MPB-Impact Analyses

<i>PSP Sample ID</i>	<i>BGC zone</i>	<i>Yr est.</i>	<i>Dbhq (cm)</i>	<i>Stems/ha</i>	<i>WSV/ha (m3/ha)</i>	<i>NMV10/ha (m3/ha)</i>	<i>Species composition (% by basal area)</i>	<i>Site Index (m)</i>	<i>Total Age (yrs)</i>	<i>Top height (m)</i>
66014 G000117	SBS	1992	18.4	1786	418	333	PL62BL29SW10	-99	171	-99
66014 G000120	SBS	1992	7.9	7275	196	47	PL82SB18	12	64	13
66014 G000127	SBS	1992	26.3	700	398	341	PL70SW30W0	20	113	27
66014 G000128	SBS	1992	25.6	670	360	311	PL64SW35W1BL0	19	115	26
66022 G000045	SBS	1992	15.2	3400	602	453	PL92BL5SW3	16	118	23
67008 G000043	SBS	1993	12.5	3225	240	153	SW43PL28BL22W7DR1	14	66	15
67023 G000051	SBS	1993	13.5	860	76	53	PL100	12	95	15
67024 G000127	SBS	1993	23.1	1167	566	497	SW72BL15PL13	22	104	32
67024 G000128	SBS	1993	17.8	1263	221	179	SW70W12BL10PL8	17	68	19
68059 G000001	SBS	1994	13.1	2060	181	117	PL68SW30BL2W0	18	48	15
69009 G000001	SBS	2000	8.1	4625	125	12	PL89SB11	13	57	13
69018 G000001	SBS	1976	16.8	1483	223	162	AT43PL35SW16BL6	21	38	19
69018 G000010	SBS	1976	13.4	2694	268	145	PL100	18	49	16
69018 G000011	SBS	1976	14.3	2212	277	175	PL100	19	48	17
69018 G000013	SBS	1976	14.9	1956	196	126	BL40PL37SW20AT4	16	54	14
69018 G000017	ESSF	2000	18.6	1358	355	298	PL97SW2BL1	16	112	22
69018 G000018	SBS	2000	14.9	2329	262	186	PL31BL31SW26AT11SB0	17	66	19
69019 G000002	SBS	1976	17.0	909	123	88	PL57AT28SW15	17	48	16
69019 G000009	SBS	2000	11.3	2560	165	77	PL93SB7	13	72	15
69022 G000007	SBS	1976	13.3	2643	273	146	PL100	20	45	17
69022 G000015	ESSF	2000	12.4	2625	207	104	PL100	14	67	16
69022 G000016	ESSF	2000	14.5	1278	113	84	PL72SW17BL11	16	51	14
69022 G000018	SBS	2000	16.4	1263	235	191	PL92SW8BL0	14	120	21
69049 G000002	SBS	2000	13.8	1475	177	122	PL94SB3SW2W1AT0BL0	18	64	19
69053 G000014	ESSF	1998	21.2	1390	375	241	AT68SE14BL11PL4DM2W1	14	107	21
69062 G000001	SBS	1971	17.4	1018	199	153	PL49AT37EP14	25	41	20
69062 G000002	SBS	1971	14.3	1828	234	138	AT65PL32EP3	22	42	20
69062 G000005	SBS	1971	17.7	1324	224	174	PL35BL29SW19EP12AT4	22	39	16
69099 G000006	ESSF	2000	16.7	1225	184	144	PL89BL8SW1AT1W0EP0	15	73	17
69103 G000003	SBS	1971	16.1	2114	361	241	AT55PL29SW7BL5EP4	20	52	20

ANNEX 2: NATURAL REGENERATION DATA FROM 96 MPB-STUDY PROJECT GN-PSPs

Note: Class_0 is all stems 0.3 m-1.29 m tall; Class_1 is all stems > 1.3 m tall and DBH < 2.0 cm. Meas_no is the measurement number at the 2012/2013 assessment.

<i>SAMP_ID</i>	<i>Meas_no</i>	<i>Species</i>	<i>Regeneration Density (stems/ha)</i>		
			<i>Class_0</i>	<i>Class_1</i>	<i>Total</i>
25021 G000004	3	BL	200	200	400
34001 G000006	3	FD	433	100	533
34001 G000006	3	PY	33	0	33
35001 G000001	1	FD	520	0	520
35001 G000001	1	PY	560	0	560
47007 G000001	3	FD	333	500	833
47009 G000002	2	AT	400	0	400
47013 G000003	1	AT	2333	133	2467
47013 G000003	1	SX	133	0	133
47013 G000004	1	AC	300	0	300
47013 G000004	1	AT	2250	1050	3300
47013 G000004	1	SX	50	0	50
47017 G000007	2	EP	67	0	67
47017 G000007	2	FD	0	67	67
47026 G000003	4	FD	2000	800	2800
47026 G000007	4	FD	1000	500	1500
47026 G000007	4	PL	0	0	0
47026 G000007	4	SX	1000	200	1200
47026 G000007	4	W	0	100	100
47026 G000008	4	FD	0	42	42
47026 G000008	4	SX	0	42	42
47029 G000001	5	FD	571	143	714
47029 G000001	5	PL	1571	286	1857
47029 G000002	5	AT	500	0	500
47029 G000002	5	FD	200	800	1000
47029 G000002	5	PL	2300	100	2400
47030 G000001	4	AT	400	0	400
47030 G000001	4	FD	50	50	100
47030 G000001	4	PL	2350	250	2600
47030 G000002	5	PL	400	200	600
47030 G000007	5	FD	143	0	143
47030 G000007	5	PL	429	143	571
47030 G000008	4	FD	67	0	67
47030 G000008	4	PL	3333	67	3400

Applications of GN-PSPs for MPB-Impact Analyses

SAMP_ID	Meas_no	Species	Regeneration Density (stems/ha)		
			Class_0	Class_1	Total
47057 G000002	2	AT	300	0	300
47057 G000003	2	FD	50	250	300
47059 G000001	2	FD	400	600	1000
47059 G000002	2	AT	571	0	571
47059 G000002	2	FD	0	143	143
48011 G000001	1	SX	25	25	50
48011 G000002	1	PL	0	50	50
48012 G000002	2	FD	286	857	1143
48013 G000003	1	PL	2400	1000	3400
48013 G000004	1	BL	10	0	10
48013 G000004	1	PL	410	10	420
48013 G000004	1	S	140	40	180
48013 G000005	1	PL	286	714	1000
48013 G000005	1	S	143	0	143
48013 G000006	1	BL	3840	40	3880
48013 G000006	1	SX	160	0	160
48014 G000002	1	PL	5000	2000	7000
48014 G000002	1	S	0	500	500
48014 G000004	1	S	25	0	25
48014 G000005	1	SX	0	25	25
48014 G000006	1	SX	800	200	1000
48018 G000001	1	PL	400	1200	1600
48018 G000001	1	S	200	0	200
48058 G000001	2	FD	2200	2000	4200
48058 G000001	2	PL	1000	0	1000
48058 G000001	2	SB	400	200	600
48059 G000005	2	FD	4857	5286	10143
48060 G000005	1	FD	4500	3000	7500
55015 G000001	1	BL	5000	2000	7000
55015 G000001	1	PL	0	500	500
56019 G000002	1	BL	8286	571	8857
56019 G000002	1	CW	1143	857	2000
56019 G000003	2	BL	40	0	40
56019 G000003	2	FD	0	40	40
56019 G000003	2	S	80	80	160
56019 G000004	1	BL	3067	267	3333
56019 G000004	1	SW	200	0	200
56023 G000003	2	EP	0	500	500
56023 G000003	2	FD	0	1000	1000
56023 G000003	2	SW	35000	18000	53000
56023 G000005	2	FD	0	333	333

Applications of GN-PSPs for MPB-Impact Analyses

SAMP_ID	Meas_no	Species	Regeneration Density (stems/ha)		
			Class_0	Class_1	Total
56023 G000005	2	S	333	1333	1667
56023 G000007	1	FD	667	667	1333
56023 G000007	1	PL	0	333	333
56023 G000007	1	SW	333	1000	1333
56049 G000054	1	BL	16000	0	16000
56049 G000054	1	CW	7000	1500	8500
56052 G000001	2	AT	1100	50	1150
56052 G000001	2	PL	250	50	300
56052 G000002	1	PL	0	1000	1000
56052 G000002	1	SX	1000	333	1333
56053 G000100	3	FD	700	0	700
56053 G000100	3	S	100	100	200
56054 G000006	2	AT	200	200	400
56055 G000005	2	AT	0	100	100
56055 G000005	2	SX	750	150	900
56055 G000006	1	AT	333	1000	1333
56055 G000006	1	PL	0	667	667
56055 G000006	1	SX	1000	1000	2000
56055AG000008	1	BL	714	0	714
56055AG000008	1	SX	143	0	143
56057 G000002	1	BL	40	0	40
56057 G000002	1	CW	760	200	960
56057 G000002	1	HW	40	0	40
56066 G000002	1	BL	200	0	200
56066 G000002	1	CW	0	400	400
56067 G000002	1	BL	5000	333	5333
56069 G000001	1	FD	1200	200	1400
56069 G000001	1	SW	2800	1000	3800
56069 G000002	2	FD	50	50	100
57016 G000002	2	AT	0	100	100
57016 G000002	2	BL	0	50	50
57016 G000002	2	FD	100	200	300
57016 G000002	2	SX	0	200	200
57017 G000008	2	AT	1667	667	2333
57017 G000009	2	AT	1450	1550	3000
57017 G000009	2	PL	0	0	0
57017 G000009	2	SW	250	300	550
57017 G000010	2	AT	7400	2867	10267
57017 G000010	2	PL	67	0	67
57017 G000010	2	SX	67	0	67
57018 G000004	2	B	67	33	100

Applications of GN-PSPs for MPB-Impact Analyses

SAMP_ID	Meas_no	Species	Regeneration Density (stems/ha)		
			Class_0	Class_1	Total
57018 G000004	2	CW	100	0	100
57018 G000004	2	FD	100	67	167
57018 G000004	2	S	33	33	67
57018 G000006	2	B	1714	714	2429
57018 G000006	2	SX	429	143	571
60082 G000025	1	BL	6500	500	7000
60132 G000038	2	AC	0	0	0
60132 G000038	2	AT	150	0	150
60132 G000038	2	BL	50	0	50
60132 G000038	2	PL	75	0	75
60132 G000038	2	SX	88	0	88
60136 G000003	4	BL	1900	200	2100
60136 G000003	4	SX	100	0	100
60136 G000004	4	BL	800	600	1400
60136 G000004	4	SW	200	400	600
60136 G000062	1	BL	3500	300	3800
60136 G000062	1	SW	200	0	200
60136 G000063	1	BL	900	100	1000
60136 G000063	1	SW	25	0	25
60136 G000064	1	BL	1367	33	1400
60137 G000029	2	BL	975	0	975
60137 G000029	2	SW	25	0	25
60148 G000023	1	BL	8200	800	9000
60148 G000023	1	SW	200	0	200
60150 G000004	4	BL	6200	600	6800
60150 G000004	4	SW	200	0	200
60150 G000007	4	BL	1800	600	2400
60150 G000009	4	BL	1000	1200	2200
67008 G000043	2	BL	2467	33	2500
67023 G000051	1	BL	0	67	67
67023 G000051	1	PL	133	1267	1400
67024 G000127	1	BL	1200	1100	2300
67024 G000128	1	BL	5600	600	6200
67024 G000128	1	SW	400	0	400
69018 G000001	3	BL	1700	0	1700
69018 G000010	3	BL	600	150	750
69018 G000010	3	SW	400	50	450
69018 G000011	3	BL	967	133	1100
69018 G000011	3	SW	233	67	300
69018 G000013	3	BL	667	333	1000
69018 G000017	1	BL	1760	280	2040

<i>SAMP_ID</i>	<i>Meas_no</i>	<i>Species</i>	<i>Regeneration Density (stems/ha)</i>		
			<i>Class_0</i>	<i>Class_1</i>	<i>Total</i>
69018 G000017	1	PL	200	40	240
69018 G000017	1	SX	80	0	80
69018 G000018	1	BL	18000	1000	19000
69019 G000002	3	BL	1100	0	1100
69019 G000002	3	PL	0	0	0
69019 G000002	3	SW	900	0	900
69019 G000009	1	BL	160	0	160
69019 G000009	1	PL	40	0	40
69019 G000009	1	SX	920	40	960
69022 G000007	4	BL	600	0	600
69022 G000007	4	SX	800	0	800
69022 G000015	1	BL	175	25	200
69022 G000016	1	BL	6200	400	6600
69022 G000016	1	PL	600	600	1200
69022 G000018	1	BL	2000	100	2100
69022 G000018	1	PL	400	0	400
69022 G000018	1	SW	500	100	600
69049 G000002	1	BL	533	67	600
69049 G000002	1	EP	67	67	133
69049 G000002	1	PL	3133	0	3133
69049 G000002	1	SB	1200	133	1333
69049 G000002	1	SW	1200	67	1267
69062 G000001	4	BL	440	40	480
69062 G000001	4	SW	80	80	160
69062 G000002	4	BL	1400	633	2033
69062 G000002	4	SW	133	133	267
69062 G000005	4	BL	4000	0	4000
69062 G000005	4	SW	400	0	400
69099 G000006	1	BL	29000	2500	31500
69103 G000003	4	BL	728	556	1284
69103 G000003	4	SX	0	12	12

ANNEX 3: PRELIMINARY PROCEDURES FOR MEASURING WEATHER CHECKS AND SPIRAL GRAIN

The following procedures were suggested by Bob Macdonald several years ago.

Weather Checks procedure:

A weather check is defined as a radial split in the bole of the tree that is at least 2 cm deep.

Check depth will be measured by the use of a stainless steel putty knife that is 0.5mm thick and 4 cm wide. The checks will be coded based on depth and frequency. Use a metal scale ruler for check depths greater than 9 cm.

Step 1

If applicable, measure and record the DBH, net factors, call grades of the tree, before stripping the bark.

Step 2

In order to measure the checks remove the bark from the tree in the area between 1.0 metre and 1.3 metres (DBH) above high side ground. All measurements of checks must be done in this 30 cm area around the stem. A draw knife has been found to work the best at bark stripping and a hatchet may be required for furrowed areas. If the cruiser determines that a given tree is unsafe to strip the bark with a draw knife they may drop the tree and put comments in the notes as to why the tree was dropped (EG tree 2 dropped as it is close to toppling)

Step 3

In the bark stripped area, conduct a cursory inspection of the checks with depths greater than 2 cm and orientate the quadrants to maximise the number of check free quadrants. Mark the quadrants on the tree with a felt marker. Use a diameter tape to determine quadrant boundaries by dividing the diameter by 4. Quadrant 1 will be the one facing plot centre; the remaining quadrants are numbered to the right of quadrant 1 as you are facing the tree.

Step 4

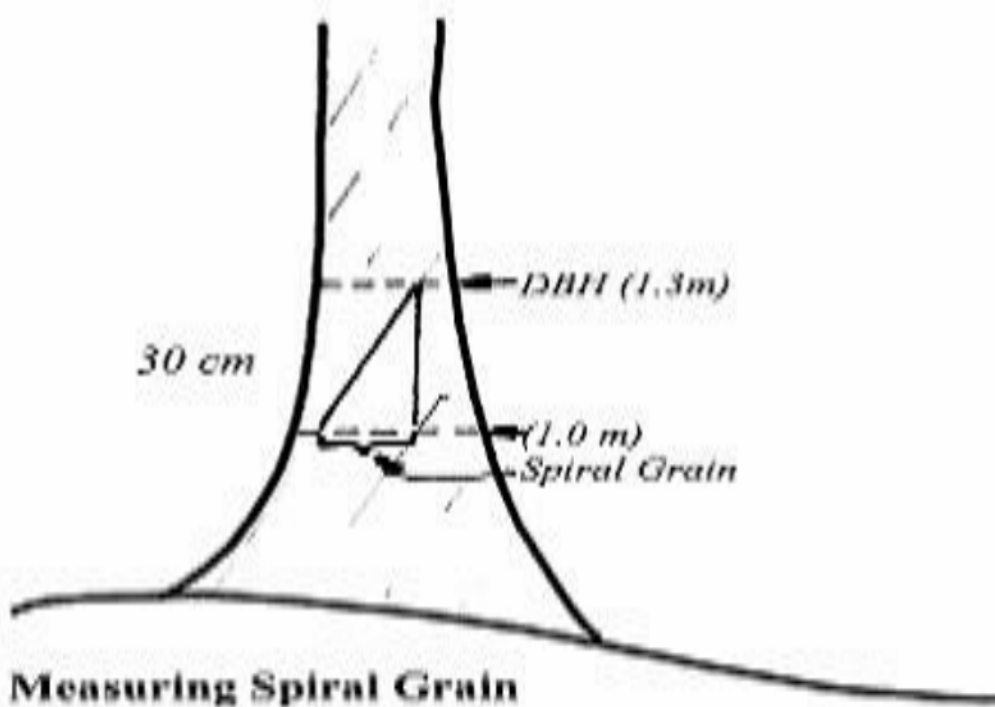
Measure the depths of the deepest check in each quadrant to the nearest centimetre for all checks with depths greater than 2 cm

Step 5

Record the depth in centimetres of the deepest check in each quadrant.

Spiral Grain Procedure:

The deflection of spiral grain is measured anywhere along the 30 cm area from 1.0 to 1.3 metres as per the diagram below. Measure the displacement of the grain to the nearest centimetre along a 30 cm transect and record in the spiral grain column on the attached tally card. Spiral grain deflection of 9 cm or more will be recorded as 9 cm.



Page 066 to/à Page 068

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DUPLICATE

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Sunday, May 17, 2015 9:14 PM
To: martin_watts@telus.net
Subject: Complaint 19 - emails 1 to 11
Attachments: Complaint 19 - 01; Complaint 19 - 02; Complaint 19 - 03; Complaint 19 - 04; Complaint 19 - 05; Complaint 19 - 06; Complaint 19 - 07; Complaint 19 - 08; Complaint 19 - 09; Complaint 19 - 10; Complaint 19 - 11

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Sunday, May 17, 2015 9:06 PM
To: martin_watts@telus.net
Subject: Complaint 19 - 01

From: Bealle Statland, Catherine A FOR:EX [<mailto:Catherine.BealleStatland@gov.bc.ca>]
Sent: Thursday, November 20, 2008 5:04 PM
To: Martin Watts
Subject: RE: FAIB (RIB) report

Hi Martin,

Thank you again for the report. I've now finished going over it in some detail and have the following questions:

s.17,s.21

Catherine

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Wed, October 8, 2008 10:10 AM
To: Bealle Statland, Catherine A FOR:EX
Subject: FAIB (RIB) report

Hi Catherine,

Attached is the electronic version of my report.

s.17,s.21

Take care,

Martin

Page 072

Withheld pursuant to/removed as

DUPLICATE

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Sunday, May 17, 2015 9:07 PM
To: martin_watts@telus.net
Subject: Complaint 19 - 03

From: Bealle Statland, Catherine A FOR:EX [<mailto:Catherine.BealleStatland@gov.bc.ca>]
Sent: Wednesday, December 03, 2008 9:39 AM
To: Martin Watts
Subject: RE: help with data compilation

Martin,
How about Thursday around 2:00 pm here at the Branch (5th Floor 727 Fisgard)?

C

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Wed, December 3, 2008 9:12 AM
To: Bealle Statland, Catherine A FOR:EX
Subject: RE: help with data compilation

Hi Catherine,

I am available to do the work and would be able to get it done by January.

It would probably be best to get together and discuss what you are using the data for. This week, I am available Wed. afternoon, Thurs. afternoon or anytime on Friday if you want to get together.

s.17,s.21

Take care,

Martin

-----Original Message-----

From: Bealle Statland, Catherine A FOR:EX [<mailto:Catherine.BealleStatland@gov.bc.ca>]
Sent: Tuesday, December 02, 2008 5:04 PM
To: martin_watts@telus.net
Subject: help with data compilation

Martin,
s.17,s.21

best regards,

Catherine Bealle Statland
Research Scientist, Stand Development
B.C. Ministry of Forests and Range Research Branch

PO Box 9519 Stn Prov Govt
Victoria BC Canada V8W 9C2
Ph: 250-387-5447
Fax: 250-387-0046

Visit the B.C. Forest Service Research Branch website at
<http://www.for.gov.bc.ca/hre>

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Sunday, May 17, 2015 9:07 PM
To: martin_watts@telus.net
Subject: Complaint 19 - 04

From: Bealle Statland, Catherine A FOR:EX [<mailto:Catherine.BealleStatland@gov.bc.ca>]
Sent: Thursday, December 04, 2008 3:47 PM
To: martin_watts@telus.net
Subject: FAIB data

Martin,
Thank you very much for taking the time to stop by this afternoon.

I forgot how big the data files are--too big to email. I have put them at:
s.17,s.21

The zipped files contain the 2002 and new data as labelled, with Mario's name because he was originally sent these files by Alf Kivari at FAIB. The email from Alf with a short explanation has also been posted there.

best wishes,

Catherine Bealle Statland
Research Scientist, Stand Development
B.C. Ministry of Forests and Range Research Branch

PO Box 9519 Stn Prov Govt
Victoria BC Canada V8W 9C2
Ph: 250-387-5447
Fax: 250-387-0046

Visit the B.C. Forest Service Research Branch website at
<http://www.for.gov.bc.ca/hre>

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Sunday, May 17, 2015 9:08 PM
To: martin_watts@telus.net
Subject: Complaint 19 - 05

From: Bealle Statland, Catherine A FOR:EX [<mailto:Catherine.BealleStatland@gov.bc.ca>]
Sent: Friday, December 05, 2008 1:54 PM
To: martin_watts@telus.net
Subject: test file formats

Martin,
I put several versions ct3_02.* on the ftp site. Let me know which works most smoothly for you.

Catherine

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Sunday, May 17, 2015 9:08 PM
To: martin_watts@telus.net
Subject: Complaint 19 - 06

From: Bealle Statland, Catherine A FOR:EX [<mailto:Catherine.BealleStatland@gov.bc.ca>]
Sent: Friday, December 05, 2008 5:09 PM
To: martin_watts@telus.net
Subject: DBF files

Martin,
I've put the *.dbf versions of the files on the ftp site.

C

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Sunday, May 17, 2015 9:09 PM
To: martin_watts@telus.net
Subject: Complaint 19 - 07

From: Bealle Statland, Catherine A FOR:EX [<mailto:Catherine.BealleStatland@gov.bc.ca>]
Sent: Monday, December 08, 2008 10:35 AM
To: Martin Watts
Subject: RE: FAIB PSP data

Martin,

1. I've put the correct file (tr_meas_new.dbf) on the ftp site.
2. I've put a new version of sp_meas_new.dbf up there too. The following field names have been changed:
s.17,s.21

3. The files are dated late March of 2007. That is probably pretty close to the date they were received.

C

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Mon, December 8, 2008 8:55 AM
To: Bealle Statland, Catherine A FOR:EX
Subject: FAIB PSP data

Hi Catherine,

The 'new' TREE_MEAS_NEW.DBF file has no records in it.

I cannot open the SP_MEAS_NEW.DBF file. There are duplicate field names. When SAS converts to DBF format, it truncates the field names at 10 characters. Before conversion, you have to change any field names that will be the same after the truncation.

Other than the above, all other DBF files are O.K.

s.17,s.21

When did Ian get these data from FAIB?

I'll give you a call after 10:30 this morning.

Take care,

Martin

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Sunday, May 17, 2015 9:09 PM
To: martin_watts@telus.net
Subject: Complaint 19 - 08

From: Bealle Statland, Catherine A FOR:EX [<mailto:Catherine.BealleStatland@gov.bc.ca>]
Sent: Monday, December 08, 2008 11:26 AM
To: Martin Watts
Subject: RE: FAIB PSP data

Martin,

I got your phone message. I will be at and away from my desk unpredictably today. We are having an Open House tomorrow to celebrate the completion of our office move and I've been given not-too-subtle hints that that I need to clean up my space (groan)!. So I'll have to make that a priority but will try to get back to you as soon as I can.

C

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Mon, December 8, 2008 8:55 AM
To: Bealle Statland, Catherine A FOR:EX
Subject: FAIB PSP data

Hi Catherine,

The 'new' TREE_MEAS_NEW.DBF file has no records in it.

I cannot open the SP_MEAS_NEW.DBF file. There are duplicate field names. When SAS converts to DBF format, it truncates the field names at 10 characters. Before conversion, you have to change any field names that will be the same after the truncation.

Other than the above, all other DBF files are O.K.

s.17,s.21

When did Ian get these data from FAIB?

I'll give you a call after 10:30 this morning.

Take care,

Martin

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Sunday, May 17, 2015 9:09 PM
To: martin_watts@telus.net
Subject: Complaint 19 - 09

From: Bealle Statland, Catherine A FOR:EX [<mailto:Catherine.BealleStatland@gov.bc.ca>]
Sent: Thursday, December 11, 2008 11:46 AM
To: Martin Watts
Subject: update

Martin,

I've learned via, Jon V., that Alf Kivari is only working part time and so I'm still waiting for a reponse from him.

In the meantime, a freeze on all professional service contracting has just been announced^{s.13}
s.13

best regards,

Catherine

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Sunday, May 17, 2015 9:10 PM
To: martin_watts@telus.net
Subject: Complaint 19 - 10

From: Bealle Statland, Catherine A FOR:EX [<mailto:Catherine.BealleStatland@gov.bc.ca>]
Sent: Wednesday, December 17, 2008 2:52 PM
To: Martin Watts
Subject: PSP data info

Martin,

It turns out that the directory from which I forwarded all those data files to you was incomplete. One zipped file
s.17,s.21

Will keep in touch about this contracting freeze.

best wishes,

Catherine

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Sunday, May 17, 2015 9:10 PM
To: martin_watts@telus.net
Subject: Complaint 19 - 11

From: Bealle Statland, Catherine A FOR:EX [<mailto:Catherine.BealleStatland@gov.bc.ca>]
Sent: Wednesday, January 21, 2009 11:09 AM
To: Martin Watts
Subject: RE: FAIB PSP data and mortality

s.17,s.21

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Tue, January 20, 2009 11:10 AM
To: Bealle Statland, Catherine A FOR:EX
Subject: FAIB PSP data and mortality

Hi Catherine,

I was just looking at the PSP data you received from FAIB and it looks like the mortality is cumulative over all measurements.

It appears that they have not updated their compiler to account for the changes they made to the database. s.17,s.21

s.17,s.21

You can see this in the 2002 data in the R4z_02 file by looking at the following over all measurements:
s.17,s.21

s.17,s.21

Take care,

Martin

SHORT-FORM REQUEST FOR PROPOSALS ("SRFP") for Assemble, Compile and Report on Growth and Yield Experiment Data

Issued by the Forests Lands and Natural Resource Operations; Forest Analysis and Inventory Branch on Oct 29, 2015 under SRFP No. OT16FHQ234

Closing Time: Nov 26, 2015 before 2:00 p.m. Local Time.

Closing Location: Submit 3 hard copies and **one copy on CD, DVD or USB media** of the proposal by hand or by courier to the following physical address:

Ministry of Forests Lands and Natural Resource Operations
Forest Analysis and Inventory Branch
Attn: Karen Hebden
7th Floor, 727 Fisgard St, PO Box 9512, Stn Prov Govt
Victoria, BC, V8W 9C2

Proposals must not be submitted by fax, email or mail.

Government Contact: Patrick Martin, Pat.Martin@gov.bc.ca; fax 250-387-5999 for enquiries ONLY.

Please refer to the terms and conditions that apply to this SRFP (the "SRFP Rules"). By submitting a proposal to this SRFP, the Proponent agrees to be bound by the SRFP Rules.

1. CONTRACT SERVICES

In BC there are many field experiments measuring tree response to silviculture treatment. These experiments vary in their objectives, experimental design, measurements and the status of the data. Of the many existing experiments, some are best suited to long-term, stand growth and yield analysis. These can be termed growth and yield experiments (GYEs) and they include some espacement, species, thinning, and fertilization trials. The objective of this Contract is to assemble, compile and report on the ministry's GYE data in BC. Some experiments, such as genetic and provenance trials, will not be included in this work.

The ministry's GYE data exists in several different databases in several different formats, managed by individuals in several work units. For many GYEs, a compilation of the data and an establishment or analysis report is available. In order for FAIB (Forest Analysis and Inventory Branch) to use GYE data in various analyses, a gathering of available data, a standard compilation and a summary report is desired. The assembled data should be housed in a database compatible with the data structure used by FAIB for other forest inventory and growth and yield data. Also, the GYE data should be compiled in a manner compatible with other data compilations undertaken by FAIB.

A wide variety of variables can be measured in GYEs. However, this project will focus on a core set of the basic tree measurements. In a research study, advanced methods may be used to analyze GYE data. However, this project will focus on a basic, standard data compilation generally consistent with the methods used to compile other FAIB data. Lengthy, detailed reports can be produced for a GYE. However, this project will focus on producing a brief, high-level summary report that provides a compendium of the available GYE data.

The Contractor shall provide the following Services:

- (a) Work with Ministry staff from several work units to obtain GYE data (tree data, compiled data, and meta-data describing the experiment) and other relevant information (such as analysis reports) in a variety of formats from various sources.
- b) Store the GYE data in a file format that is similar and compatible with the file structure used by FAIB to house permanent sample plot (PSP) and related data.
- c) Develop a compilation procedure for the GYE data that includes data screening, repeat measure height-diameter curve fitting, tree volume estimation, and a standardized set of plot-level growth and yield statistics.
- d) Compile the data for a set of the most suitable and readily available GYE data.
- e) Document file formats, data screening, and compilation.
- f) For each GYE produce a very brief summary that includes a description of the GYE and a small set of standardized graphs, tables and information that depict the GYE data.
- g) Over time, iteratively add GYEs to the data set and update the compilation and summary report.

The number of GYE that will be located and found suitable for this Contract is not known with certainty, but may total 40-60 GYEs.

2. CONTRACT FORMAT

Should the Proponent's proposal be successful, the Proponent will enter into a contract in the form in Appendix B.

The term of the Contract is expected to be for One year from Contract signing, with up to 1 one-year option to extend at the sole discretion of the Ministry.

3. QUESTIONS

Submit any questions in writing to the Government Contact (noted above) before the Closing Time. Answers to questions received may be posted on BC Bid. Information from any other source is not official and cannot be relied on. Questions will be accepted up to 7 business days prior to the Closing Time.

4. REQUIREMENTS FOR PROPOSALS

Proponents must submit their proposals in the form of the "SRFP Proposal Form" attached as Appendix A. Proponents should not include attachments or URLs to the SRFP Proposal Form unless specifically requested in this SRFP.

5. MANDATORY REQUIREMENTS

For the Province to consider the proposal, Proponents must meet the mandatory process requirements in the SRFP Rules and the following additional mandatory requirement: Before signing the Contract, the successful Proponent will be required to demonstrate that within the last 5 years the proponent has completed at least three projects compiling, analyzing and reporting on stand growth and yield experiment data.

6. PROPOSAL EVALUATIONS

Proposals that meet all mandatory requirements will be evaluated as follows:

2 Weighted Criteria	Weight [#]	Minimum Score [# if applicable]
Team's Experience and Qualifications	65	45
Approach	35	24
TOTAL	100	

Proponents that do not meet a minimum score within a weighted criterion will not be evaluated further.

Price will be evaluated using the following formula: price proposed / points awarded as per the weighted criteria table above. Contract award will be offered to the Proponent with the lowest price per point.

The Ministry will provide the data for various GYEs.

The maximum available funding for this work is \$50,000 per 1-year term of the contract.

SRFP PROPOSAL FORM - APPENDIX A

SRFP TITLE **Assemble, Compile and Report on Growth and Yield Experiment Data** SRFP No. **OT16FHQ234** Closing Time
Nov 26, 2015 before 2:00 p.m. Local Time

Issued by the **Forests Lands and Natural Resource Operations; Forest Analysis and Inventory Branch** on **Oct 29, 2015**
REQUIREMENTS:

Complete this form, providing the information requested in accordance with the requirements in the SRFP. Do not include attachments and/or URLs unless specifically requested in this SRFP.

Completed proposal forms should not be more than 10 pages in overall length using no less than a 10 pt font exclusive of any URLs or appendices specifically requested; the Province will not evaluate any pages that exceed this maximum page count.

1. Mandatory Requirements

For the Province to consider the proposal, Proponents must meet the mandatory process requirements in the SRFP Rules and the following additional mandatory requirement: Before signing the Contract, the successful Proponent will be required to demonstrate that within the last 5 years the proponent has completed at least three projects compiling, analyzing and reporting on stand growth and yield experiment data.

This mandatory requirement is addressed in Section 4

2. Proposed Subcontractors

The Proponent proposes to use the following subcontractor(s) to provide the services described in the SRFP (specify or indicate none. If subcontractors will be used but are not yet identified, indicate this). This section is informational only and will not be evaluated separately from any evaluation of information relating to experience provided under section 4 of this SRFP Proposal Form.

3. Executive Summary:

Provide an Executive Summary of the key points of this proposal.

4. Team's Experience and Qualifications

The experience of the individuals proposed for the team will be evaluated in this section, regardless of where that experience was earned. Corporate experience that did not involve any of the proposed team members, or where the role of the proposed team member is unclear, will not be considered. The evaluation of experience and qualifications will include evaluation of:

- 1) the number of projects of similar scope and complexity completed by the team members in the past 5 years;
- 2) the academic credentials (e.g., relevant degrees attained) of the team members;
- 3) the amount of experience with growth and yield research and the analysis of silviculture experiments;
- 4) the experience with growth and yield experiments in BC.

List of named individuals

Name of proposed individual

Provide examples of projects, academic credentials, and relevant experience to permit the assessment of the Team's experience and qualifications.

Project Name:	
If a proposed subcontractor(s) was involved in delivering any of this project, name that subcontractor(s) here:	
Start and End Dates: Total Months for the Project:	
* Reference company name & name, phone #, / email address of reference contact person	
In the space below, provide a full description of this Project, including: <ul style="list-style-type: none"> • Scope of the project; • How this project constitutes relevant (i.e. of similar scope and complexity as defined above) experience for the purpose of this proposal; • Proponent's /Subcontractor's role within the project, including activities performed; • Deliverables, measures and timelines that applied to this project; and • End result. 	

* References should be able to verify the quality of work provided specific to the relevant experience of the Proponent and/or its proposed subcontractors.

5. Approach

Propose an approach to deliver the services described in the SRFP that addresses the requirements in the SRFP including:

- 1) assessment and acquisition of GYE data
- 2) database design
- 3) data compilation
- 4) the content of reports that will be produced
- 5) other outputs

In the space below, propose an approach that addresses the requirements in section 5 above. Include any additional processes in your approach that may improve quality, increase efficiency, and/or otherwise benefit the Province that are included in the price proposed, explaining why such processes are recommended.

6. Price

Provide one hourly rate that applies to all services proposed. If more than one price is proposed, the highest price only will be used for evaluation purposes. The Province will not pay any costs or expenses in addition to the price proposed. A description of how the price will be evaluated can be found in section 6 Proposal Evaluations of the SRFP.

Provide a single proposed price, as described above. Do not include GST or PST (if applicable) in this price.

6. Confirmation of Proponent's Intent To Be Bound

THIS PROPOSAL IS SUBMITTED IN RESPONSE TO THE REFERENCED SRFP INCLUDING ADDENDA (IF ANY). BY SUBMITTING THE PROPOSAL, THE PROPONENT AGREES:

- A) TO ALL OF THE TERMS AND CONDITIONS OF THE SRFP, INCLUDING THE SRFP RULES EFFECTIVE AS OF THE ISSUE DATE OF THIS SRFP (AVAILABLE [HERE](#));
- B) THAT THE PROPONENT HAS CONDUCTED SUCH OTHER INVESTIGATIONS AS WERE PRUDENT AND REASONABLE IN PREPARING THE PROPOSAL; AND
- C) TO BEING BOUND BY THE STATEMENTS AND REPRESENTATIONS MADE IN ITS PROPOSAL.

For electronic submission through BC Bid, please complete all information below except the signature field, as the BC Bid e-bidding key is deemed to be an original signature.

PROPONENT ORGANIZATION NAME (PRINT):

(IF THE PROPONENT IS NOT AN ORGANIZATION, USE THE INDIVIDUAL'S NAME WHO WILL SIGN THE CONTRACT WITH THE PROVINCE IN THE EVENT THAT THE PROPOSAL IS SUCCESSFUL.)

OPTIONAL: BUSINESS NUMBER (I.E. GST/HST NUMBER), IF KNOWN:

(SEE www.bcbusinessregistry.ca/business-number.htm FOR MORE INFORMATION)

SIGNATURE OF AUTHORIZED REPRESENTATIVE:

PRINT NAME OF AUTHORIZED REPRESENTATIVE:

PROPONENT'S CONTACT EMAIL ADDRESS:

PROPONENT'S ADDRESS:

DATE:

Belaney, Tanyann FIN:EX

From: Belaney, Tanyann FIN:EX on behalf of FIN OCG Procurement Governance FIN:EX
Sent: Friday, December 16, 2016 2:23 PM
To: 'ben@foundryspatial.com'
Subject: RE: Complaint regarding procurement from Alberta Environment and Parks

Good Afternoon Mr. Kerr

Thank you for your email.

To begin consider reaching out to the specific procurement contact listed in the RFP document and raising your concerns with them.

The Alberta contact on MARCAN may also be of some assistance at this stage.

Sincerely,

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

From: Ben Kerr [<mailto:ben@foundryspatial.com>]
Sent: Thursday, December 15, 2016 12:32 PM
To: FIN OCG Procurement Governance FIN:EX
Subject: Complaint regarding procurement from Alberta Environment and Parks

Dear BC Procurement Governance Office

s.17,s.21

Thank you,

Ben Kerr, P.Ag.

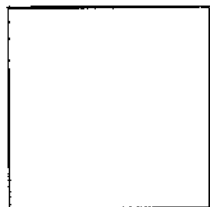
--

Ben Kerr

CEO and Senior Water Scientist

Direct 250-858-8593

Email ben@foundryspatial.com



Page 093

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DUPLICATE

Belaney, Tanyann FIN:EX

From: Martin Green s.22
Sent: Monday, October 17, 2016 3:30 PM
To: FIN OCG Procurement Governance FIN:EX
Subject: RE: Question re: scope of VCRP

Thank you kindly for your response.

Best,

MG

From: FIN OCG Procurement Governance FIN:EX [<mailto:procurementgovernance@gov.bc.ca>]
Sent: October 17, 2016 5:33 PM
To: s.22
Cc: FIN OCG Procurement Governance FIN:EX
Subject: RE: Question re: scope of VCRP

Good Afternoon Martin

Thank you for your question.

The Vendor Complaint Review Process (VCRP) (<http://www.fin.gov.bc.ca/ocg/pgo/VCRP.htm>) of the Government of British Columbia is applicable only to its ministries and direct government entities.

As such, procurements by the BC Clinical and Support Services Society (formerly Health Shared Services BC) would not be covered by this process.

For your reference I am including links to the BC Clinical and Support Services (BCCSS) Society's website sections related to vendor relationships <http://www.hssbc.ca/vendors/> and their vendor complaint process <http://www.hssbc.ca/Vendors/Vendorcomplaint/default.htm>.

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

s.22
From: Martin Green
Sent: Friday, October 14, 2016 7:40 AM
To: FIN OCG Procurement Governance FIN:EX
Subject: Question re: scope of VCRP

Dear Sir or Madam,

I'm trying to determine whether procurement decisions made by BC Clinical and Support Services (BCCSS) fall within the scope of the Procurement Governance Office's Vendor Complaint Review Process (assuming that the vendor has made reasonable efforts to review the complaint with the ministry by contacting the entity and following their complaint review process).

Would you be able to help me with this?

Best,

Martin Green

Page 096 to/à Page 097

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Belaney, Tanyann FIN:EX

From: Belaney, Tanyann FIN:EX on behalf of FIN OCG Procurement Governance FIN:EX
Sent: Wednesday, July 6, 2016 10:50 AM
To: 'Keith.Morrison@motioncanada.com'
Cc: FIN OCG Procurement Governance FIN:EX
Subject: RE: Procurement Compliance Question

Good Morning

The Vendor Complaint Review Process (<http://www.fin.gov.bc.ca/ocg/pgo/VCRP.htm>) of the Government of British Columbia is applicable only to its ministries and direct government entities. As such, procurements conducted by other entities are not covered by the BC Government's VCRP and therefore it cannot be utilized to submit a complaint regarding procurement practice.

Accordingly, the Procurement Governance Office is unable to review your complaint; however you may wish to contact the representative indicated in the solicitation document to discuss your concerns. Another resource available is the Auditor General for Local Government (<http://www.aglg.ca/>) which is accessible to both local governments and to taxpayers.

Sincerely,

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

From: Keith Morrison [<mailto:Keith.Morrison@motioncanada.com>]
Sent: Wednesday, July 6, 2016 7:41 AM
To: FIN OCG Procurement Governance FIN:EX
Subject: Procurement Compliance Question

s.17,s.21

Thank you,

Keith Morrison
Motion Canada
Product Specialist
Fire Services Div.
C: (804) 862-8814
F: (780) 955-3411
TF: (877) 301-3473
Keith.Morrison@motioncanada.com



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Page 100

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DUPLICATE

Belaney, Tanyann FIN:EX

From: Martin Watts <martin_watts@telus.net>
Sent: Tuesday, June 28, 2016 10:22 AM
To: FIN OCG Procurement Governance FIN:EX
Subject: RE: Vendor Complaint #NRS2016-001

Thanks

Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net

From: FIN OCG Procurement Governance FIN:EX [<mailto:procurementgovernance@gov.bc.ca>]
Sent: Tuesday, June 28, 2016 9:46 AM
To: 'Martin Watts'
Cc: FIN OCG Procurement Governance FIN:EX
Subject: RE: Vendor Complaint #NRS2016-001

Hello Mr. Watts,

Yes, your request for an extension is granted. Please feel free to submit your complaint/concerns to the Procurement Governance Office within the next 30 business days.

Regards,

Sandra Bailey

Sandra Bailey, BEd

Procurement Policy Analyst

Procurement Governance Office | Financial Management Branch

Office of the Comptroller General

Ministry of Finance

617 Government Street

Victoria, B.C.

V8W 9V1

T: 250-356-1991

F: 250-356-2001

E: sandra.bailey@gov.bc.ca

From: Martin Watts [mailto:martin_watts@telus.net]

Sent: Tuesday, June 28, 2016 12:03 AM

To: FIN OCG Procurement Governance FIN:EX

Subject: FW: Vendor Complaint #NRS2016-001

Chief Procurement Officer,

Was there any decision on my request for an extension?

Take care,

Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net

From: Martin Watts [mailto:martin_watts@telus.net]

Sent: Wednesday, June 22, 2016 12:49 PM

To: 'ProcurementGovernance@gov.bc.ca'

Subject: Vendor Complaint #NRS2016-001

Chief Procurement Officer,

The deadline (30 business days) for me to respond to Diane's decision is tomorrow. I am asking for an extension for the following reasons:

s.17,s.21

Take care,

Martin Watts MScF, RPF, EP(GHG)

FORCOMP Forestry Consulting Ltd.

A-827 Queens Avenue

Victoria, BC V8T 4V8

Phone: (250) 385-5936

Mobile: (250) 889-9354

Email: martin_watts@telus.net

From: Taylor, Vicky CSNR:EX [<mailto:Vicky.Taylor@gov.bc.ca>]

Sent: Thursday, May 12, 2016 9:06 AM

To: 'Martin Watts'

Subject: RE: Vendor Complaint #NRS2016-001

Hi, Martin. What you provided in your complaint was given to Diane. The complaint only responds to your pointed question(s). s.17,s.21

s.17,s.21

s.17,s.21

. This was made based on the information you provided and in response to the direct question posed in your VCRP. Diane would have made her own investigation into the matter. Diane is aware of the historical contact and emails with FAIB.

Vicky Taylor, PCMP Cert., CRM Cert.

Senior Contract Procurement Specialist

Corporate Services for the Natural Resource Sector

Financial Services Branch, Corporate Procurement Policy & Compliance

Tel: 250-953-4633

Contract Inquiries: [mailto: CSNR Contract Policy Support CSNR:EX](mailto:CSNR Contract Policy Support CSNR:EX)

Contract Management Manual: Contract Procurement Website – Your feedback on this new site is extremely valuable. Please do not hesitate to submit your comments or ideas using the **FEEDBACK** button located within the procurement website pages.

From: Martin Watts [mailto:martin_watts@telus.net]
Sent: Thursday, May 12, 2016 8:42 AM
To: Taylor, Vicky CSNR:EX
Subject: RE: Vendor Complaint #NRS2016-001
Hi Vicky,
s.17,s.21

March 16 email:
s.17,s.21

Take care,
Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue
Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net

From: Taylor, Vicky CSNR:EX [<mailto:Vicky.Taylor@gov.bc.ca>]
Sent: Thursday, May 12, 2016 7:52 AM
To: 'Martin Watts'
Subject: RE: Vendor Complaint #NRS2016-001
Morning, Martin, This will confirm that you can go to the PGO from here. Diane Nicholls is the new Assistant Deputy Minister for the Branch and it goes from ADM to PGO.
Vicky Taylor, PCMP Cert., CRM Cert.
Senior Contract Procurement Specialist
Corporate Services for the Natural Resource Sector
Financial Services Branch, Corporate Procurement Policy & Compliance
Tel: 250-953-4633
Contract Inquiries: [mailto: CSNR Contract Policy Support CSNR:EX](mailto:CSNR Contract Policy Support CSNR:EX)

Contract Management Manual: Contract Procurement Website – Your feedback on this new site is extremely valuable. Please do not hesitate to submit your comments or ideas using the **FEEDBACK** button located within the procurement website pages.

From: Martin Watts [mailto:martin_watts@telus.net]

Sent: Wednesday, May 11, 2016 10:23 PM

To: Taylor, Vicky CSNR:EX

Subject: FW: Vendor Complaint #NRS2016-001

Hi Vicky,

Can you please confirm that my next step is to send this to the PGO? I thought my next step was Tom Ethier.

Your March 16, 2016 email stated:

This is to acknowledge receipt of your Vendor Complaint dated and received in this office on March 11, 2016 by electronic email.

This complaint will be responded to by Diane Nicholls, Executive Director, Resource Stewardship Division. The complaint will be responded to within 30 days unless a notice to extend is confirmed.

If you are dissatisfied with that response, you may raise your complaint to Tom Ethier, Associate Deputy Minister, Resource Stewardship Division. If you are dissatisfied with that response, you may then raise your complainant to the Director, Procurement Governance Office of the Office of the Comptroller General.

Please ensure all future correspondence references Vendor Complaint #NRS2015-001.

We seem to have missed a step and Diane is acting as Assistant Deputy Minister (according to the attached file).

Just for the record, when was a request for an extension received from Diane and am I entitled to a copy of the request?

Take care

Martin Watts MScF, RPF, EP(GHG)

FORCOMP Forestry Consulting Ltd.

A-827 Queens Avenue

Victoria, BC V8T 4V8

Phone: (250) 385-5936

Mobile: (250) 889-9354

Email: martin_watts@telus.net

From: Di Georgio, Alexis FLNR:EX [<mailto:Alexis.DiGeorgio@gov.bc.ca>]

Sent: Wednesday, May 11, 2016 12:39 PM

To: 'martin_watts@telus.net'

Cc: Taylor, Vicky CSNR:EX

Subject: RE: Vendor Complaint #NRS2016-001

Good Afternoon Mr. Watts,

Please find attached a letter from Diane Nicholls in response to your email dated March 11, 2016. The original will not be mailed out.

Thank you.

Alexis Di Georgio

Executive Administrative Assistant for

ADM Chief Forester, Diane Nicholls

Ministry of Forests, Lands and Natural Resource Operations

250-356-5079

780 Blanshard St Victoria BC



From: Martin Watts [mailto:martin_watts@telus.net]

Sent: Friday, March 11, 2016 1:47 AM

To: Taylor, Vicky CSNR:EX

Subject: Vendor complaint - 1070-30/OT16FHQ265

Hi Vicky,

I am filing a vendor complaint for the Invitation to Tender for YSM Summary Analysis (1070-30/OT16FHQ265).

s.17,s.21

Take care,
Martin Watts MScF, RPF, EP(GHG)
FORCOMP Forestry Consulting Ltd.
A-827 Queens Avenue

Victoria, BC V8T 4V8
Phone: (250) 385-5936
Mobile: (250) 889-9354
Email: martin_watts@telus.net

Page 107 to/à Page 124

Withheld pursuant to/removed as

DUPLICATE

Belaney, Tanyann FIN:EX

From: Marcel - GeodesyGroup Inc. <marcel@geodesygroup.com>
Sent: Tuesday, June 14, 2016 1:01 PM
To: Steiner, Harald FLNR:EX; MIT New West Partnership Trade Agreement MIT:EX; nepta@gov.ab.ca; nwpta.administrator@shaw.ca; FNLR.Minister@gov.ba.ca; Hlasny, Brad FLNR:EX; Calarco, Andrew FLNR:EX; FIN OCG Procurement Governance FIN:EX; Pat Gropp
Subject: Formal Objection: OP17BMC24 NOI
Attachments: NOI_GEOSYS_CASSIAR_v20160505.pdf; BC_Complaint_Forma.doc

Dear Sir,

Please see our objection to your proposed NOI to GEOSYS Technology solutions for project OP17BMC24

Yours sincerely,

Marcel Joubert

--

Marcel Joubert
GeodesyGroup Inc.
Unit 15, 4 Winters Way.
Okotoks, AB, T1S 0J1
Canada
403-938-6400 w
403 938-1624 Fax
marcel@geodesygroup.com
www.geodesygroup.com



GeodesyGroup Inc.
Aerial Imagery and Mapping Solutions



NOTICE OF INTENT TO CONTRACT

Notice is hereby given by GeoBC, Ministry of Forests, Lands and Natural Resource Operations (FLNRO) on June 13, 2016 of its intent to contract with GEOSYS Technology Solutions to provide the following services:

- Capture and geo-reference digital imagery in NORTHERN BC over approximately 706Km (line Km) at a ground sample distance (GSD) of 15cm in a NAD83/CGDV2013 datum.
- Capture and geo-reference digital imagery in NORTHERN BC over approximately 5011Km² at a ground sample distance (GSD) of 25cm in a NAD83/CGDV2013 datum.
- Produce raw imagery, stereo models and ortho imagery
- Provide specific image enhancements in conjunction with the Forest Analysis and Inventory Branch (FAIB) as they relate to the normalization of aerial and satellite imagery
- The proponent must be able to manage the acquisition-, quality control- and delivery of geospatial products with a strong emphasize on quality control and timely delivery.

The contract will not exceed a value of \$225,345 and is expected to cover a period of 9 months, starting July 1, 2016.

The Ministry did not call for vendor proposals for the following reasons:

- GeoSys Technologies has won the request for proposals twice since 2014 & 2015 and shown exceptional knowledge and acquisition skills during the data collection period. The geographic areas for both locations show difficult weather patterns and are often exposed to forest fire and extreme weather conditions. GeoSys Technologies has developed a solid understanding of successfully managing the area specific acquisition with respect to weather patterns, hazard and risk mitigation.
- The project is ongoing since 2014 and provides the Forest Analysis and Inventory Branch (FAIB) with image and data products in relation to a forest research study. GeoSYS Technologies has developed specific image enhancement and manipulation tools in conjunction with FAIB that meet the specific image requirements of the branch.
- The Ministry believes no other potential contractor has the depth of knowledge and experience to complete this project in the time available. To engage another contractor would require start up time and costs which are not in the best interests of the Province and would not allow immediate resolution of any issue related to the aforementioned research project.
- Due to the location of the team members and the need for many face to face meetings the contractor is required to be closely located to Victoria, BC.
- The hourly rate of the contractor is consistent with the industry standard



Vendors wishing to object to this decision should email or call Harald Steiner on or before Friday June 17, 2016, presenting specific reasons for their objection. If justified, a vendor's meeting, with Ministry representatives present to discuss the decision, will be called to receive vendor representations regarding this contract. Vendor ability to offer products and services resulting in the same or better solutions at a lower cost in the same timeframe will be the key criterion with regard to the consideration of vendor objections.



Harald Steiner, Peng
Team Lead | Digital Image Services
GeoBC
Phone (250) 952-6572
Fax (250) 952-4188
Forests, Lands and Natural Resource Operations
Harald.Steiner@gov.bc.ca
www.geobc.gov.bc.ca



GeodesyGroup Inc.
Aerial Imagery and Mapping Solutions

June 14, 2016

Harald Steiner, Peng
Team Lead Digital Image Services
GeoBC
Harald.Steiner@gov.bc.ca

Dear Sir

**Vendor Objection: Notice of Intent to Contract: OP17BMC24 to GEOSYS
Technology Services; Published June 13, 2016 BC Bids but dated 05 May 2016**

After review the management of GeodesyGroup Inc. would like to lodge this formal objection about this intent to contract and the reasons proposed by the responsible department to the Minister to justify the reasons behind the requirement to sole source this project. Please refer to the NOI_GEOSYS_CASSIER.pdf attached.

The comments and rationale from GeoBC as to why this was not tendered are for the following reasons:
s.17,s.21



GeodesyGroup Inc.
Aerial Imagery and Mapping Solutions

5. s.17,s.21

6.

7.

s.17,s.21

We and I'm sure the taxpayers of BC are simply asking for fairness in your tender process, especially when substantial dollar values are concerned and are stating that this project should be re-tendered as an RFQ - not to exceed the specified budget of \$225,345.

Yours sincerely,

Marcel Joubert

Managing Director: GeodesyGroup Inc.

Unit 15, 4 Winters Way, Okotoks, AB T1S 0J1 Phone (403) 938-6400 Fax (403) 938-1624
e-mail: marcel@geodesygroup.com



GeodesyGroup Inc.

Aerial Imagery and Mapping Solutions

Cc's

Government of British Columbia: Trade Policy nwptabc@gov.bc.ca

Government of Alberta: Trade Policy nepta@gov.ab.ca

NWTPA Administrator: nwpta.administrator@shaw.ca

Hon. Minister Forest, Lands and resources: Mr Steve Thomson: FNL.R.Minister@gov.ba.ca

Director and Manager GeoBC: Mr Brad Hlasny and Mr Andrew Calarco

Brad.Hlasny@gov.bc.ca and Andrew.calarco@gov.bc.ca

BC Procurement Governance: procurementgovernance@gov.bc.ca

Lawyers: McLean and Co, Mr Jack McLean, Okotoks

Belaney, Tanyann FIN:EX

From: Belaney, Tanyann FIN:EX on behalf of FIN OCG Procurement Governance FIN:EX
Sent: Thursday, May 5, 2016 11:39 AM
To: 'fnajafi@xyfon.com'
Cc: FIN OCG Procurement Governance FIN:EX
Subject: RE: how to file a complaint

Good Morning Farid

The Vendor Complaint Review Process (<http://www.fin.gov.bc.ca/ocg/pgo/VCRP.htm>) of the Government of British Columbia is applicable only to its ministries and direct government entities. As such, procurements conducted by cities are not covered by the BC Government's VCRP and therefore it cannot be utilized to submit a complaint regarding procurement practice.

Accordingly, the Procurement Governance Office is unable to review your complaint; however you may wish to contact the representative indicated in the solicitation document to discuss your concerns. Another resource available is the Auditor General for Local Government (<http://www.aglg.ca/>) which is accessible to both local governments and to taxpayers.

Sincerely,

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

From: Farid Najafi [<mailto:fnajafi@xyfon.com>]
Sent: Wednesday, May 4, 2016 10:58 AM
To: FIN OCG Procurement Governance FIN:EX
Subject: how to file a complaint




Good morning,
In Feb 2016 we bid on an RFP with the City of Williams Lake. s.17

s.17

Regards,

Farid Najafi – Director Of IT

Ph: 604.568.1221 ext: 111 | Cell: s.22

| xyfon.com |   



Page 132

Withheld pursuant to/removal as

DUPLICATE

Belaney, Tanyann FIN:EX

From: Belaney, Tanyann FIN:EX on behalf of FIN OCG Procurement Governance FIN:EX
Sent: Tuesday, May 3, 2016 10:32 AM
To: 'declan'
Subject: RE: Vendor Complaint
Attachments: D.Lawlor Feb 10 2016.pdf

Good Morning Mr. Lawlor

As requested, please see attached copy of the response mailed.

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

From: declan [mailto:declan@firstaid.ca]
Sent: Monday, May 2, 2016 5:19 PM
To: FIN OCG Procurement Governance FIN:EX
Subject: RE: Vendor Complaint

Yes. Please send an email copy of the response.

Sent from my Samsung Galaxy smartphone.

----- Original message -----

From: "FIN OCG Procurement Governance FIN:EX" <procurementgovernance@gov.bc.ca>
Date: 2016-05-02 4:35 PM (GMT-08:00)
To: "'declan@firstaid.ca'" <declan@firstaid.ca>
Subject: RE: Vendor Complaint

Good Afternoon Mr. Lawlor

According to our records, the mailed response was delivered February 11, 2016, and was signed for by a Delainie.

If you would like an email copy of the response sent, please let us know.

Sincerely,

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

From: Declan Lawlor [<mailto:declan@firstaid.ca>]
Sent: Monday, May 2, 2016 9:54 AM
To: FIN OCG Procurement Governance FIN:EX
Cc: Declan Lawlor
Subject: RE: Vendor Complaint

Respectfully still waiting for a reply.

Declan Lawlor
Academy of Emergency Training Inc.
#201 - 4199 Lougheed Highway
Burnaby, B.C. V5C-3Y6
[Tel:604.922.2249](tel:604.922.2249)
www.firstaid.ca
Canada's Resuscitation Experts

This email and any attachment may contain confidential and privileged information and is copyrighted. If you are not the intended recipient, please notify the sender immediately by return email, delete this email and destroy any copies. Any dissemination or use of this information by a person other than the intended recipient is unauthorized and may be illegal. Thank you.

From: Declan Lawlor [<mailto:declan@firstaid.ca>]
Sent: Tuesday, January 19, 2016 4:28 PM
To: 'FIN OCG Procurement Governance FIN:EX'
Cc: 'Declan Lawlor'
Subject: RE: Vendor Complaint

Dear Sir/Madam,

Would you please ensure that any correspondence has been mailed as this email has been sitting in our spam account.

s.22

We again raise our concerns for your attention.

Respectfully,

Declan Lawlor

Academy of Emergency Training Inc.

#201 - 4199 Lougheed Highway

Burnaby, B.C. V5C-3Y6

Tel: 604.922.2249

www.firstaid.ca

Canada's Resuscitation Experts

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From: FIN OCG Procurement Governance FIN:EX [<mailto:procurementgovernance@gov.bc.ca>]
Sent: Tuesday, May 26, 2015 5:00 PM
To: 'Declan Lawlor'
Cc: FIN OCG Procurement Governance FIN:EX
Subject: RE: Vendor Complaint

May 26, 2015

Academy of Emergency Training

Burnaby, BC

Mr. Lawlor,

This is to acknowledge we have received your email, regarding your complaint related to the procurement ON - LEF314.

The Procurement Governance Office (PGO) Vendor Complaint Review Process deals with complaints that have not been satisfactorily concluded by the ministry or Shared Services BC (SSBC).

Please confirm whether you have exercised this option with the Ministry of Technology, Innovation & Citizens' Services, and/or the Ministry of Health, per the procedures established in the links below:

- Ministry of Technology, Innovation & Citizens' Services:
http://www.gov.bc.ca/citz/down/vendor_complaint_review_process.pdf
- Ministry of Health: <http://www2.gov.bc.ca/gov/topic.page?id=F2C9D97662AF4A53B2CAAF9B8DB3659A>

If not, to begin the process please refer to the procedures identified.

Sincerely,

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

From: Declan Lawlor [<mailto:declan@firstaid.ca>]
Sent: Sunday, May 24, 2015 2:25 PM
To: FIN OCG Procurement Governance FIN:EX
Subject: Vendor Complaint

Please find our attached Vendor Complaint that has been ignored by the Health Ministry staff.

Thank you .

Declan Lawlor
Academy of Emergency Training Inc.
#201 - 4199 Lougheed Highway
Burnaby, B.C. V5C-3Y6
Tel:604.922.2249
www.firstaid.ca
Canada's Resuscitation Experts

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February 9, 2016

347958

Declan Lawlor
Academy of Emergency Training Inc.
#201 – 4199 Lougheed Highway
Burnaby, BC
V5C 3Y6

Mr. Lawlor,

This is to acknowledge we have received your January 19, 2016 email, related to procurement ON - LEF314.

The government Vendor Complaint Review Process (VCRP) provides the vendor community with access to a consistent, fair and timely process to address complaints concerning government's procurement processes.

Ministries and Shared Services BC are responsible for undertaking procurement processes, and are primarily responsible under the VCRP for reviewing vendor complaints about their procurement processes. Each ministry has their own complaint review process that is consistent with the VCRP framework, but may contain modifications specific to their structure and operations. The Procurement Governance Office (PGO), as a governance body independent of the procuring entities, provides overall management of the VCRP and reviews complaints not satisfactorily concluded by ministries and SSBC. Information on the ministries vendor complaint processes is available at <http://www.fin.gov.bc.ca/ocg/pgo/VCRP.htm>.

The procurement opportunity referenced was a Ministry of Health procurement managed by the Ministry of Technology, Innovation & Citizens' Services (Shared Services BC). Under the VCRP, vendors are responsible for making reasonable efforts to review the complaint with the ministry by contacting the entity and following their complaint review process. Please ensure that before complaints are submitted to PGO, specific ministry processes have been fully exercised.

For any further questions, please contact us through our email address procurementgovernance@gov.bc.ca.

Sincerely,

Tamara McLeod
Executive Director & Chief Procurement Officer
Procurement Governance Office, Financial Management Branch
Office of the Comptroller General
Ministry of Finance

cc:

CFSMail@gov.bc.ca, Procurement Services Branch, Ministry of Technology, Innovation and Citizen's Services
hth.contractmanagement@gov.bc.ca, Contract Management, Finance and Decision Support Branch, Ministry of Health

Page 139 to/à Page 144

Withheld pursuant to/removed as

DUPLICATE

Belaney, Tanyann FIN:EX

From: Belaney, Tanyann FIN:EX on behalf of FIN OCG Procurement Governance FIN:EX
Sent: Friday, April 22, 2016 9:39 AM
To: 'Brad Boyd'
Subject: RE: FORMAL NOTICE OF APPEAL, OBJECTION AND STAY OF AWARD [ON-002815]:

April 22, 2016

Low Cost Interlock Canada, INC.
422 Richards St Suite 170
Vancouver BC V6B 2Z4

Mr. Boyd

This is to acknowledge we have received your email, regarding your complaint related to the procurement ON - 002815.

The Procurement Governance Office (PGO) Vendor Complaint Review Process deals with complaints that have not been satisfactorily concluded by the ministry or Shared Services BC (SSBC).

Links to the procedures for the Ministry of Technology, Innovation & Citizens' Services, and Public Safety & Solicitor General, are below:

- Ministry of Technology, Innovation & Citizens' Services:
http://www.gov.bc.ca/citz/down/vendor_complaint_review_process.pdf
- Ministry of Public Safety & Solicitor General: <http://www2.gov.bc.ca/gov/content/employment-business/business/business-government/concerns-and-complaints/justice-vendor-complaint-review-process>

Sincerely,

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

From: Brad Boyd [mailto:Brad@lowcostinterlock.com]
Sent: Thursday, April 21, 2016 4:53 PM
To: Keenan, Ralph C.MTIC:EX; FIN OCG Procurement Governance FIN:EX
Cc: Allan Soli; Becki Lyon; Mike Lyon
Subject: FORMAL NOTICE OF APPEAL, OBJECTION AND STAY OF AWARD [ON-002815]:
Importance: High

Dear Mr. Keenan:

Pursuant to your email to our Becki Lyon of today's date, this is our formal notice of objection to and appeal of your stated reason(s) for not considering our proposal.

As there isn't a link for the **Vendor Review Complaint Process**, for the **Ministry of Public Safety & Solicitor General**, we are copying them on this correspondence.

The process requests the following, and accordingly we answer each requirement, highlighted in yellow:

. Complaint Format and Information Requirements

The complaint must include:

- name, title, company name, address, e-mail address, fax and telephone numbers of the complainant. ***Low Cost Interlock Canada, INC. / Low Cost Interlock Canada, INC. 422 Richards St Suite 170 Vancouver BC V6B 2Z4, brad@lowcostinterlock.com / Phone: 309-808-9289 / Fax: 877-679-6025 / Brad Boyd / Chief Operations Officer***
- the signature of the complainant. Where an email complaint has been received, it will be deemed to have been signed by the originator of the email. ***As per email sender***
- competition or contract number. ***ON -002815***
- a detailed description of the complaint, the background leading to the complaint, including relevant dates, and actions of involved parties. **Further to Mr. Keenan's email reasons stated below, Section 5.4.9 of the RFP document states:**

Readiness at Contract Commencement The Contractor will be responsible for the delivery of the IIP Services as of October 1, 2016. Sixty (60) days prior to that date, the Contractor will be required to demonstrate to the Province that it has the necessary resources and procedures in place (including Province approvals as required) and that it will be ready to successfully commence delivery of the IIP Services.

Response Guideline for section 5.4.9

Proponents should provide a detailed plan for ensuring that required resources, procedures and approvals will be in place to successfully commence delivery of the IIP Services on October 1, 2016.

The affidavit (attached) Mr. Keenan refers to, clearly says that ^{s.17,s.21}
^{s.17,s.21}

- copies of relevant documents, including the Vendor Complaint Review Form submitted under the ministry/SSBC process. ***please see attached***
- the name of the ministry or SSBC representative contacted to review the complaint originally, and the results of the discussions or correspondence within the procuring entity's vendor complaint review process. ***Ralph Keenan | Procurement Specialist | Procurement Services Branch | Shared Services BC Ph: 250-387-7328 | e: Ralph.Keenan@gov.bc.ca | m: PO Box 9476, Stn Prov Gov, Victoria BC V8W 9W6***
- request for a review of the complaint. ***This is our formal request for a review and appeal of our non-consideration and a formal request for a stay of awarding this RFP.***
- actions/remedies being requested of the Province. ***This is a request that the province***

review and evaluate our response on the same basis as all other proponents. Also if an evaluation has been done on our proposal that it be released forthwith, as well as the evaluation scores of the other proponents.

- information establishing that the person submitting the complaint is a valid complainant as per the definition (section 6.2.1). *As Chief Operations Officer, I, Brad Boyd, am authorized to initiate this complaint.*
- a statement that no other review process is currently underway for the complaint. *No other review process is currently underway.*

Yours very truly:

Brad Boyd
COO
www.LowCostInterlock.com
brad@lowcostinterlock.com
s.22

P.800.352.4872
F.877.679.6025



----- Forwarded message -----

From: "Keenan, Ralph C MTIC:EX" <Ralph.Keenan@gov.bc.ca>
Date: Thu, Apr 21, 2016 at 1:45 PM -0700
Subject: Regarding Request for Proposal (RFP) ON-002815 – Ignition Interlock Program Delivery
To: "Becki Lyon" <becki@lowcostinterlock.com>

Dear Becki Lyon

I am writing to inform you that we are unable to review your proposal as submitted.
Section 5.3 of the RFP set out that "Each Proponent must as part of its proposal, s.17,s.21
s.17,s.21

The Response Guideline for this section requested that Proponents "must", s.17,s.21
s.17,s.21

Regards

Ralph Keenan | Procurement Specialist | Procurement Services Branch | Shared Services BC
Ph: 250-387-7328 | **e:** Ralph.Keenan@gov.bc.ca | **m:** PO Box 9476, Stn Prov Gov, Victoria BC V8W 9W6



**PROCUREMENT
SERVICES**

A BRANCH OF SHARED SERVICES BC

Page 149 to/à Page 151

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DUPLICATE

Page 152

Withheld pursuant to/removed as

s.21;s.17

Belaney, Tanyann FIN:EX

From: Weber, Betty FIN:EX
Sent: Friday, February 26, 2016 8:37 AM
To: FIN OCG Procurement Governance FIN:EX
Subject: FW: Procurement Guidelines

From: Weber, Betty FIN:EX **On Behalf Of** FIN OCG Procurement Governance FIN:EX
Sent: Thursday, February 25, 2016 4:20 PM
To: 'david.flamma@hds.com'
Cc: McLeod, Tamara FIN:EX
Subject: FW: Procurement Guidelines

Hello David,

I am responding to your educational request on behalf of the Procurement Governance Office. You may wish to access our website below for additional information, if not already done.

<http://www.fin.gov.bc.ca/ocg/pgo/pgo.htm>

In response to your questions on educational resources, the following is provided:

1. Any questions related to a specific RFP/RFQ on BC Bid can be referred directly to the ministry contact individual identified in the RFP/RFQ.
2. Refer to BC Bid Resources (public website – see link below) developed by Logistics and Business Services, more specifically related to educational information on RFP/RFQs.

<http://www2.gov.bc.ca/gov/content/governments/services-for-government/bc-bid-resources/how-to-buy-services/procurement-process/pre-award/select-a-solicitation-process-and-template#srfgprrfp>

3. Guidance documents such as (a) *Ministry Guide to RFP Process* and (b) *Guide to Responding to Government RFPs (vendor perspective)* can also be found on the BC Bid Resources website.

You may wish to also contact the Procurement Services Branch in your endeavor to find more information as they are responsible for buying goods and services on behalf of ministries. They can be contacted at: Procurement@gov.bc.ca

Thanks.

Betty Weber
Director, Procurement Governance

From: David Flamma <david.flamma@hds.com>
Sent: February-23-16 9:23 AM
To: McLeod, Tamara FIN:EX
Subject: Procurement Guidelines

Tamara:

I hope you are well. I was wondering if you could help me find the information I am looking for?

I am engaged in several IT-related RFP/RFQ responses from the BC Bids website.

There are several that to my eyes are not compliant with the guidelines as I understand them.

I would like to educate myself and understand fully what constitutes a compliant RFP/RFQ on the BC bids site.

My main concern is that some RFPs are actually asking for one specific vendor's solutions. Perhaps this is within the guidelines in some circumstances. It seems odd to me.

However, when many like solutions would perform as well or perhaps better, it is a concern when I see these.

Further, many have funding:

- The BCKDF funds up to 40 percent of total eligible project costs;
- The Canada Foundation for Innovation funds up to 40 percent of total eligible project costs; and

Making these one-vendor RFPs on the surface not following the spirit of what the BC Bid process is trying to achieve. I think the way they are passing through is that technically they could receive more than one bid through resellers. Again, the issue is the RFPs are asking for one specific vendor solution

Other bids provide language that actually awards points in the scoring to existing vendors. One would think that relevant experience in that vertical would be a valid criteria, rather than being an incumbent. This may be a grey area where nothing can be done, however, in my experience, this is an odd inclusion.

Thank you for your help.

David Flamma
Sr. Territory Sales Manager
British Columbia
Hitachi Data Systems
4720 Kingsway
Metrotower II – Suite 2600
Burnaby BC, Canada

Mobile: 604-868-4545
Work: 778-374-1834
Email: david.flamma@hds.com

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Belaney, Tanyann FIN:EX

From: Belaney, Tanyann FIN:EX on behalf of FIN OCG Procurement Governance FIN:EX
Sent: Wednesday, February 10, 2016 2:27 PM
To: FIN OCG Procurement Governance FIN:EX
Cc: CFSMail, MTIC; HLTH Contract Management HLTH:EX
Subject: Response Letter
Attachments: 347958 letter response.pdf

Please see attached response letter.

Sincerely,

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca



February 9, 2016

347958

Declan Lawlor
Academy of Emergency Training Inc.
#201 – 4199 Lougheed Highway
Burnaby, BC
V5C 3Y6

Mr. Lawlor,

This is to acknowledge we have received your January 19, 2016 email, related to procurement ON - LEF314.

The government Vendor Complaint Review Process (VCRP) provides the vendor community with access to a consistent, fair and timely process to address complaints concerning government's procurement processes.

Ministries and Shared Services BC are responsible for undertaking procurement processes, and are primarily responsible under the VCRP for reviewing vendor complaints about their procurement processes. Each ministry has their own complaint review process that is consistent with the VCRP framework, but may contain modifications specific to their structure and operations. The Procurement Governance Office (PGO), as a governance body independent of the procuring entities, provides overall management of the VCRP and reviews complaints not satisfactorily concluded by ministries and SSBC. Information on the ministries vendor complaint processes is available at <http://www.fin.gov.bc.ca/ocg/pgo/VCRP.htm>.

The procurement opportunity referenced was a Ministry of Health procurement managed by the Ministry of Technology, Innovation & Citizens' Services (Shared Services BC). Under the VCRP, vendors are responsible for making reasonable efforts to review the complaint with the ministry by contacting the entity and following their complaint review process. Please ensure that before complaints are submitted to PGO, specific ministry processes have been fully exercised.

For any further questions, please contact us through our email address procurementgovernance@gov.bc.ca.

Sincerely,

Tamara McLeod
Executive Director & Chief Procurement Officer
Procurement Governance Office, Financial Management Branch
Office of the Comptroller General
Ministry of Finance

cc:

CFSMail@gov.bc.ca, Procurement Services Branch, Ministry of Technology, Innovation and Citizen's Services
h1th.contractmanagement@gov.bc.ca, Contract Management, Finance and Decision Support Branch, Ministry of Health

Belaney, Tanyann FIN:EX

From: Belaney, Tanyann FIN:EX on behalf of FIN OCG Procurement Governance FIN:EX
Sent: Wednesday, February 10, 2016 9:03 AM
To: s.22
Cc: FIN OCG Procurement Governance FIN:EX
Subject: RE: Issues regarding contract wording

Tracking:	Recipient	Delivery
	s.22	
	FIN OCG Procurement Governance FIN:EX	Delivered: 2016-02-10 9:03 AM

s.22

Good Morning

You could contact Procurement Services at procurement@gov.bc.ca.

Thank you.

Procurement Governance Office
Financial Management Branch
Office of the Comptroller General
Ministry of Finance
617 Government Street
Victoria, B.C.
V8W 9V1
E: procurementgovernance@gov.bc.ca

-----Original Message-----

s.22
From: I
Sent: Tuesday, February 9, 2016 2:54 PM
To: FIN OCG Procurement Governance FIN:EX
Subject: Re: Issues regarding contract wording

s.22
Thank you.

s.22

s.22

and all the best.

On 2016-02-09, at 2:07 PM, FIN OCG Procurement Governance FIN:EX wrote:

> Hello s.22

>

> The current corporate service agreements are designed for ministry usage and apply in specific situations.

>

> Ministries can develop customized contracts, in consultation with legal services, when the corporate service agreements are not appropriate.

>

> For specific contracts and clauses, you may discuss and/or provide comments to the specific ministry involved in any given procurement.

>
> For your reference, there is general information on the procurement and contract templates available on BC Bid Resources at <http://www2.gov.bc.ca/gov/content/governments/services-for-government/bc-bid-resources/templates-and-tools>. In addition, a video is available at <http://www2.gov.bc.ca/gov/content/governments/services-for-government/bc-bid-resources/reference-resources/how-to-videos#twentyfour> which deals specifically with contracts.

>
> If you have further questions, please do not hesitate to contact us.

>
> Thank you.

>
> Procurement Governance Office
> Financial Management Branch
> Office of the Comptroller General
> Ministry of Finance
> 617 Government Street
> Victoria, B.C.
> V8W 9V1
> E: procurementgovernance@gov.bc.ca

>
> -----Original Message-----
> From: s.22
> Sent: Friday, February 5, 2016 11:14 AM
> To: FIN OCG Procurement Governance FIN:EX
> Subject: Issues regarding contract wording

s.22

s.22 Thank you.

Page 160 to/à Page 165

Withheld pursuant to/removed as

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