

File No.: 04-1000-20-2019-746

February 19, 2020

s.22(1)

Dear s.22(1)

Re: **Request for Access to Records under the Freedom of Information and Protection of Privacy Act (the "Act")**

I am responding to your request of November 28, 2019 for:

The report prepared by PWL Partnership Landscape for RFP No. PS20161417.

All responsive records are attached. Some information in the records has been severed, (blacked out), under s.21(1) of the Act. You can read or download this section here: http://www.bclaws.ca/EPLibraries/bclaws_new/document/ID/freeside/96165_00

Please note, Parks Board Staff confirms this project is on hold while the Stanley Park Comprehensive Strategy is in progress.

Under section 52 of the Act, and within 30 business days of receipt of this letter, you may ask the Information & Privacy Commissioner to review any matter related to the City's response to your FOI request by writing to: Office of the Information & Privacy Commissioner, info@oipc.bc.ca or by phoning 250-387-5629.

If you request a review, please provide the Commissioner's office with: 1) the request number (#04-1000-20-2019-746); 2) a copy of this letter; 3) a copy of your original request; and 4) detailed reasons why you are seeking the review.

Yours truly,



Barbara J. Van Fraassen, BA
Director, Access to Information & Privacy

Barbara.vanfraassen@vancouver.ca
453 W. 12th Avenue Vancouver BC V5Y 1V4

*If you have any questions, please email us at foi@vancouver.ca and we will respond to you as soon as possible. Or you can call the FOI Case Manager at 604.871.6584.

Encl.

:ma

LOST LAGOON FOUNTAIN RESTORATION

COMMERCIAL PROPOSAL
RFP # PS20161417
CITY OF VANCOUVER
NOVEMBER 15, 2016



REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

PART C - FORM OF PROPOSAL

RFP No. PS20161417, LOST LAGOON FOUNTAIN RESTORATION (the "RFP")

Proponent's Name: PWL Partnership Landscape Architects Inc.

"Proponent"

Address: 5th Floor, East Asiatic House, 1201 West Pender Street

Vancouver, BC Canada, V6E 2V2

Jurisdiction of Legal Organization: Vancouver, BC

Date of Legal Organization: 1976

Key Contact Person: Grant Brumpton

Telephone: 604.725.9295

Fax: _____


E-mail: gbrumpton@pwlpartnership.com

Dun & Bradstreet Number: 25-718-1313

The Proponent, having carefully examined and read the RFP, including all amendments and addenda thereto, if any, and all other related information published on the City's website, hereby acknowledges that it has understood all of the foregoing, and in response thereto hereby submits the enclosed Proposal.

The Proponent further acknowledges that it has read and agrees to the Legal Terms & Conditions attached as Appendix 1 to this Form of Proposal.

IN WITNESS WHEREOF the Proponent has executed this Proposal Form:



Signature of Authorized Signatory for the Proponent

October 31, 2016

Date

Grant Brumpton, Principal

Name and Title

Signature of Authorized Signatory for the Proponent

Date

Name and Title

APPENDIX 3 COMMERCIAL PROPOSAL

Table 1 - Maximum Fees and Disbursements for Design and Construction Contract Management Services for the Restoration of the Lost Lagoon Fountain as set out in RFP PS20161417

DELIVERABLE	KEY PERSONNEL	ROLE	HOURS	RATE PER HOUR	PRICE (\$)	FEES SUB-TOTAL (\$)	DISBURSEMENTS (\$)	EXTENDED (\$)	TOTAL HOURS
1. Kick-off Meeting	Grant Brumpton	Partner-in-charge prime consultant	20	s.21(1)					
	Peter Liaw	Project Manager	40						
as set out in Part B Section 2 3(b)	Peter Smith	Principal- VHA	4						
	Dennis Hodgkinson	Project echnologist -RJC	2						
includes project start up meeting preparation time and project administration	Alexis Lam	Principal- n-Charge - Yoneda	3						
	Stephen Ren	Project Engineer	3						
	May Chan	Electrical Designer	3						
	Wol Schenke	Electrical Engineer in Charge	3						
2. Membrane Replacement	Grant Brumpton	Partner-in-charge prime consultant	4						
	Peter Liaw	Project Manager	8						
	Leslie Peer	Principal - RJC	2						
as set out in Part B Section 2 2(a)	Dennis Hodgkinson	Project echnologist - RJC	8						
includes required meeting time	RJC	Design Engineer - RJC	16						
	RJC	Dra ter - RJC	6						
3. Electrical/Mechanical Systems	Grant Brumpton	Partner-in-charge prime consultant	16						
	Peter Liaw	Project Manager	30						
	Peter Smith	Principal-VHA	101						
as set out in Part B Section 2 2(b)	Amy Guo	Designer- VHA	213						
	Alexis Lam	Principal- n-Charge - Yoneda	14						
	Stephen Ren	Project Engineer - Yoneda	27						
includes required meeting time and project administration	YONEDA	Design ech - Yoneda	20						
	May Chan	Electrical Designer	30						
	Rick Arikado	Lighting/ElectricalDesigner	25						
	Wol Schenke	Electrical Engineer in Charge	10						
4. Water Level Controller									
as set out in Part B Section 2 2(c)									
5. Bubblers									
as set out in Part B Section 2 2(d) ncluded in Aquatic Biologist									
6. Design Drawings (professionally stamped)	Grant Brumpton	Partner-in-charge prime consultant	40						
	Peter Liaw	Project Manager	75						
	Erin Ramsay	Landscape Designer	30						
	Peter Smith	Principal-VHA	101						
	Amy Guo	Designer- VHA	213						
includes 3 meeting time with sta and project administration	Sylvie Mercier	Principal - RJC	4						
	RJC	Design Engineer - RJC	24						
	RJC	Dra ter - RJC	6						
as set out in Part B Section 2 3(g)	Alexis Lam	Principal- n-Charge - Yoneda	10						
Review VHS DWG & Stamps	Stephen Ren	Project Engineer - Yoneda	30						
	YONEDA	Design ech - Yoneda	25						
	May Chan	Electrical Designer	35						
	Rick Arikado	Lighting/ElectricalDesigner	15						
	Wol Schenke	Electrical Engineer in Charge	8						
	CAD Sta	Junior/ ntermediate ech	25						

Table 1 - Maximum Fees and Disbursements for Design and Construction Contract Management Services for the Restoration of the Lost Lagoon Fountain as set out in RFP PS20161417

	DELIVERABLE	KEY PERSONNEL	ROLE	HOURS	RATE PER HOUR	PRICE (\$)	FEES SUB-TOTAL (\$)	DISBURSEMENTS (\$)	EXTENDED (\$)	TOTAL HOURS
7	Construction Administration Services		Director	36	\$21(1)					
				96						
		Erin Ramsay	Landscape Designer	30						
		Ter Smith	Principal - VHA	5						
		Amy Guo	Designer - VHA	59						
		Sylvie Mercer	Principal - RJC	10						
		Dennis Hodgkinson	Project Technologist - RJC	8						
		RJC	Design Engineer - RJC	32						
		RJC	Design Engineer - RJC	40						
		Alexis Lam	Principal - Charge - Yoneda							
		Stephen Ren	Project Engineer - Yoneda	15						
		Rob Ferrby	Electrical Construction Admin Services	34						
		Wolfgang Schenke	Electrical Engineer in Charge	6						
		May Chan	Electrical Designer							
		Rick Akado	Lighting/Electrical Designer	8						
8.	As-Built Drawings	Grant Brumpton	Partner-in-Charge - Prime Consultant	2						
		L. Law	Project Manager	8						
		Erin Ramsay	Landscape Designer	6						
		Peeter Smith	Principal - VHA	8						
		Amy Guo	Designer - VHA	8						
		Sylvie Mercier	Principal - RJC							
		Dennis Hodgkinson	Project Technologist - RJC							
		JC	Design Engineer - RJC	4						
		RJC	Design Engineer - RJC	4						
9	Heritage Consultant	Donald Luxton	Heritage Consultant Lead - DLA	15						
		Megan Faulkner	Heritage Planner - DLA	15						
		R.J. McCulloch	Heritage Planner - DLA	15						
		Elijah Sabadlan	Heritage Conservation Support - DLA	10						
	Aquatic Biologist		Aquatic Ecosystem Review - Ancillary							
10.		Mark Adams	Aeration and Water Level Regime -							
			Meetings (2) - Envirowest	16						
			4 days @ \$21(1) per day \$21(1) (includes							
		Mark Adams	90% design drawings) - Envirowest	32						
11.	Topographical Survey	Zuzana Fulkova	Land Survey - Murray & Associates							
12.	Disbursements									
13.	Subtotal (including PST)									
14.	Maximum Fees and Disbursements								\$232,208.25	

APPENDIX 3

PRICING FORM

Tab e 2 Labour Rates for Add t ona Work

	KEY PERSONNEL/SUBCONTRACTOR	ROLE	HOURLY RATE	DAILY RATE
1	Grant Brumpton PWL Partnership	Principal in charge o the project	s.21(1)	
2	Peter Liaw Associate PWL Partnership	Primary project manager drawing coordination contract administration lead		
3	Erin Ramsay Landscape Designer PWL Partnership	Drawing production contract administration support		
4	Peter Smith VHA	Principal		
5	Amy Guo VHA	Designer		
6	Donald Luxton DLA	Heritage Consultant Lead		
7	Megan Faulkner DLA	Heritage Planner		
8	RJ McCulloch DLA	Heritage Planner		
9	Elijah Sabadlan DLA	Heritage Conservation Support		
10	Sylvie Mercier RJC	Principal		
11	Leslie Peers RJC	Principal		
12	Dennis Hodgkinson RJC	Project echnologist		
13	RJC	Design Engineer		
14	RJC	Dra ter		
15	Alexis Lam Yoneda	Prinicpal		
16	Stephen Ren Yoneda	Project Engineer		
17	Mark Adams Envirowest	Aquatic Biologist - Designer - Programmer		
18	Wol Schenke MCW Consultants	Electrical Engineer in Charge		
19	Rick Arikado MCW Consultants	Lighting/ Electrical Designer		
20	May Chan MCW Consultants	Electrical Designer		
21	Rob Ferriby MCW Consultants	Elect Construction Admin Services		
22	Zuzana Fulkova Murray & Associates	Land Surveyor		

LOST LAGOON FOUNTAIN RESTORATION

RFP # PS20161417
CITY OF VANCOUVER
NOVEMBER 15, 2016



LOST LAGOON

FOUNTAIN RESTORATION

RFP # PS20161417
CITY OF VANCOUVER
NOVEMBER 15, 2016

SUBMITTED BY

PWL Partnership Landscape Architects Inc.

IN PARTNERSHIP WITH

Vincent Helton & Associates Ltd.

Donald Luxton & Associates Inc.

RJC Engineers

Yoneda & Associates

Envirowest Consultants Inc.

MCW Consultants Ltd.

CONTACT

Grant Brumpton, Principal

5th Floor, East Asiatic House

1201 West Pender Street

Vancouver, BC V6E 2V2

T: 604.688.6111

D: 604.725.9295

E: gbrumpton@pwlpartnership.com

www.pwlpartnership.com

City of Vancouver
Attn: Gamaliel Martinez
Vancouver City Hall
453 West 12th Ave
Vancouver, BC V5Y 1V4

November 15, 2016

Re: RFP No. PS20161417 Lost Lagoon Fountain Restoration

Mr. Gamaliel Martinez

I speak for our entire team when I say that we are all genuinely excited by the opportunity this project presents to restore and enhance one of the most recognizable landmarks in Vancouver. We appreciate the significant value the citizens of Vancouver place on the Lost Lagoon Fountain and look forward to meeting these high expectations.

We have assembled a team of Vancouver based engineering specialists who are recognized leaders in their respective disciplines. Our team has an impressive track record of working not only together, but also collaboratively with the Park Board on past projects. We look forward to the opportunity to build on our past successes by assisting the Park Board in delivering these important upgrades.

Please don't hesitate to get in touch if you have any questions.

Sincerely,
PWL Partnership Landscape Architects Inc



Grant Brumpton BCSLA AALA CSLA
Principal



Lost Lagoon Stanley Park, Vancouver, BC | PWL Partnership

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APPENDIX A: FORMS

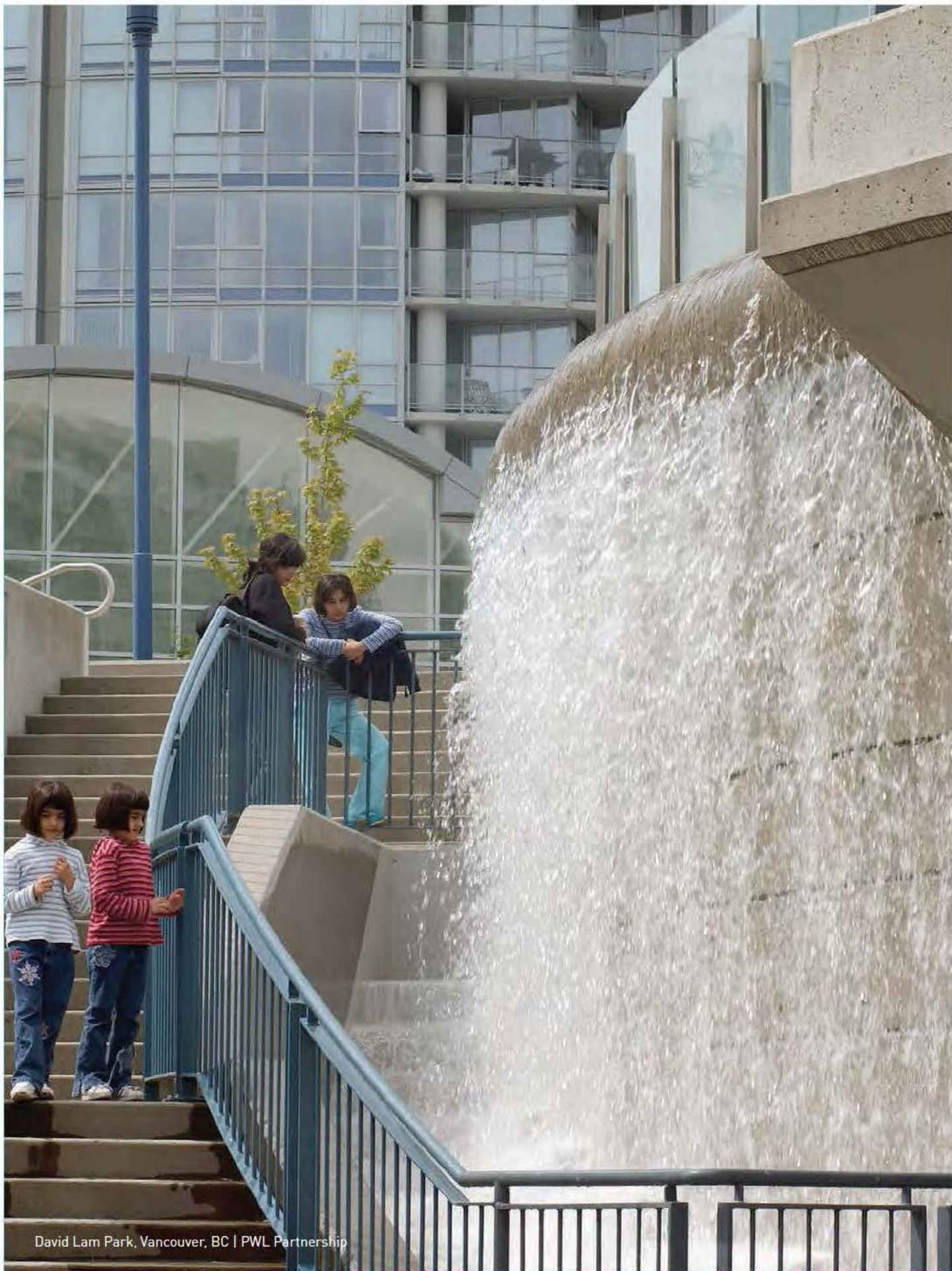
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David Lam Park, Vancouver, BC | PWL Partnership

APPENDIX A: FORMS



David Lam Park, Vancouver, BC | PWL Partnership

REQUEST FOR PROPOSALS " RFP" PS20161417
LOST LAGOON FOUNTAIN RESTORATION

AMENDMENT NUMBER 1

October 6, 2015

1. **RE: CLOSING TIME**

Delete the Closing Time of the RFP specified in Part A, Section 2.1 and replace as follows:

Closing Time: 3:00 p.m., November 15, 2016

2. **RE: OBJECTIVE OF RFP**

Delete Section 1.6 in Part B of the RFP and replace as follows:

- 1.6 The objective of this RFP is to retain a landscape architecture firm to lead the design and restoration of the Lost Lagoon Fountain in Stanley Park. The project will restore the fountain to its past grandeur and ensure the fountain is operating effectively and efficiently well into the future.

3. **RE: REQUIREMENTS: PART B, SECTION 2.1**

Delete Section 2.1 in Part B of the RFP and replace as follows:

- 2.1 The Landscape architecture firm (the "**Consultant**") must provide design and contract administration services related to restoring and renovating the Fountain. The Consultant should be led by a professional landscape architect registered in good standing with the British Columbia Society of Landscape Architects (BCSLA). The firm should compile a team of professionals that are familiar with the construction and maintenance of large-scale fountains similar in scale to the Lost Lagoon fountain in Stanley Park. Sub-consultants to the Consultant must include a professional fountain designer as well as all necessary engineering expertise including, but not limited to mechanical, electrical and structural services.

4. RE: REQUIREMENTS: PART B, SECTION 2.1

Delete Section 2.4 in Part B of the RFP and replace as follows:

2.4 The Consultant's project team should at a minimum include the following expertise:

- (a) a professional Landscape Architect (Accredited with the BCSLA);
- (b) a professional fountain designer with at least five (5) past municipal and/or commercial projects worth at least \$500,000 in construction costs;
- (c) an electrical engineer (Accredited Professional Engineer by the Association of Professional Engineers and Geoscientists of British Columbia);
- (d) a mechanical engineer (Accredited Professional Engineer by the Association of Professional Engineers and Geoscientists of British Columbia);
- (e) a structural Engineer (Accredited Professional Engineer by the Association of Professional Engineers and Geoscientists of British Columbia);
- (f) a heritage consultant (allow maximum of two days of services for preliminary review of background documents and input on necessary design recommendations to achieve design intent of replicating "past grandeur" of the fountain);
- (g) an aquatic biologist for input on bubblers and water level control aspect of the project; and
- (h) others as deemed necessary by the Consultant.

5. RE: DELETE "FOUNTAIN DESIGNER"

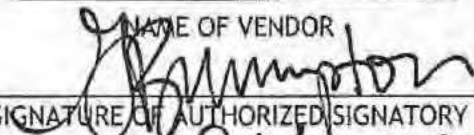
Anywhere in Part B of the RFP where the defined term "Fountain Designer" appears, delete "Fountain Designer" and replace with "Consultant".

All other conditions and specifications remain unchanged.

This amendment must be completed and attached to the Form of Proposal.

If the Proponent has already submitted its Form of Proposal, this amendment shall be submitted to Supply Chain Management Office, City of Vancouver, 453 West 12th Avenue, Vancouver, British Columbia, Canada, V5Y 1V4, (Courier Delivery and Drop off is at the Information Desk, Main Floor Rotunda of the same address), prior to the Closing Time: 3:00 p.m. Vancouver Time, Tuesday, November 15, 2016 in an envelope clearly marked "Amendment No. 1 to Request for Proposals No. PS20161417: Lost Lagoon Fountain Restoration."

PWL Partnership Landscape Architects Inc.

NAME OF VENDOR

 SIGNATURE OF AUTHORIZED SIGNATORY
 DATE October 31, 2016





**CERTIFICATE OF EXISTING INSURANCE
TO BE COMPLETED AND APPENDED TO THE PROPOSAL/TENDER**



Section 2 through 8 – to be completed and executed by the Insurer or its Authorized Representative

1. **THIS CERTIFICATE IS ISSUED TO:** City of Vancouver as represented by its Board of Parks & Recreation
2099 Beach Avenue, Vancouver, B.C. V6G 1Z4
and certifies that the insurance policy (policies) as listed herein has/have been issued to the Named Insured and is/are in full force and effect.

2. **NAMED INSURED** *(must be the same name as the proponent/bidder and is either an individual or a legally incorporated company)*
PWL Partnership Landscape Architects Inc.
BUSINESS TRADE NAME or DOING BUSINESS AS PWL Partnership Landscape Architects Inc.
BUSINESS ADDRESS #500 - 1201 West Pender Street, Vancouver, British Columbia, V6E 2V2
DESCRIPTION OF OPERATION Landscape Architects

3. **PROPERTY INSURANCE (All Risks Coverage including Earthquake and Flood)**

INSURER _____	Insured Values (Replacement Cost) -
TYPE OF COVERAGE _____	Building and Tenants' Improvements \$ _____
POLICY NUMBER _____	Contents and Equipment \$ _____
POLICY PERIOD From _____ to _____	Deductible Per Loss \$ _____

4. **COMMERCIAL GENERAL LIABILITY INSURANCE (Occurrence Form)** XL Specialty Insurance Company

Including the following extensions:	INSURER _____	POLICY NUMBER _____
✓ Personal Injury	POLICY PERIOD _____	From <u>03/01/2016</u> to <u>03/01/2017</u>
✓ Property Damage including Loss of Use	Limits of Liability (Bodily Injury and Property Damage Inclusive) -	
✓ Products and Completed Operations	Per Occurrence \$ <u>5 000 000</u>	
✓ Cross Liability or Severability of Interest	Aggregate \$ <u>n/a</u>	
✓ Employees as Additional Insureds	All Risk Tenants' Legal Liability \$ <u>1,000,000.</u>	
✓ Blanket Contractual Liability	Deductible Per Occurrence \$ <u>2,500.</u>	
✓ Non-Owned Auto Liability		

5. **AUTOMOBILE LIABILITY INSURANCE** for operation of owned and/or leased vehicles

INSURER _____	Limits of Liability -
POLICY NUMBER _____	Combined Single Limit \$ _____
POLICY PERIOD From _____ to _____	<i>If vehicles are insured by ICBC, complete and provide Form APV-47.</i>

6. ☐ **UMBRELLA OR** ☐ **EXCESS LIABILITY INSURANCE** Limits of Liability (Bodily Injury and Property Damage Inclusive) -

INSURER _____	Per Occurrence \$ _____
POLICY NUMBER _____	Aggregate \$ _____
POLICY PERIOD From _____ to _____	Self-Insured Retention \$ _____

7. **PROFESSIONAL LIABILITY INSURANCE** Limits of Liability

INSURER <u>XL Specialty Insurance Company</u>	Per Occurrence/Claim \$ <u>1,000,000.</u>
POLICY NUMBER <u>D P X 9446727</u>	Aggregate \$ <u>1,000,000.</u>
POLICY PERIOD From <u>03/01/2016</u> to <u>03/01/2017</u>	Deductible Per Occurrence/Claim \$ <u>5,000.</u>

If the policy is in a "CLAIMS MADE" form, please specify the applicable Retroactive Date: n/a

8. **OTHER INSURANCE**

TYPE OF INSURANCE _____	Limits of Liability
INSURER _____	Per Occurrence \$ _____
POLICY NUMBER _____	Aggregate \$ _____
POLICY PERIOD From _____ to _____	Deductible Per Loss \$ _____
TYPE OF INSURANCE _____	Limits of Liability
INSURER _____	Per Occurrence \$ _____
POLICY NUMBER _____	Aggregate \$ _____
POLICY PERIOD From _____ to _____	Deductible Per Loss \$ _____

SIGNED BY THE INSURER OR ITS AUTHORIZED REPRESENTATIVE

Michael F. Russell

Dated November 8, 2016

PRINT NAME OF INSURER OR ITS AUTHORIZED REPRESENTATIVE, ADDRESS AND PHONE NUMBER

Michael F. Russell 1500-1166 Alberni Street, Vancouver, British Columbia, V6E 3Z3, 604-629-2668

THIS IS TO CERTIFY THAT insurance has been effected as shown below:

INSURED: **PWL Partnership Landscape Architects Inc.**
and other insureds who may be identified in the policy.

INSURER: XL Specialty Insurance Company

POLICY NO: **DPX9446727**

POLICY EXPIRY: **March 1, 2017; 12:01 A.M. Local Standard Time**

COVERAGE: **PROFESSIONAL LIABILITY INSURANCE**

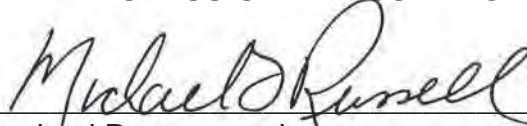
LIMIT OF LIABILITY: CAN \$1,000,000. Each claim and in the
Aggregate annually CAN \$2,000,000.

This certificate is valid at the date of issuance. The policy is subject to change, expiration or cancellation without notice to the certificate-holder.

This certificate is issued for information only, and confers no rights on any holder and imposes no liability upon the insurer, which assumes no responsibility whatsoever in furnishing this certificate.

The Policy contains all the terms and conditions of coverage. The policy is not limited to claims by or in connection with the above-noted certificate-holder. The limit of liability may be inclusive of damages and claims expenses; the aggregate limit is the maximum available for all covered claims.

METRIX PROFESSIONAL INSURANCE BROKERS INC.



Authorized Representative

Dated: March 11, 2016
/jn

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

APPENDIX 6
DECLARATION OF SUPPLIER CODE OF CONDUCT COMPLIANCE

Complete this Appendix 6 - Declaration of Supplier Code of Conduct Compliance in the form set out below.

Purpose:

All proposed suppliers are to complete and submit this form to certify compliance with the supplier performance standards set out in the Supplier Code of Conduct.

The City of Vancouver expects each supplier of goods and services to the City to comply with the supplier performance standards set out in the City's Supplier Code of Conduct (SCC) <http://vancouver.ca/policy_pdf/AF01401P1.pdf>. The SCC defines minimum labour and environmental standards for City suppliers and their subcontractors.

Suppliers are expected to comply with the aforementioned standards upon submitting a tender, proposal, application, expression of interest or quotation to the City, or have a plan in place to comply within a specific period of time. The City reserves the right to determine an appropriate timeframe in which suppliers must come into compliance with these standards. To give effect to these requirements, an authorized signatory of each proposed vendor must complete the following declaration and include this declaration with its submission:

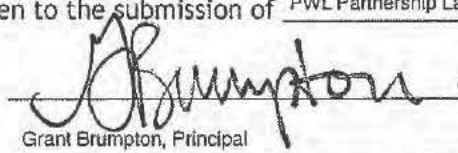
As an authorized signatory of PWL Partnership Landscape Architects Inc (*vendor name*), I declare that I have reviewed the SCC and to the best of my knowledge, PWL Partnership Landscape Architects Inc (*vendor name*) and its proposed subcontractors have not been and are not currently in violation of the SCC or convicted of an offence under national and other applicable laws referred to in the SCC, other than as noted in the table below (*include all violations/convictions that have occurred in the past three years as well as plans for corrective action*).

Section of SCC / title of law	Date of violation /conviction	Description of violation / conviction	Regulatory / adjudication body and document file number	Corrective action plan

I understand that a false declaration and/or lack of a corrective action plan may result in no further consideration being given to the submission of PWL Partnership Landscape Architects Inc (*vendor name*).

Signature:

Name and Title:


Grant Brumpton, Principal

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

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As an authorized signatory of Vincent Helton & Associates Ltd. (vendor name), I declare that I have reviewed the SCC and to the best of my knowledge, Vincent Helton & Associates Ltd. (vendor name) and its proposed subcontractors have not been and are not currently in violation of the SCC or convicted of an offence under national and other applicable laws referred to in the SCC, other than as noted in the table below (include all violations/convictions that have occurred in the past three years as well as plans for corrective action).

Section of SCC / title of law	Date of violation /conviction	Description of violation / conviction	Regulatory / adjudication body and document file number	Corrective action plan

I understand that a false declaration and/or lack of a corrective action plan may result in no further consideration being given to the submission of Vincent Helton & Associates Ltd. (vendor name).

Signature:



Name and Title:

Peter M. Smith, President

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

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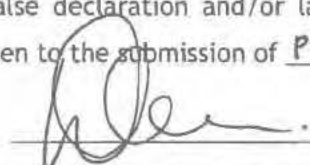
As an authorized signatory of Donald Luxton & Associates Inc. (vendor name), I declare that I have reviewed the SCC and to the best of my knowledge, PWL Partnership Landscape Architects Inc. (vendor name) and its proposed subcontractors have not been and are not currently in violation of the SCC or convicted of an offence under national and other applicable laws referred to in the SCC, other than as noted in the table below (include all violations/convictions that have occurred in the past three years as well as plans for corrective action).

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Signature:

Name and Title:


DONALD LUXTON, Principal

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

APPENDIX 6
DECLARATION OF SUPPLIER CODE OF CONDUCT COMPLIANCE

Complete this Appendix 6 - Declaration of Supplier Code of Conduct Compliance in the form set out below.

Purpose:

All proposed suppliers are to complete and submit this form to certify compliance with the supplier performance standards set out in the Supplier Code of Conduct.

The City of Vancouver expects each supplier of goods and services to the City to comply with the supplier performance standards set out in the City's Supplier Code of Conduct (SCC) <http://vancouver.ca/policy_pdf/AF01401P1.pdf>. The SCC defines minimum labour and environmental standards for City suppliers and their subcontractors.

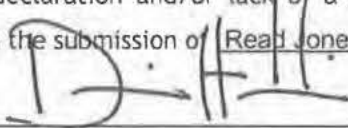
Suppliers are expected to comply with the aforementioned standards upon submitting a tender, proposal, application, expression of interest or quotation to the City, or have a plan in place to comply within a specific period of time. The City reserves the right to determine an appropriate timeframe in which suppliers must come into compliance with these standards. To give effect to these requirements, an authorized signatory of each proposed vendor must complete the following declaration and include this declaration with its submission:

As an authorized signatory of Read Jones Christoffersen Ltd. (vendor name), I declare that I have reviewed the SCC and to the best of my knowledge, Read Jones Christoffersen Ltd. (vendor name) and its proposed subcontractors have not been and are not currently in violation of the SCC or convicted of an offence under national and other applicable laws referred to in the SCC, other than as noted in the table below (include all violations/convictions that have occurred in the past three years as well as plans for corrective action).

Section of SCC / title of law	Date of violation /conviction	Description of violation / conviction	Regulatory / adjudication body and document file number	Corrective action plan

I understand that a false declaration and/or lack of a corrective action plan may result in no further consideration being given to the submission of Read Jones Christoffersen Ltd. (vendor name).

Signature:



Name and Title:

Dennis Hodkinson

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PART C - FORM OF PROPOSAL

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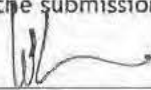
Suppliers are expected to comply with the aforementioned standards upon submitting a tender, proposal, application, expression of interest or quotation to the City, or have a plan in place to comply within a specific period of time. The City reserves the right to determine an appropriate timeframe in which suppliers must come into compliance with these standards. To give effect to these requirements, an authorized signatory of each proposed vendor must complete the following declaration and include this declaration with its submission:

As an authorized signatory of YONEDA G. ASSOCIATES (vendor name), I declare that I have reviewed the SCC and to the best of my knowledge, YONEDA G. ASSOCIATES (vendor name) and its proposed subcontractors have not been and are not currently in violation of the SCC or convicted of an offence under national and other applicable laws referred to in the SCC, other than as noted in the table below (include all violations/convictions that have occurred in the past three years as well as plans for corrective action).

Section of SCC / title of law	Date of violation / conviction	Description of violation / conviction	Regulatory / adjudication body and document file number	Corrective action plan

I understand that a false declaration and/or lack of a corrective action plan may result in no further consideration being given to the submission of YONEDA G. ASSOCIATES (vendor name).

Signature:



Name and Title:

ALEXIS LAM, PRINCIPAL

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APPENDIX 6
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Suppliers are expected to comply with the aforementioned standards upon submitting a tender, proposal, application, expression of interest or quotation to the City, or have a plan in place to comply within a specific period of time. The City reserves the right to determine an appropriate timeframe in which suppliers must come into compliance with these standards. To give effect to these requirements, an authorized signatory of each proposed vendor must complete the following declaration and include this declaration with its submission:

As an authorized signatory of ENVIRONMENTAL CONSULTANTS INC. (Vendor Name), I declare that I have reviewed the SCC and to the best of my knowledge, ENVIRONMENTAL CONSULTANTS INC. (Vendor Name) and its proposed subcontractors have not been and are not currently in violation of the SCC or convicted of an offence under national and other applicable laws referred to in the SCC, other than as noted in the table below (include all violations/convictions that have occurred in the past three years as well as plans for corrective action).

Section of SCC / title of law	Date of violation /conviction	Description of violation / conviction	Regulatory / adjudication body and document file number	Corrective action plan

I understand that a false declaration and/or lack of a corrective action plan may result in no further consideration being given to the submission of ENVIRONMENTAL CONSULTANTS INC. (Vendor Name).

Signature:

Name and Title:

[Signature]
DIRECTOR, MARK ADAMS

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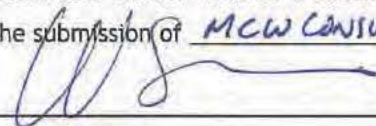
Suppliers are expected to comply with the aforementioned standards upon submitting a tender, proposal, application, expression of interest or quotation to the City, or have a plan in place to comply within a specific period of time. The City reserves the right to determine an appropriate timeframe in which suppliers must come into compliance with these standards. To give effect to these requirements, an authorized signatory of each proposed vendor must complete the following declaration and include this declaration with its submission:

As an authorized signatory of MCW CONSULTANTS LTD. (vendor name), I declare that I have reviewed the SCC and to the best of my knowledge, MCW CONSULTANTS LTD. (vendor name) and its proposed subcontractors have not been and are not currently in violation of the SCC or convicted of an offence under national and other applicable laws referred to in the SCC, other than as noted in the table below (include all violations/convictions that have occurred in the past three years as well as plans for corrective action).

Section of SCC / title of law	Date of violation /conviction	Description of violation / conviction	Regulatory / adjudication body and document file number	Corrective action plan

I understand that a false declaration and/or lack of a corrective action plan may result in no further consideration being given to the submission of MCW CONSULTANTS LTD. (vendor name).

Signature:



Name and Title:

PRINCIPAL

{00153432v16}

September 21, 2016

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Suppliers are expected to comply with the aforementioned standards upon submitting a tender, proposal, application, expression of interest or quotation to the City, or have a plan in place to comply within a specific period of time. The City reserves the right to determine an appropriate timeframe in which suppliers must come into compliance with these standards. To give effect to these requirements, an authorized signatory of each proposed vendor must complete the following declaration and include this declaration with its submission:

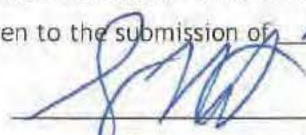
As an authorized signatory of Murray & Assoc. (vendor name), I declare that I have reviewed the SCC and to the best of my knowledge, Murray & Assoc. (vendor name) and its proposed subcontractors have not been and are not currently in violation of the SCC or convicted of an offence under national and other applicable laws referred to in the SCC, other than as noted in the table below (include all violations/convictions that have occurred in the past three years as well as plans for corrective action).

Section of SCC / title of law	Date of violation / conviction	Description of violation / conviction	Regulatory / adjudication body and document file number	Corrective action plan

I understand that a false declaration and/or lack of a corrective action plan may result in no further consideration being given to the submission of Murray & Assoc. (vendor name).

Signature:

Name and Title:


Survey Manager / Director

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APPENDIX 7
CORPORATE SUSTAINABILITY LEADERSHIP QUESTIONNAIRE

Complete this Appendix 7 - Corporate Sustainability Leadership Questionnaire in the form set out below.

As part of the City's Corporate Procurement Policy and related Supplier Code of Conduct, all City vendors must meet minimum requirements related to ethical, social and environmental standards.

Beyond these basic requirements, the City would like to recognize vendors that are demonstrating leadership and innovation in sustainability. In order to be able to do so, the City requires that Proponents answer the following questions. The answers provided will be evaluated as part of the Proposal evaluation process for this RFP.

Please keep in mind that these questions relate to your company's internal operations and overall sustainability leadership.

For all questions where the answer is 'Yes' and additional information is requested, if this information is not included in the Proposal, the answer may not be evaluated.

For all questions where there is a word limit, responses are to be kept within this word limit. Information in excess of the word limit may not be evaluated.

Questionnaire structure:

Section 1: Environmental Impact	Reducing greenhouse gas (GHG) emissions Reducing waste Sustainable purchasing
Section 2: Social Impact	Workplace development programs Supporting social enterprises Additional social sustainability initiatives
Section 3: Definitions	Definitions for key terms used in this Annex.

SECTION 1: ENVIRONMENTAL IMPACT

This section of the leadership questionnaire addresses the following:

- *reducing greenhouse gas (GHG) emissions*
- *reducing waste*
- *sustainable purchasing*

1. Does your company own buildings in Metro Vancouver?

☐ Yes ☒ No

If no, skip to question 2.

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If yes, describe efforts in the past three (3) years to improve the energy efficiency of owned buildings owned and/or rented space in Metro Vancouver with respect to the elements listed below. Please limit answer to 400 words or less.

- a. Equipment and lighting upgrades (e.g., HVAC, water heaters, LED lighting)
- b. Building envelope improvements (e.g., insulation, windows)
- c. Staff conservation and engagement programs (e.g., turning off lights and computers, etc.)

2. Does your company own or lease fleet vehicles and/or heavy off-road equipment to be operated in Metro Vancouver?

☐ Yes ☒ No

If no, skip to question 3.

If yes, describe actions in the past three (3) years to reduce the GHG emissions of vehicles and heavy equipment operated in Metro Vancouver. (Actions could include: purchase of low emissions vehicles, use of alternative fuels, deployment of telematics software, driver training programs, etc.). Please limit answer to 250 words or less.

3. Describe any other initiatives undertaken past three (3) years that have significantly reduced the GHG emissions of your operations. Please limit answer to 250 words or less.

Our staff regularly commutes by bike, transit or on foot, producing close to zero emissions. We use car co-op for site visits. Service includes hybrid cars. We also use bike share and transit to attend meetings.

4. Does your company have an office or operations recycling program in place?

☒ Yes ☐ No

If yes, which materials does your company recycle -- check only those that apply:

- ☒ office paper
- ☒ plastic and glass containers
- ☒ soft plastic
- ☒ food waste/compostables
- ☒ batteries
- ☒ printer or toner cartridges
- ☒ Styrofoam
- ☐ IT equipment / electronics / mobile devices
- ☐ clean wood (e.g., pallets)
- ☒ metals

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5. Describe any other initiatives undertaken in the past three (3) years that have significantly reduced waste from your operations. Please limit answer to 250 words or less.

We have developed a paperless drawing review process using software to track drawing comments and revisions. We use tablets for field reviews, which has cut down on paper waste.

6. Indicate which environmentally preferable and/or sustainable goods or services your company currently purchases - check only those that apply:

- ☒ Sustainable food items (e.g., Fairtrade coffee; organic produce; OceanWise seafood)
 - ☒ Copy paper (e.g., 100 per cent post-consumer waste; Forest Stewardship Council certified; tree free)
 - ☒ Janitorial supplies (e.g., ECOLOGO or Green Seal certified)
 - ☒ IT equipment (e.g., EPEAT Gold, EnergyStar qualified)
 - ☒ Office products (e.g., ECOLOGO; recycled; non-toxic)
 - ☐ Printing services (e.g., Forest Stewardship Council certified paper and printer)
 - ☐ Promotional / marketing items (e.g., fair labour practices; reusable; recyclable)
 - ☒ Courier services (e.g., use energy efficient, low carbon or alternative fuel vehicles)
 - ☒ Catering services (e.g., serve sustainable food; employ social enterprises; use reusable serving ware)
 - ☐ Landscaping services (e.g., use energy efficient equipment; employ social enterprises)
 - ☐ Other: (list)
-
-
-

SECTION 2: SOCIAL IMPACT

This section of the leadership questionnaire addresses the following elements:

- Workplace development programs*
- Supporting social enterprises*
- Other social sustainability initiatives*

1. Does your company employ and/or provide training opportunities for *person(s) with barriers to employment* (e.g., people with addictions, disabilities, mental health issues; people who are newcomers or refugees, etc.) that go beyond the hiring practices required by law? See definition of *person with barriers to employment* in Section 3 below.

☐ Yes ☒ No

If yes, describe the program including the name of non-profit or educational institution or government agency that you work with to identify potential trainees or employees; and the number of employees/trainees that work in your company.

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2. Does your company conduct business with, or support in other ways, one or more *social enterprises* (as defined in Section 3 below)?

☐ Yes ☒ No

If yes, name the social enterprise(s) and describe the nature of the business conducted and/or support provided.

3. Is your company structure either of the following:

- a. Social enterprise (as defined in Section 3 below).

☐ Yes ☒ No

If yes, state the name of the non-profit or co-operative (including society and/or charitable number):

- b. Community Contribution Company (C3 or CCC, as defined in Section 3 below)

☐ Yes ☒ No

4. Describe any additional social sustainability initiatives that demonstrate your company's commitment to the health and well-being of local communities. Please limit answers to 250 words or less.

All of our park and public realm projects are inherently good for community building. We also advocate for strong public engagement processes which support the building of community.

SECTION 3: DEFINITIONS

Social Enterprise:

"Social enterprises are businesses owned by non-profit organizations, that are directly involved in the production and/or selling of goods and services for the [combined] purpose of generating income and achieving social, cultural, and/or environmental aims (Social Enterprise Council of Canada)." See www.socialenterprisecanada.ca.

In addition to having the aforesaid combined purpose, to qualify as a "Social Enterprise" for purposes hereof, an entity must:

- be a business operated by a registered non-profit or community services co-operative;

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- have a product or service that it sells to customers;
- have a defined social and/or environmental mandate.

Person with Barriers to Employment:

A “person with barriers to employment” is someone who faces one or more circumstances that can lead to underemployment or unemployment. There are a wide range of circumstances that can create barriers to employment including but not limited to: addictions, disabilities, mental health issues, and being a newcomer or refugee. For the purposes hereof, to qualify as a person with barriers to employment, the employee or trainee must be participating in a recognized, pre-approved employment program for person(s) with barriers to employment run by a non-profit organization or educational institution or government agency.

Community Contribution Company (C3):

“Community Contribution Company” means a corporation formed under the laws of British Columbia that includes in its articles the following statement:

This company is a community contribution company, and, as such, has purposes beneficial to society. This company is restricted, in accordance with Part 2.2 of the *Business Corporations Act*, in its ability to pay dividends and to distribute its assets on dissolution or otherwise.

Or, a company incorporated under another jurisdiction that includes in its articles substantively similar restrictions related to dividends and distribution of assets.

Refer to www.fin.gov.bc.ca/prs/ccc for more information.

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APPENDIX 9
PERSONAL INFORMATION CONSENT FORM(S)

Complete one copy of this Appendix 9 - Personal Information Consent Form(s), in the form set out below, for each key personnel for whom curriculum vitae (CV) or other information regarding employment history and qualifications has been included in the Proposal.

PERSONAL INFORMATION CONSENT FORM

RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, Grant Brumpton

(Print Name)

consent to the indirect collection from _____
PWL Partnership Landscape Architects Inc. (Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

In consenting to this indirect collection, I understand that my personal information, so collected, will be used by the City for the sole purpose of evaluating the submitted response to the above-noted procurement process. I understand further that my personal information, once collected by the City, will be handled by the City in accordance with the provisions of the (BC) *Freedom of Information and Protection of Privacy Act*.



Signature



Date

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RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, Peter Smith

_____ (Print Name)

consent to the indirect collection from _____

PWL PARTNERSHIP (Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

In consenting to this indirect collection, I understand that my personal information, so collected, will be used by the City for the sole purpose of evaluating the submitted response to the above-noted procurement process. I understand further that my personal information, once collected by the City, will be handled by the City in accordance with the provisions of the (BC) *Freedom of Information and Protection of Privacy Act*.

Peter Smith
Signature

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11/14/2016
Date

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RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, Donald Luxton

(Print Name)

consent to the indirect collection from PWL Partnership Landscape Architects Inc.

(Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

In consenting to this indirect collection, I understand that my personal information, so collected, will be used by the City for the sole purpose of evaluating the submitted response to the above-noted procurement process. I understand further that my personal information, once collected by the City, will be handled by the City in accordance with the provisions of the (BC) *Freedom of Information and Protection of Privacy Act*.


Signature

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Oct. 31 / 2016
Date

REQUEST FOR PROPOSALS NO. PS20161417
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RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, Peter Liaw

(Print Name)

consent to the indirect collection from PWL Partnership Landscape Architects Inc.

(Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

In consenting to this indirect collection, I understand that my personal information, so collected, will be used by the City for the sole purpose of evaluating the submitted response to the above-noted procurement process. I understand further that my personal information, once collected by the City, will be handled by the City in accordance with the provisions of the (BC) *Freedom of Information and Protection of Privacy Act*.



Signature

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NOV 14, 2016

Date

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PERSONAL INFORMATION CONSENT FORM

RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, Erin Ramsay

(Print Name)

consent to the indirect collection from PWL Partnership Landscape Architects Inc.

(Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

In consenting to this indirect collection, I understand that my personal information, so collected, will be used by the City for the sole purpose of evaluating the submitted response to the above-noted procurement process. I understand further that my personal information, once collected by the City, will be handled by the City in accordance with the provisions of the (BC) *Freedom of Information and Protection of Privacy Act*.

Erin Ramsay

Signature

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}
}

14/11/2016

Date

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RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, Megan Faulkner

(Print Name)

consent to the indirect collection from PWL Partnership Landscape Architects Inc.

(Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

In consenting to this indirect collection, I understand that my personal information, so collected, will be used by the City for the sole purpose of evaluating the submitted response to the above-noted procurement process. I understand further that my personal information, once collected by the City, will be handled by the City in accordance with the provisions of the (BC) *Freedom of Information and Protection of Privacy Act*.


Signature

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Nov. 1, 2016
Date

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RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, R.J. McCulloch

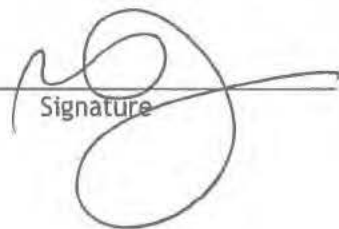
(Print Name)

consent to the indirect collection from PWL Partnership Landscape Architects Inc.

(Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

In consenting to this indirect collection, I understand that my personal information, so collected, will be used by the City for the sole purpose of evaluating the submitted response to the above-noted procurement process. I understand further that my personal information, once collected by the City, will be handled by the City in accordance with the provisions of the (BC) *Freedom of Information and Protection of Privacy Act*.


Signature

November 1, 2016
Date

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PERSONAL INFORMATION CONSENT FORM

RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, ELIJAH SABADLAN


(Print Name)

consent to the indirect collection from PWL Partnership Landscape Architects Inc.

(Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

In consenting to this indirect collection, I understand that my personal information, so collected, will be used by the City for the sole purpose of evaluating the submitted response to the above-noted procurement process. I understand further that my personal information, once collected by the City, will be handled by the City in accordance with the provisions of the (BC) *Freedom of Information and Protection of Privacy Act*.



Signature

} NOV 1st 2016

Date

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PERSONAL INFORMATION CONSENT FORM

RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, Sylvie Mercier

(Print Name)

consent to the indirect collection from PWL Partnership Landscape Architects Inc.

(Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

In consenting to this indirect collection, I understand that my personal information, so collected, will be used by the City for the sole purpose of evaluating the submitted response to the above-noted procurement process. I understand further that my personal information, once collected by the City, will be handled by the City in accordance with the provisions of the (BC) *Freedom of Information and Protection of Privacy Act*.



Signature

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November 09, 2016

Date

REQUEST FOR PROPOSALS NO. PS20161417
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APPENDIX 9
PERSONAL INFORMATION CONSENT FORM(S)

Complete one copy of this Appendix 9 - Personal Information Consent Form(s), in the form set out below, for each key personnel for whom curriculum vitae (CV) or other information regarding employment history and qualifications has been included in the Proposal.

PERSONAL INFORMATION CONSENT FORM

RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, Leslie Peer

(Print Name)

consent to the indirect collection from PWL Partnership Landscape Architects Inc.

(Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

In consenting to this indirect collection, I understand that my personal information, so collected, will be used by the City for the sole purpose of evaluating the submitted response to the above-noted procurement process. I understand further that my personal information, once collected by the City, will be handled by the City in accordance with the provisions of the (BC) *Freedom of Information and Protection of Privacy Act*.



Signature

)
)
)

November 14, 2016

Date

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

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PERSONAL INFORMATION CONSENT FORM

RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, Dennis Hodkinson

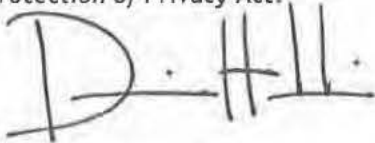
(Print Name)

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(Print Name of Proponent)

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Signature

November 2, 2016

Date

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

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PERSONAL INFORMATION CONSENT FORM

RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, ALEXIS LAM

(Print Name)

consent to the indirect collection from YONIDA G. ASSOCIATES

(Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

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Signature

} 10 NOV, 2016

Date

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

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PERSONAL INFORMATION CONSENT FORM

RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I,

MARK ADAMS

(Print Name)

consent to the indirect collection from

ENVIRONMENTAL CONSULTANTS INC.

(Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

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[Signature]
Signature

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NOVEMBER 07, 2016
Date

REQUEST FOR PROPOSALS NO. PS20161417
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PART C - FORM OF PROPOSAL

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Title: Lost Lagoon Fountain Restoration

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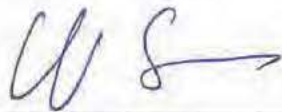
WOLF SCHENKE (Print Name)

consent to the indirect collection from _____

MCW CONSULTANT LTD. (Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

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Signature

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)

Nov 15/2016

Date

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

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PERSONAL INFORMATION CONSENT FORM

RFP

Reference #PS20161417

Title: Lost Lagoon Fountain Restoration

With the provision of my signature at the foot of this statement I, Zuzana Fulhova
(Print Name)

consent to the indirect collection from PWL Partnership Landscape
Architects Inc. (Print Name of Proponent)

of my personal information in the form of a work history, resume or summary of qualifications.

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Signature

November 9, 2016
Date

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

APPENDIX 11
PROPOSED AMENDMENTS TO FORM OF AGREEMENT

Complete this Appendix 11 - Proposed Amendments to Form of Agreement in the form set out below by detailing any proposed amendments to the Form of Agreement. If no amendments to the Form of Agreement are proposed, state "none". It is at the City's sole discretion whether or not these proposed amendments will be considered for the Form of Agreement.

Section / General Condition	Proposed Amendment	Rationale and Benefit
NONE	NONE	NONE

**Assessment Department Location****Mailing Address**

PO Box 5350
Station Terminal
Vancouver BC V6B 5L5

6951 Westminster Highway
Richmond BC
V7C 1C6
www.worksafebc.com

Clearance Section

Telephone 604 244 6380
Toll Free within Canada
1 888 922 2768
Fax 604 244 6390

PWL Partnership Landscape Architects Inc
500 - 1201 West Pender Street
VANCOUVER, BC V6E 2V2

October 08, 2016

**Person/Business : PWL PARTNERSHIP LANDSCAPE ARCHITECTS INC.
434256 AA(006)**

This letter provides clearance information for the purposes of Section 51 of the *Workers Compensation Act*.

We confirm that the above-referenced firm is active, in good standing, and has met WorkSafeBC's criteria for advance clearance. Accordingly, if the addressee on this letter is the prime contractor, the addressee will not be held liable for the amount of any assessment payable for work undertaken by the above-referenced firm to **January 01, 2017**.

This firm has had continuous coverage with us since August 22, 1990.

Employer Service Centre
Assessment Department

Clearance Reference # : C129176958
CLRAAA

For more information about Section 51 and clearance letters visit WorkSafeBC.com

Please refer to your account number in your correspondence or when contacting the Assessment Department.

To alter this document constitutes fraud.

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

APPENDIX 14
CONFLICTS; COLLUSION; LOBBYING

Complete this Appendix 14 - Conflicts; Collusion; Lobbying in the form set out below by setting out any exceptions to the declarations in Section 9 of the Legal Terms and Conditions attached as Appendix 1 to this Form of Proposal or indicate that there are no exceptions, as applicable.

Exceptions to Declaration as to no Conflict of Interest in RFP Process (Section 9.1 of Legal Terms and Conditions)	NONE
Exceptions to Declaration as to No Conflict of Interest Respecting Proposed Supply (Section 9.2 of Legal Terms and Conditions)	NONE
Exceptions to Declaration as to No Collusion (Section 9.3 of Legal Terms and Conditions)	NONE

LOST LAGOON FOUNTAIN RESTORATION

RFP # PS20161417
CITY OF VANCOUVER
NOVEMBER 15, 2016



LOST LAGOON

FOUNTAIN RESTORATION

RFP # PS20161417
CITY OF VANCOUVER
NOVEMBER 15, 2016

SUBMITTED BY

PWL Partnership Landscape Architects Inc.

IN PARTNERSHIP WITH

Vincent Helton & Associates Ltd.

Donald Luxton & Associates Inc.

RJC Engineers

Yoneda & Associates

Envirowest Consultants Inc.

MCW Consultants Ltd.

CONTACT

Grant Brumpton, Principal

5th Floor, East Asiatic House

1201 West Pender Street

Vancouver, BC V6E 2V2

T: 604.688.6111

D: 604.725.9295

E: gbrumpton@pwlpartnership.com

www.pwlpartnership.com

City of Vancouver
Attn: Gamaliel Martinez
Vancouver City Hall
453 West 12th Ave
Vancouver, BC V5Y 1V4

November 15, 2016

Re: RFP No. PS20161417 Lost Lagoon Fountain Restoration

Mr. Gamaliel Martinez

I speak for our entire team when I say that we are all genuinely excited by the opportunity this project presents to restore and enhance one of the most recognizable landmarks in Vancouver. We appreciate the significant value the citizens of Vancouver place on the Lost Lagoon Fountain and look forward to meeting these high expectations.

We have assembled a team of Vancouver based engineering specialists who are recognized leaders in their respective disciplines. Our team has an impressive track record of working not only together, but also collaboratively with the Park Board on past projects. We look forward to the opportunity to build on our past successes by assisting the Park Board in delivering these important upgrades.

Please don't hesitate to get in touch if you have any questions.

Sincerely,
PWL Partnership Landscape Architects Inc



Grant Brumpton BCSLA AALA CSLA
Principal



Lost Lagoon Stanley Park, Vancouver, BC | PWL Partnership

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APPENDIX A: FORMS

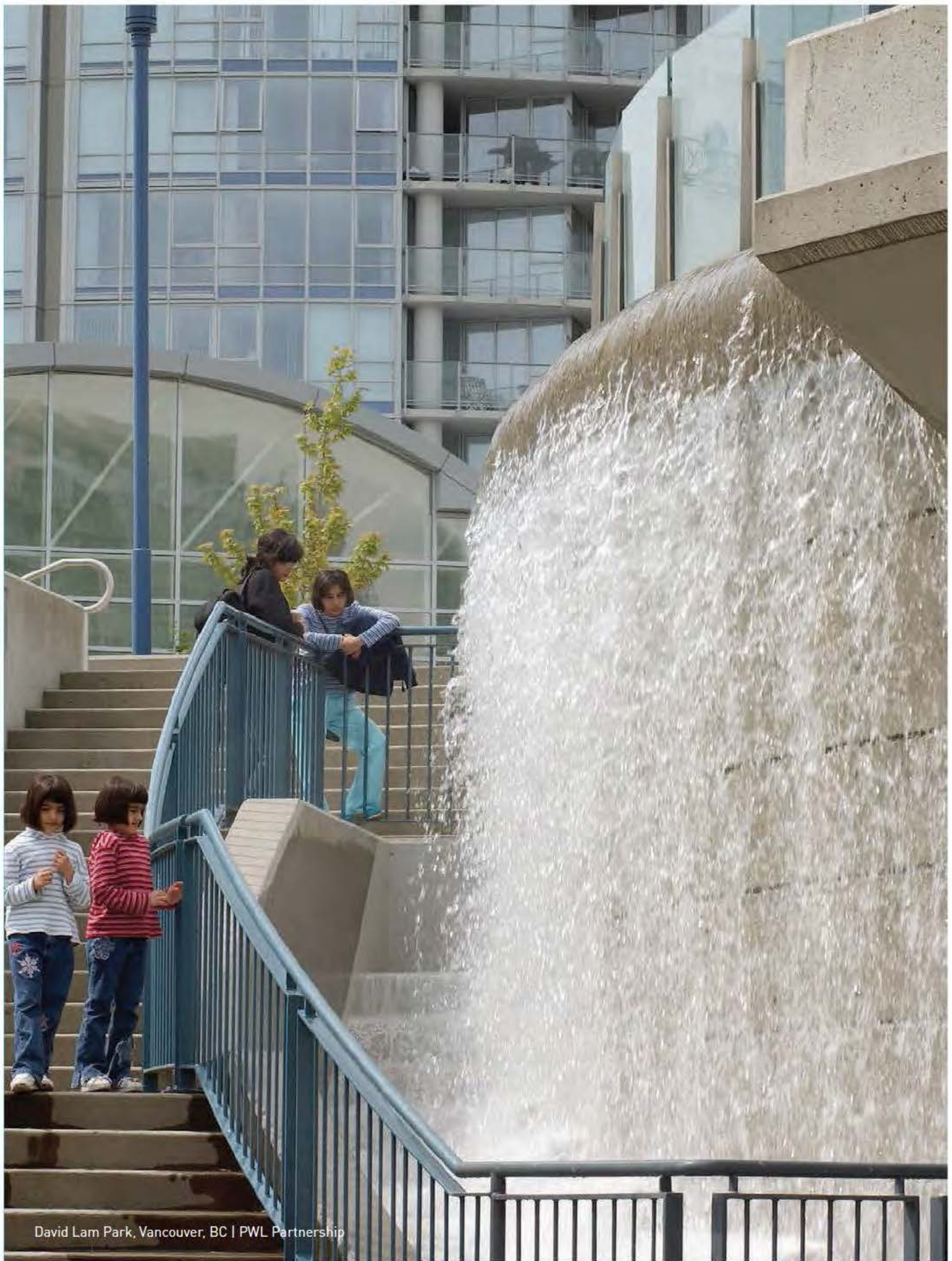
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David Lam Park, Vancouver, BC | PWL Partnership

COMPANY PROFILE

PWL PARTNERSHIP

MAKING PLACES. ENGAGING PEOPLE. INSPIRED BY NATURE.

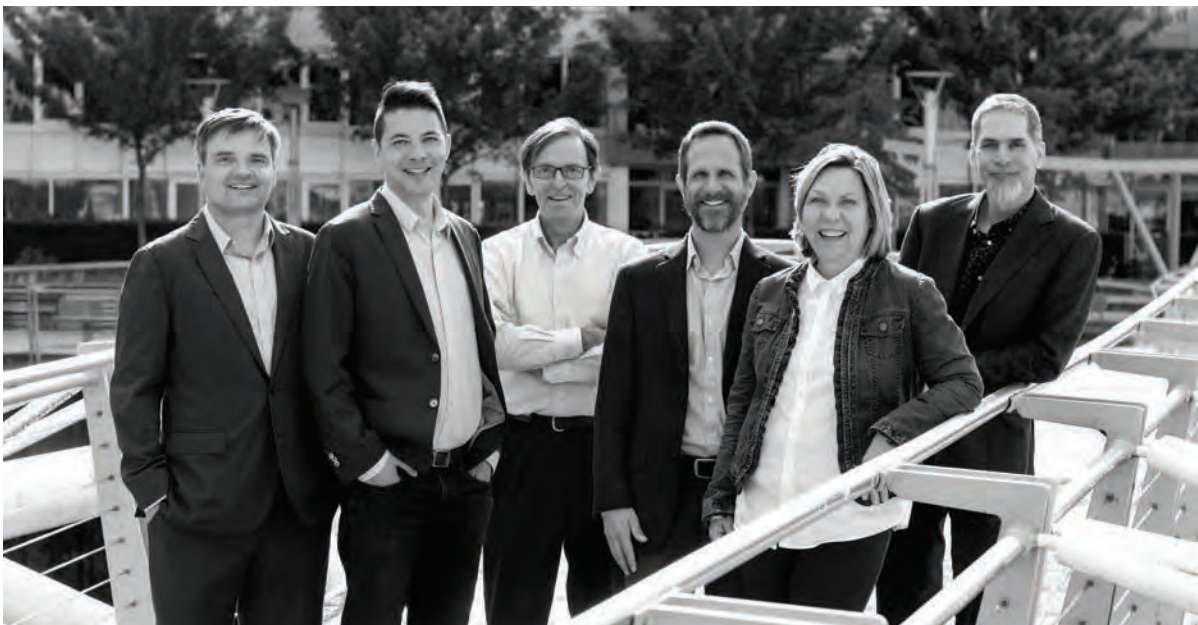
Every project is an opportunity to do something truly inspiring. For 40 years, PWL Partnership's team of landscape architects, urban designers, and planners have built a reputation for excellence across Canada, the USA, and Asia.

We work hard to establish meaningful and lasting relationships with our client groups, project teams, and local stakeholders. PWL Partnership's collaborative process allows us to provide design and construction administration services on a range of projects including civic and cultural institutions, urban outdoor spaces, parks and waterfronts. By emphasizing the ecological, historical, and cultural aspects of each site, PWL Partnership is able to design spaces that are innovative, imaginative, and capture the essence of place.

PWL Partnership is based in Vancouver, one of the most liveable cities in North America. We take great pride in our key contributions to the variety of urban and natural places that residents and visitors today enjoy. From waterfront parks, to urban neighbourhoods, wildlife habitat, rooftop gardens, bike-friendly streets, and a kaleidoscope of human-scaled in-between places, Vancouver's evolution is also PWL Partnership's legacy.

Over the last decade, PWL Partnership has built a name for itself in sustainable planning and design. These efforts have been realized in some of North America's most celebrated sustainable development projects, including Dockside Green in Victoria, the Vancouver Convention Centre, and the Olympic Village in Vancouver's Southeast False Creek.

Recognized for our innovation, technical abilities and expertise, PWL Partnership takes pride in creating immersive, elegant and meaningful places for all.



PWL Partnership Landscape Architects Inc.

PROJECT UNDERSTANDING



Stanley Park Lost Lagoon Historic Photos

STANLEY PARK & THE LOST LAGOON FOUNTAIN

At a high level, we understand the requirements of the project to be to restore and enhance the existing Lost Lagoon 'Jubilee' Fountain to its previous grandeur. This understanding is based on our review of the materials provided as part of the RFP as well as our site meeting coordinated by the City.

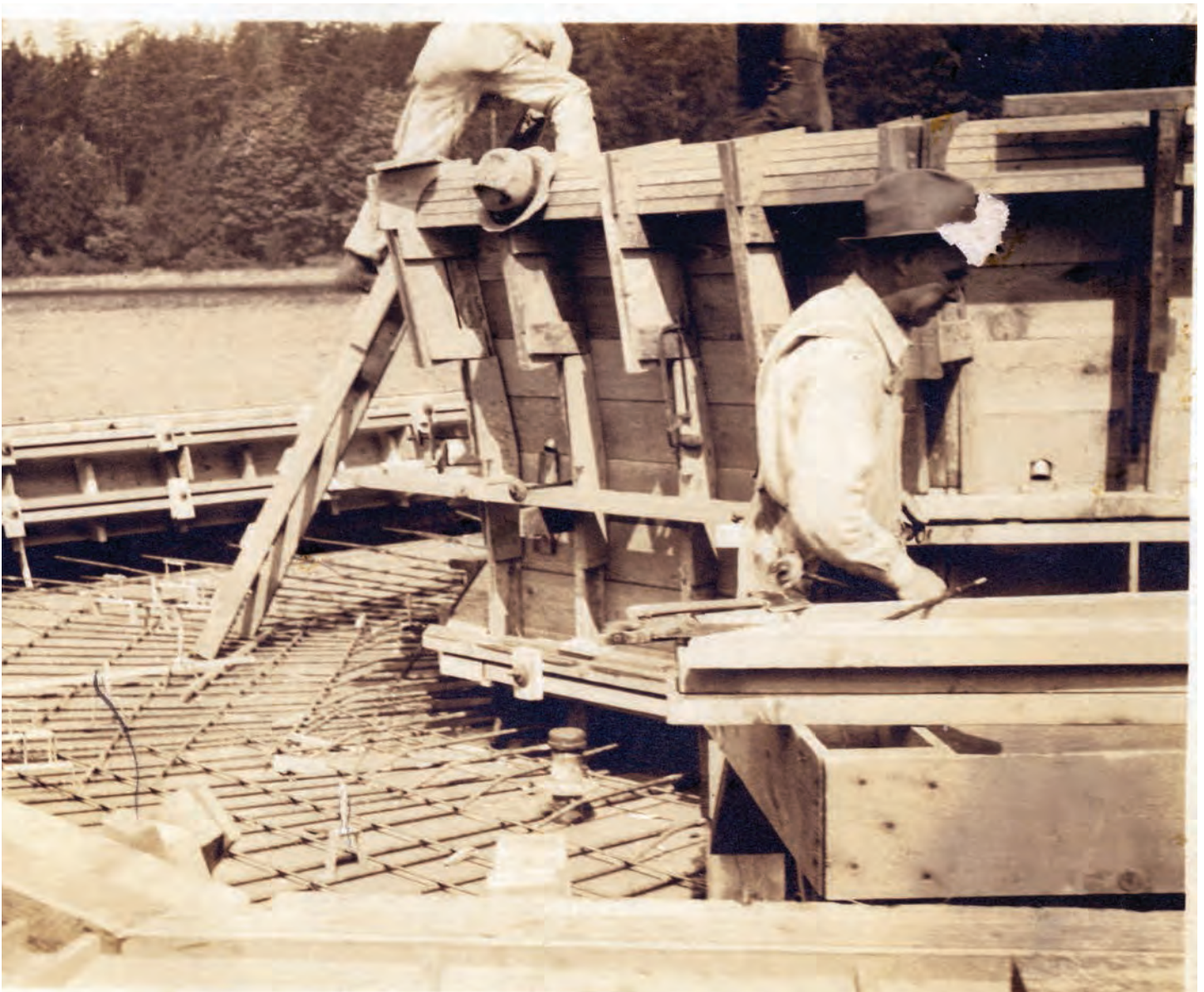
We note that based on our understanding of the City's requirements, we anticipate the budget for the project may be in the range of \$600,000 to \$1,000,000. Our opinion of probable cost is also based on our team's experience on similar sized projects at other Vancouver Park Board sites such as George Wainborn Park. Our proposed scope and fee is based on this estimated cost.

In order to achieve the City's requirements, a consulting team with highly specialized skills and experience has been assembled. This team will be led by PWL Partnership who will provide the design and contract administration services related to restoring and renovating the Fountain. Our team includes mechanical, electrical and structural engineers.

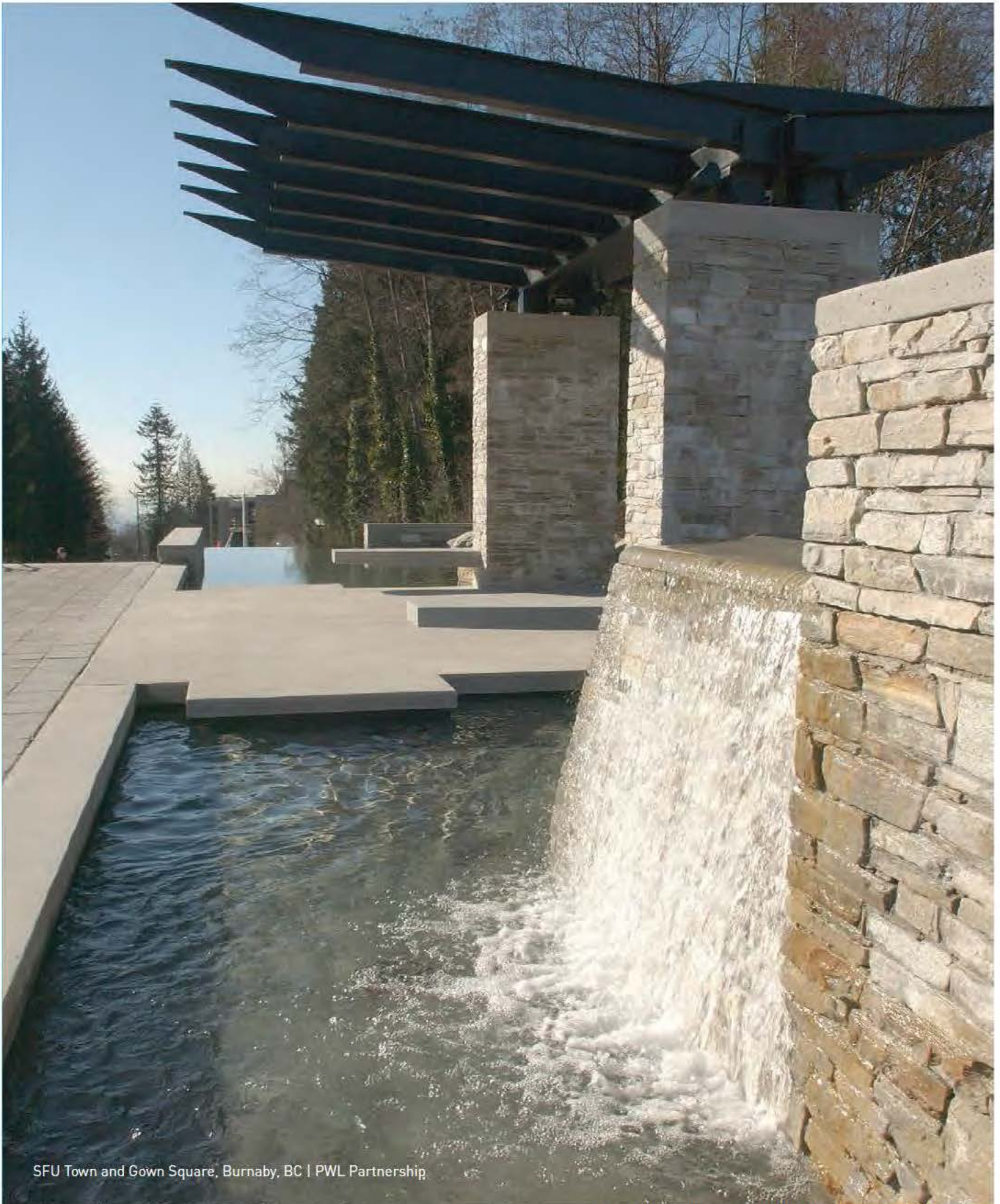
1. Specific services will be provided in order to support the following outcomes:
2. Replacement of the waterproof membrane on the Fountain basin. Work will be based on the AE Technical Memorandum.
3. Restoration work to the concrete basin prior to the installation of the waterproof membrane.
4. Replace damaged mechanical, electrical and control systems. Consideration will be given to relocating these utilities to a location that is safer and that will require less time for Vancouver Park Board staff to access for ongoing maintenance.
5. Installation of an automated water level controller for Lost Lagoon. This will reduce time intensive maintenance when there are large scale rain events.
6. The team is to address concerns with eutrophication and reduce algal blooms. This may, or may not, be addressed by the addition of bubblers. We have allowed for a feasibility study and conceptual design but expect that bubblers alone will not be a successful solution. We intend to propose an alternate innovative solution that will be more successful. We have not allowed for detailed drawings and tendering for this requirement because the scope is not fully defined and will require additional input from the Park Board. We would be happy to review this requirement in more detail as part of an interview process.
7. The Fountain is to be restored to its previous grandeur based on historical images and background information.

In achieving these outcomes, the consultant team will attend up to five meetings with Park Board staff. We will prepare a conceptual design, followed by progress submissions at 50%, 75% and 95% in advance of tendering the project. Fully tender ready, signed and sealed drawings will be provided to bidding contractors. We understand the tender process will be led by the City, but the consulting team will support the tender process by answer questions and providing clarifications if required.

We understand that it is the Park Board's requirement to have all tender drawings complete by January 20th, 2017. Construction is scheduled to begin around March 2017 with all work completed by late spring 2017. We note that this schedule is achievable, but will require the City to return feedback and comments to the design team very quickly, possibly even within a couple of days of receiving review materials.



LEGAL TERMS & CONDITIONS OF RFP



SFU Town and Gown Square, Burnaby, BC | PWL Partnership

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

APPENDIX 1
LEGAL TERMS AND CONDITIONS OF RFP

1 APPLICATION OF THESE LEGAL TERMS AND CONDITIONS

These legal terms and conditions set out the City's and the Proponent's legal rights and obligations only with respect to the RFP proposal process and any evaluation, selection, negotiation or other related process. In no event will the legal terms and conditions of this Appendix 1 apply to, or have the effect of supplementing, any Contract formed between the City and the Proponent, or otherwise apply as between the Proponent and the City following the signing of any such Contract.

2 DEFINITIONS

In this Appendix 1, the following terms have the following meanings:

- (a) "City" means the City of Vancouver, a municipal corporation continued pursuant to the Vancouver Charter.
- (b) "Contract" means a legal agreement, if any, entered into between the City and the Proponent following and as a result of the Proponent's selection by the City in the City's RFP process.
- (c) "Losses" means, in respect of any matter, all direct or indirect, as well as consequential: claims, demands, proceedings, losses, damages, liabilities, deficiencies, costs and expenses (including without limitation all legal and other professional fees and disbursements, interest, penalties and amounts paid in settlement whether from a third person or otherwise).
- (d) "Proponent" means the legal entity which has signed the Proposal Form, and "proponent" means any proponent responding to the RFP, excluding or including the Proponent, as the context requires.
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3 NO LEGAL OBLIGATION ASSUMED BY THE CITY

Despite any other term of the RFP or the Proposal Form, including this Appendix 1 (except only Sections 7, 8.2 and 10 of this Appendix 1, in each case to the extent applicable), the City assumes no legal duty or obligation to the Proponent or to any proposed subcontractor in respect of the RFP, its subject matter or the Proposal unless and until the City enters into a Contract, which the City may decline to do in the City's sole discretion.

4 NO DUTY OF CARE OR FAIRNESS TO THE PROPONENT

The City is a public body required by law to act in the public interest. In no event, however, does the City owe *to the Proponent or to any of the Proponent's proposed subcontractors* (as opposed to the public) any contract or tort law duty of care, fairness, impartiality or procedural fairness in the RFP process, or any contract or tort law duty to preserve the integrity of the RFP process. The Proponent

REQUEST FOR PROPOSALS NO. PS20161417
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PART C - FORM OF PROPOSAL

APPENDIX 1
LEGAL TERMS AND CONDITIONS OF RFP

1 APPLICATION OF THESE LEGAL TERMS AND CONDITIONS

These legal terms and conditions set out the City's and the Proponent's legal rights and obligations only with respect to the RFP proposal process and any evaluation, selection, negotiation or other related process. In no event will the legal terms and conditions of this Appendix 1 apply to, or have the effect of supplementing, any Contract formed between the City and the Proponent, or otherwise apply as between the Proponent and the City following the signing of any such Contract.

2 DEFINITIONS

In this Appendix 1, the following terms have the following meanings:

- (a) "City" means the City of Vancouver, a municipal corporation continued pursuant to the Vancouver Charter.
- (b) "Contract" means a legal agreement, if any, entered into between the City and the Proponent following and as a result of the Proponent's selection by the City in the City's RFP process.
- (c) "Losses" means, in respect of any matter, all direct or indirect, as well as consequential: claims, demands, proceedings, losses, damages, liabilities, deficiencies, costs and expenses (including without limitation all legal and other professional fees and disbursements, interest, penalties and amounts paid in settlement whether from a third person or otherwise).
- (d) "Proponent" means the legal entity which has signed the Proposal Form, and "proponent" means any proponent responding to the RFP, excluding or including the Proponent, as the context requires.
- (e) "Proposal" means the package of documents consisting of the Proposal Form (including this Appendix 1), the Proponent's proposal submitted under cover of the Proposal Form, and all schedules, appendices and accompanying documents, and "proposal" means any proposal submitted by any proponent, excluding or including the Proponent, as the context requires.
- (f) "Proposal Form" means that certain Part C of the RFP, completed and executed by the Proponent, to which this Appendix 1 is appended.
- (g) "RFP" means the document issued by the City as Request for Proposals No. PS20161417, as amended from time to time and including all addenda.

3 NO LEGAL OBLIGATION ASSUMED BY THE CITY

Despite any other term of the RFP or the Proposal Form, including this Appendix 1 (except only Sections 7, 8.2 and 10 of this Appendix 1, in each case to the extent applicable), the City assumes no legal duty or obligation to the Proponent or to any proposed subcontractor in respect of the RFP, its subject matter or the Proposal unless and until the City enters into a Contract, which the City may decline to do in the City's sole discretion.

4 NO DUTY OF CARE OR FAIRNESS TO THE PROPONENT

The City is a public body required by law to act in the public interest. In no event, however, does the City owe *to the Proponent or to any of the Proponent's proposed subcontractors* (as opposed to the public) any contract or tort law duty of care, fairness, impartiality or procedural fairness in the RFP process, or any contract or tort law duty to preserve the integrity of the RFP process. The Proponent

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

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QUESTIONNAIRE

EXECUTIVE SUMMARY

PWL Partnership has assembled a team that includes Vincent Helton & Associates Inc., Donald Luxton & Associates Inc., RJC Engineering, Yoneda & Associates Inc., Envirowest Consultants Inc., and MCW Consultants Ltd., all firms with whom we have worked with successfully on past park projects. Our proposal outlines our team's unique expertise and relevant project successes. We have prepared a work plan and schedule that fully reflects the objectives and requirements of the RFP to deliver high value for the citizens of the City of Vancouver.

PROPONENT OVERVIEW

PWL is a full service landscape architecture consulting firm that has a forty-year history of delivering successful park improvement projects throughout the lower mainland. Our head office is located in downtown Vancouver and we have a City of Vancouver business license. Our firm was founded on the belief that collaboration is the key to the success of every project and we strive to engage all participants in the design process. This inclusive process has led to the construction of some of North America's most celebrated and iconic landscapes, including numerous projects that include heritage features, significantly sized decorative water features, and that have won awards for design excellence, and environmental and social sustainability. PWL will be the prime consultant for this project coordinating the work of the other consultants. Grant Brumpton will be the principal-in-charge for the duration of the project attending meetings and presentations from the start to the finish.

Our team includes Peter Smith from Vincent Helton & Associates Inc.(VHA). Peter is a leading decorative water feature designer and mechanical system specialist in Canada. He is based locally in the lower mainland. Under Peter's leadership, his team has completed the design and coordination of a number the of the highest profile decorative water features in the lower mainland. Examples of projects VHA have completed for the Park Board include George Wainborn Park, Harbour Green and David Lam Park. Each of these projects was completed in partnership with PWL Partnership. As a team, PWL and VHA typically partner on 10 to 15 develop lead projects a year.

In addition, we have included Wolf Schenke from MCW Consultants Ltd. Wolf is a registered electrical engineer

who has been involved in large scale projects such as the Vancouver Convention Centre Expansion and has also provided consulting services for the Vancouver Park Board Design Standard Document. Wolf will be able to provide decorative lighting design and will sign and seal the electrical engineering drawings.

Yoneda & Associates, led by Alexis Lam, will provide mechanical engineering services. Alexis has worked closely with PWL and VHA on many past projects. Yoneda & Associates will provide signed and sealed drawings for all of the fountain mechanical work.

RJC Engineers will provide structural engineering and building envelope consulting. RJC and PWL work together regularly on large scale building envelope restoration projects. Examples include restoration of the building membranes at the Vancouver Convention Centre and large areas of Metropolis at Metrotown. RJC will provide consulting services related to the design detailing for the restoration of the existing concrete and waterproofing of the of the fountain.

Donald Luxton & Associates Inc. have been brought on board to provide heritage design consulting. Don's team are also well regarded in the lower mainland having completed many high profile projects.

We have include Murray & Associates to provide topographical survey of the key areas around Lost Lagoon. Accurate survey is required in the design and construction of water control structures.

And finally, last but not least, environmental consulting will be provided by Mark Adams at Envirowest. Mark is currently providing consulting services for the waterfront at East Fraserlands. Envirowest's scope can be considered provisional, or variable, depending on the Park Board's budget related to addressing the algae bloom issue.

Further details related to each team member have been provided in the appendices.

GENERAL REQUIREMENTS

PWL is a Landscape Architecture consulting firm that specializes in playground design and community consultation, conceptual design, detailed design, the preparation of tender documents and construction contract administration. We have included scope from a fountain designer, heritage consultant, structural, electrical and environmental as required by the RFP. We have allowed for time for each of the project stages outlined in the RFP with the objective of delivering fully coordinated and tender ready documents and opinions of probable costs. We confirm we have the staff resources available to start immediately upon receipt of a City purchase order. We note that our project lead Grant Brumpton has led the development of the Park Boards current design standards. He is very familiar with the Park Board's design requirements and processes. We look forward to the opportunity to engage with the Parks Operations staff as part of this project and have allowed for adequate time from this process. PWL has allowed for all effort required to meet the items contained starting on page B-2, section 2.0 of the RFP.

We note that there may be a requirement to bring on a specialist consultant for the following two issues:

1. We have not allowed for an acoustic engineer as part of this project. We fully expect that the City's projects requirements can be met without requiring this type consultant. If the requirements change or expand this scope of work may need to be added. We estimate the cost of adding this scope would be \$5,000.
2. We have not allowed for a specialist engineer to assist with a SCADA system. The system was not noted in the RFP but was mentioned on the site meeting. We believe our team, in conjunction with the Park Board staff, will be able to address this scope of work, however, depending on the complexity and sophistication of the City's system, we may need to allow for an additional team member. We are not able to estimate the cost of this scope of work without having more information about the City's SCADA system.

WORK PLAN

A work plan and schedule have been included in Appendix B.

INNOVATION

The very nature of this project and its requirements will demand innovative thinking. Our team can contribute decades of relevant project experience across all disciplines.

ALTERNATIVE SOLUTIONS

As part of preparing the proposal, our team has considered alternate solutions related to the algae control. We can review in detail with the City upon project award, but we suspect that aeration of Lost Lagoon will not create the conditions required to meaningfully reduce algae growth. Additional plant communities, possibly in the form of floating habitat islands may be a more cost effective and sustainable approach. We have allowed for time to investigate this and other possible solutions but have not allowed for detailed design and tendering because the scope remains undefined.

At this time, we are not proposing any alternative solutions related to the core task of restoring and enhancing the fountain.

Note: Any forms missing in this proposal are due to the availability of team members. All teams have agreed to provide forms and will be submitted if awarded the project.

KEY PERSONNEL



GRANT BRUMPTON, BCSLA CSLA AALA SALA

PRINCIPAL - PWL PARTNERSHIP LANDSCAPE ARCHITECTS INC.

Grant is a registered Landscape Architect and principal with PWL Partnership. He has been in private practice for over twenty years and has considerable experience taking projects through the design process from start to finish. Grant's thorough understanding of process and extensive technical knowledge allow him to oversee the preparation of design drawings and construction documents as well as providing documentation for municipal approvals, and performing construction administration. He has been a member of project teams responsible for the development of complex, fast tracked, and multiple-phase developments throughout the lower mainland. He has developed design standards for major international retail client and for the Park Board.

Role: Grant will be responsible for ensuring the quality of service delivery. Grant will be closely involved in the process and will attend meetings and presentations.

PETER SMITH

FOUNTAIN CONSULTANT - VINCENT HELTON & ASSOCIATES INC.

Peter is a leading decorative water feature designer and mechanical system specialist in Canada. He is based locally in the lower mainland. Under Peter's leadership, his team has completed the design and coordination of a number the of the highest profile decorative water features in the lower mainland.

Role: Peter will be the primary fountain designer.

DONALD LUXTON, BA, B.ARCH., FRAIC, CAHP

PRINIPAL - DONALD LUXTON & ASSOCIATES INC.

Donald Luxton has a passionate interest in local history and heritage, and is the recipient of the 2009 British Columbia Heritage Award. Involved in the field of heritage resource management since 1983, he is a well-known preservation consultant, advocate, educator and author. He is active in the field of public education through the teaching of heritage conservation courses, for both general interest and university credit, and is currently a sessional lecturer in the BCIT Architectural Science degree program. His interest in the preservation of architecture has led to his continuing involvement with a number of heritage societies, including his role as a founding Director and current President of Heritage Vancouver, founding Director of the Victoria Heritage Foundation and former Director of the Vancouver Heritage Conservation Foundation. He is a member of the Canadian Association of Heritage Professionals and sits on the Board of the British Columbia Association of Heritage Professionals. In 2006, he received an honorary membership in the B.C. Society of Landscape Architects, and in 2007 was elected to the College of Fellows of the Royal Architectural Institute of Canada.

Role: Donald's role will provide heritage consulting.



SYLVIE MERCIER, BASC, P.ENG., LEED® AP
PRINCIPAL - RJC ENGINEERS

Sylvie has specialized in the functional planning, design and restoration of parking facilities, and enjoys being directly involved in the client relations and contract administration aspects of all her projects.

Sylvie began her career at RJC designing new structures and in 2004, shifted her focus to restoration of existing buildings. Her wealth of experience includes project management, prime consulting, design and restoration of existing structures with a focus on parkades. She draws on her extensive technical knowledge of building structures and systems in her 24-year industry background to develop customized rehabilitation strategies based on the needs of her clients and their site-specific requirements.

Role: Sylvie will be the Principal-in-Charge for the structural concrete repairs portion of this project and will provide design review to the project, and will ensure staff have the necessary resources available to meet schedule and budget

ALEXIS LAM, P.ENG
MECHANICAL ENGINEER - YONEDA & ASSOCIATES

Alexis graduated with honours from the University of Sheffield in 1980 with a Bachelor of Engineering degree in Mechanical Engineering. After graduating, Alexis worked in Hong Kong for 8 years in the building services consulting industry and has since achieved Chartered Engineer status from the United Kingdom.

Alexis's experience includes over 30 years in the mechanical consulting field on new construction and renovation projects. His portfolio covers a wide range of projects including high-rise condominium towers, hotels, office buildings, shopping malls, low-rise residential buildings, restaurants, and mixed-use developments. He brings a wealth of engineering knowledge to our team and has been in charge of several high profile residential condominium projects in the Lower Mainland. Alexis offers an energetic attitude while working closely with owners, developers, architects, consultants, and contractors to ensure our projects run smoothly.

Role: Alexis Lam will provide mechanical engineering services.

MARK ADAMS, RPBIO
AQUATIC BIOLOGIST - ENVIROWEST CONSULTANTS INC.

Mr. Adams is a Director and Senior Project Manager/Biologist with Envirowest Consultants Inc. He has a broad background in environmental resource management and assessment. He has been extensively involved in all aspects of environmental resource management, including environmental planning, impact assessment and regulatory agency permitting and compliance. Mr. Adams is an acknowledged leading authority on impact mitigation and offset planning and design, having been retained by both Fisheries and Oceans Canada and the Canadian Wildlife Service to author several technical, planning and design guideline documents.

Mr. Adams has designed numerous aquatic systems, including those intended to



remove nutrients from urban catchments. He has specific training in treatment wetland design (University of Wisconsin-Madison, Department of Engineering Professional Development: Advance Treatment Wetland Design). Mr. Adams has participated in the design of wetland treatment systems for the Olympic Oval in Richmond, the Bedford Landing residential development in Langley, and Samuel Robertson Secondary School in Maple Ridge.

Role: In collaboration with PWL and City staff, Mr. Adams will facilitate the examination of the feasibility of ancillary aeration and floating wetland islands to mitigate the occurrence of algal blooms in Lost Lagoon. Further, Mr. Adams will review the water level regime of Lost Lagoon. These activities will be conducted in context with the City's Stanley Park Ecological Action Plan.

WOLF SCHENKE, P.ENG
PRINCIPAL - MCW CONSULTANTS LTD.

Mr. Schenke has over 30 years of electrical engineering experience. He brings an extensive background in all aspects of electrical design in both commercial and institutional projects. He is particularly skilled in executing electrical designs for public and refurbished building projects, in addition to developing energy-efficient, architecturally-sensitive lighting designs. Prior to joining MCW in 2014, he headed his own electrical engineering consulting firm, Schenke Bawol Engineering Ltd. Role: Katya will be the day to day project lead at PWL responsible for coordinating with the consultant team, setting design direction, and leading construction administration.

Role: As Electrical Principal-in-Charge, Mr. Schenke will ensure proper resources are available to the team at all stages of the project. He will set major electrical design concepts, provide quality assurance throughout the project, and provide ultimate accountability for MCW's efforts, ensuring the constructed systems are installed in accordance with the design drawings.

ZUZANA FULKOVA, BCLS
BC LAND SURVEYOR, PROJECT MANAGER - MURRAY & ASSOCIATES

Ms. Fulkova is Geomatics Engineer with more than 9 years of surveying experience. Upon graduation from the Czech Technical University in Prague in 2007, Ms. Fulkova joined a small land surveying firm as a Project Manager. Since that time she has been working on a variety of projects related to engineering and legal survey. After moving to Canada she was hired by a land surveying firm in North Vancouver where she underwent most of her articles. Ms. Fulkova joined Murray & Associates in 2015 as a Land Surveyor in Training. Since that time she completed her articles and earned her commission as a Land Surveyor.

REFERENCES



CITY OF NORTH VANCOUVER

141 West 14th Street
North Vancouver BC V7M 1H9

LISA PARKER

Section Manager, Project Delivery
604-998-3442
lparker@cnv.org

3 years

Landscape Architecture Consulting Services on municipal greenway project.

IVANHOE CAMBRIDGE

North Office Tower, 650 West 41st Avenue, Suite 700
Vancouver (British Columbia) V5Z 2M9

ROMAN CZEMERYS

Director, Design
604-630-5854
Roman.Czemerys@ivanhoecambridge.com

5 years

Landscape Architecture Consulting Services on large scale commercial projects that include decorative water features. Projects include Metropolis at Metrotown, Guildford Town Centre and Tsawwassen Mills.

CONCORD PACIFIC DEVELOPMENTS

Suite 900, 1095 West Pender Street
Vancouver BC V6E 2M6

JASON HA

Vice President of Construction
jason.ha@concordpacific.com
604-895-8217

5 years

Landscape Architecture Consulting Services on large scale multi-family residential projects that include decorative water features. These include TV Towers and the CBC Redevelopment, the Bayshore, and Concord Gardens in Richmond.

TERMS OF ENGAGEMENT

1. PWL understands our work will be subject to the standard City of Vancouver consultant's agreement.
2. Our work will be completed as per the sequential stages in the proposal unless otherwise agreed.
3. PWL has only allowed for the engineering scope indicated in the proposal work plan. Depending on the outcome of the public consultation process we anticipate that a civil , mechanical or fountain mechanical engineer may need to be retained by the city.
4. We have not allowed for scope for environmental consulting or for reporting to agencies such as DFO.
5. We have not allowed for consulting scope for dealing with ground contamination. We have allowed for efforts to coordinate with the relevant City departments as required.
6. This project will include sustainable features but will not be certified by LEED®.
7. All planting may be irrigated. If required, the irrigation systems will conform to current Park Board standards. It will be constructed using a design build process.

ADDITIONAL SERVICES

PWL can provide a full range of additional services if required. Should additional services be required during the course of our work, we will provide a fee proposal for approval, or bill at our hourly rates unless otherwise agreed. The following shall be considered as Additional Services for this project:

1. Increased or Additional Scope of Work beyond that stated in the proposal.
2. Significant changes in schedule.
3. Addition of project phases or changes in project phasing.
4. Revisions to previously approved programs, drawings, sketches, plans, and other matters previously provided to and approved by the Client.
5. Any work required to change construction documents in-progress due to Client initiated design revisions.
6. Participation in a public art process will be considered an additional service.
7. Meetings beyond those described in the scope of work.
8. The services of a certified arbourist.
9. Services for the design and detailing of signs or way finding systems.
10. Services for the design and engineering of water feature(s).
11. Opinions of probable cost other than noted in scope of work and or value engineering studies after the permitting phase.
12. Landscape construction work will occur in one phase or mobilization. Should the landscape construction proceed with more than one mobilization, additional field review services will be billed hourly unless otherwise agreed.
13. End of Warranty Field Services, Review, and Report.

SUSPENSION OR DELAY OF PROJECT

If the project is delayed or suspended for more than three months, the Client shall pay for all services performed to date, including all expenses reasonably incurred in providing the services. If the project resumes, then the fee and scope shall be reviewed and adjusted to the mutual satisfaction of PWL and the Client to reflect any incremental costs incurred by PWL because of the suspension.

DISBURSEMENTS

The Client will reimburse PWL for all project related expenses. These shall include:

1. All reproduction such as plotting and printing costs when made from computer or photocopy, completed using PWL in-house equipment or at a third-party print shop,
2. Physical models with prior approval from the Client,
3. Couriers,
4. Growing medium testing, if required,
5. Mileage calculated at \$0.52 per kilometre,
6. Other transportation costs such as taxi, transit, train, ferry, or air,
7. Per Diem costs for out of town travel.

All disbursements shall be billed at cost unless otherwise noted or agreed.

INSURANCE

PWL maintains professional liability insurance. Professional liability insurance will be maintained for a period of 3 years after the project has been declared Substantially Complete provided terms are available at commercially affordable terms and conditions. Proof of insurance shall be made available upon request.

PWL's liability, in the event of a claim against it or any of its employees, directors, or officers whether in contract or tort is limited to the amount of the liability insurance cover in effect at the time the claim is made or the amount of the agreed in contract, whichever is less.

PAYMENT RESPONSIBILITY

Our services are being rendered to you as the Client. Your acceptance of this proposal, or your direction to start work, means that you are responsible for payment of the full amount of fees, disbursements, and applicable taxes. Work completed shall be invoices on a monthly progress basis. The Client shall pay the Consultant when invoiced for services. The account is due when presented. Accounts unpaid by the Client 30 days after presentation shall bear interest of 2% per month (24% per annum, calculated and compounded monthly).

APPLICABLE TAXES

Any applicable taxes shall be extra to all amounts. This includes any sales taxes or other special levies applied to the services provided by consulting firms.

HOURLY RATES

Hourly rates are generally tied to changes in scope that result in request for additional fees. Hourly rates will be in effect until December 31st, 2016. PWL reviews and updates our hourly rates each calendar year and typically applies an increase of 2%.

Principal	s.21(1)
Associate	
Senior Landscape Architect	
Landscape Architect	
Senior Landscape Designer	
Landscape Designer	
Landscape Technician	
Graphic Designer	
Administrative Support	

APPENDIX A: FORMS



David Lam Park, Vancouver, BC | PWL Partnership

PWL Partnership Landscape Architecture

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

APPENDIX 10
SUBCONTRACTORS

For each proposed subcontractor intended to be used in carrying out the work (or portion thereof) under an Agreement, complete this Appendix 10 - Subcontractors in the form set out below, or state that the Proponent does not propose to use any subcontractors.

If selected to enter into an Agreement with the City, the Proponent may be limited to using subcontractors listed in its Proposal. If the City objects to a subcontractor listed in a Proposal, the City may permit a Proponent to propose a substitute Subcontractor acceptable to the City.

Subcontracted Scope	Fountain Mechanical Specialty Design	
Subcontractor	Vincent Helton & Associates Ltd.	
Contact (name, title, email, telephone no.)	Peter M. Smith, President psmith@vincenthelton.com (604) 777-1992 x 101	
Approximate Percent of the Work to be Subcontracted		
The Subcontractor's Relevant Experience (identify at least three similar projects within the last five years, including the client)	1. Project Name:	Q.E. Park
	Client:	Vancouver Parks Board
	Nature of Work:	Fountain Mechanical Specialty Design
	Value:	Estimate s.21(1) (2007 Dollars)
	Client Contact:	
	2. Project Name:	George Wainborn Park
	Client:	Vancouver Parks Board
	Nature of Work:	Fountain Mechanical Specialty Design
	Value:	Estimate s.21(1) (2003 Dollars)
	Client Contact:	
	3. Project Name:	Harbour Green Park (Bute)
	Client:	Vancouver Parks Board
	Nature of Work:	Fountain Mechanical Specialty Design
	Value:	Estimate s.21(1) (2002 Dollars)
	Client Contact:	

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Subcontracted Scope	Heritage Consultant	
Subcontractor	Donald Luxton & Associates Inc.	
Contact (name, title, email, telephone no.)	Donald Luxton, Principal, donald@donaldluxton.com, 604-688-1216	
Approximate Percent of the Work to be Subcontracted	%	
The Subcontractor's Relevant Experience (Identify at least three similar projects within the last five years, including the client)	1. Project Name:	Heritage Action Plan
	Client:	City of Vancouver
	Nature of Work:	Strategic/Heritage Management Planning
	Value:	s.21(1)
	Client Contact:	Tanis Knowles Yarnell, tanis.yarnell@vancouver.ca
	2. Project Name:	Stanley Park Fish House Statement of Significance
	Client:	City of Vancouver
	Nature of Work:	Heritage Planning
	Value:	s.21(1)
	Client Contact:	Joan Probert, joan.probert@vancouver.ca
	3. Project Name:	Japanese Canadian War Memorial Conservation Plan
	Client:	Japanese Canadian War Memorial Committee
	Nature of Work:	Heritage Conservation
	Value:	s.21(1)
	Client Contact:	Linda Reid (Nikkei National Museum & Cultural Centre), 604.777.7000 x 111

**REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
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Subcontracted Scope	Fountain Restoration	
Subcontractor	Read Jones Christoffersen Ltd.	
Contact (name, title, email telephone no.)	Dennis Hodkinson (BTech, AScT, LEED® AP O+M, CCCA, CPHD) Associate, dhodkinson@rjc.ca, (604) 739-6268	
Approximate Percent of Work to be Subcontracted	N/A	
The Subcontractor's Relevant Experience (identify at least three similar projects within the last five years, including the client)	1. Project Name	Vancouver Art Gallery Centennial Fountain (2012)
	Client:	Brookfield LePage Johnson Controls
	Nature of Work:	RJC was the prime consultant for the Vancouver Art Gallery (VAG) Centennial Fountain project, responsible to assess and repair to extend the fountain service life for another 40 years. Assessments included tile and waterproofing, granite surround, marble sculpture, mechanical system (including piping and pumps), and electrical system (including lighting). In addition, RJC also reviewed and commented on the feasibility of modifying the fountain to improve its operational sustainability and access to the pump room to remove the 'confined space' designation.
	Value:	s.21(1)
	Client Contact:	Teri Sutherland, Project Manager, 604-216-7566, teri.sutherland@bljc.com
	2. Project Name	St. George's Natatorium Restoration (2012)
	Client:	E. W. Hamilton Ltd.
	Nature of Work:	The assessment and renovation project that rebuilt the wood structure of the pool where it was deteriorated, and re-constructed the entire building envelope to prevent future air tightness, condensation, and leakage problems that led to the previous deterioration. Included was renovation of the pool basin with new waterproofing and finishes.
	Value:	s.21(1)
	Client Contact:	Ted Hamilton, 604-924-4858, thamilton@ewhamilton-ltd.com
	3. Project Name	Vancouver Fire Rescue Services Training Tower Upgrades
	Client:	City of Vancouver

**REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
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	Nature of Work:	The assessment and restoration project that repaired the Vancouver Fire Rescue Services Training Tower Burn Room. The burn rooms are heating using gas appliances and occasional other fuel fires and had caused the existing wall and ceiling insulation system to fail and was in need of replacement to preserve the integrity of the concrete structural frame, floors and walls. RJC's services included assessment, design, tender and contract administration for the project. Scope includes repairs to the existing concrete, waterproofing of the existing concrete structure and new ceiling insulation system within the structure.
	Value:	s.21(1)
	Client Contact:	Bruce Stad, Project Coordinator, bruce.stad@vancouver.ca

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SUBCONTRACTORS

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If selected to enter into an Agreement with the City, the Proponent may be limited to using subcontractors listed in its Proposal. If the City objects to a subcontractor listed in a Proposal, the City may permit a Proponent to propose a substitute Subcontractor acceptable to the City.

Subcontracted Scope	MECHANICAL ENGINEERING	
Subcontractor	YONEDA & ASSOCIATES	
Contact (name, title, email, telephone no.)	ALEXIS LAM, PRINCIPAL, 604-684-3412, alexis1@yoneda.ca	
Approximate Percent of the Work to be Subcontracted		
The Subcontractor's Relevant Experience (identify at least three similar projects within the last five years, including the client)	1. Project Name:	RIVER GREEN PARCEL 2
	Client:	ASPAC DEVELOPMENT
	Nature of Work:	MECHANICAL ENGINEERING
	Value:	s.21(1)
	Client Contact:	MR. RAYMOND LEE
	2. Project Name:	RIVER GREEN PARCEL 9
	Client:	ASPAC DEVELOPMENT
	Nature of Work:	MECHANICAL ENGINEERING
	Value:	s.21(1)
	Client Contact:	MR. RAYMOND LEE
	3. Project Name:	UBC WESBROOK
	Client:	ASPAC DEVELOPMENT
	Nature of Work:	MECHANICAL ENGINEERING
	Value:	s.21(1)
	Client Contact:	MR. RAYMOND LEE

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

APPENDIX 10
SUBCONTRACTORS

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Subcontracted Scope	AERATION AND WETLAND TREATMENT - BLOOMIS	
Subcontractor	ENVIROWEST CONSULTANTS INC.	
Contact (name, title, email, telephone no.)	MARK ADAMS, P.P. BIO. DIRECTOR	
Approximate Percent of the Work to be Subcontracted		
The Subcontractor's Relevant Experience (identify at least three similar projects within the last five years, including the client)	1. Project Name:	PITT RIVER WETLANDS
	Client:	CITY OF PORT COQUITUM
	Nature of Work:	DESIGN, CONTRACT ADMIN, MONITORING
	Value:	s.21(1)
	Client Contact:	STEVE BROWN 604 927 5482
	2. Project Name:	ESQUIMALT GRAVING DOCK
	Client:	PUBLIC WORKS CANADA
	Nature of Work:	WETLAND DESIGN
	Value:	s.21(1)
	Client Contact:	CHRIS MAJOR 902-213-1037
	3. Project Name:	SOUTHEAST FALSE CREEK
	Client:	CITY OF VANCOUVER
	Nature of Work:	DESIGN - HABITAT ISLAND
	Value:	s.21(1)
	Client Contact:	KEVIN PERK 604 649 7969

REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

APPENDIX 10
SUBCONTRACTORS

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Subcontracted Scope	ELECTRICAL ENGINEERING	
Subcontractor	MCW CONSULTANTS LTD	
Contact (name, title, email, telephone no.)	WOLF SCHENKE, PRINCIPAL wschenke@mcw.com 604-687-1821	
Approximate Percent of the Work to be Subcontracted		
The Subcontractor's Relevant Experience (identify at least three similar projects within the last five years, including the client)	1. Project Name:	OLYMPIC CAULDRON
	Client:	VAN CONV EXPANSION PROJECT
	Nature of Work:	FOUNTAIN - ELECTRICAL CONNECTIONS
	Value:	
	Client Contact:	
	2. Project Name:	QUEEN ELIZABETH THEATRE RENOS
	Client:	CITY OF VANCOUVER
	Nature of Work:	SEVERAL MAJOR RENOS OVER 10YRS
	Value:	
	Client Contact:	PAUL AKERMAN
	3. Project Name:	LIBRARY SQUARE
	Client:	CITY OF VANCOUVER
	Nature of Work:	600,000 sq-ft New Building
	Value:	
	Client Contact:	


REQUEST FOR PROPOSALS NO. PS20161417
LOST LAGOON FOUNTAIN RESTORATION
PART C - FORM OF PROPOSAL

APPENDIX 10
SUBCONTRACTORS

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Subcontracted Scope	<i>Topographic survey</i>	
Subcontractor	<i>Murray & Associates Land Surveyors</i>	
Contact (name, title, email, telephone no.)	<i>Burana Fulwara, BCLS 604-572-5410 bfulwara@murrayls.com</i>	
Approximate Percent of the Work to be Subcontracted		
The Subcontractor's Relevant Experience (identify at least three similar projects within the last five years, including the client)	1. Project Name:	<i>Surrey Museum</i>
	Client:	<i>Hughes Condon Harter Arch.</i>
	Nature of Work:	<i>Topographic Survey</i>
	Value:	<i>s.21(1)</i>
	Client Contact:	
	2. Project Name:	<i>Spirit Trail</i>
	Client:	<i>West Vancouver</i>
	Nature of Work:	<i>Topographic Survey</i>
	Value:	<i>s.21(1)</i>
	Client Contact:	
	3. Project Name:	<i>Sunny Centre Cemetery</i>
	Client:	<i>City of Surrey</i>
	Nature of Work:	<i>Topographic Survey</i>
	Value:	<i>s.21(1)</i>
	Client Contact:	

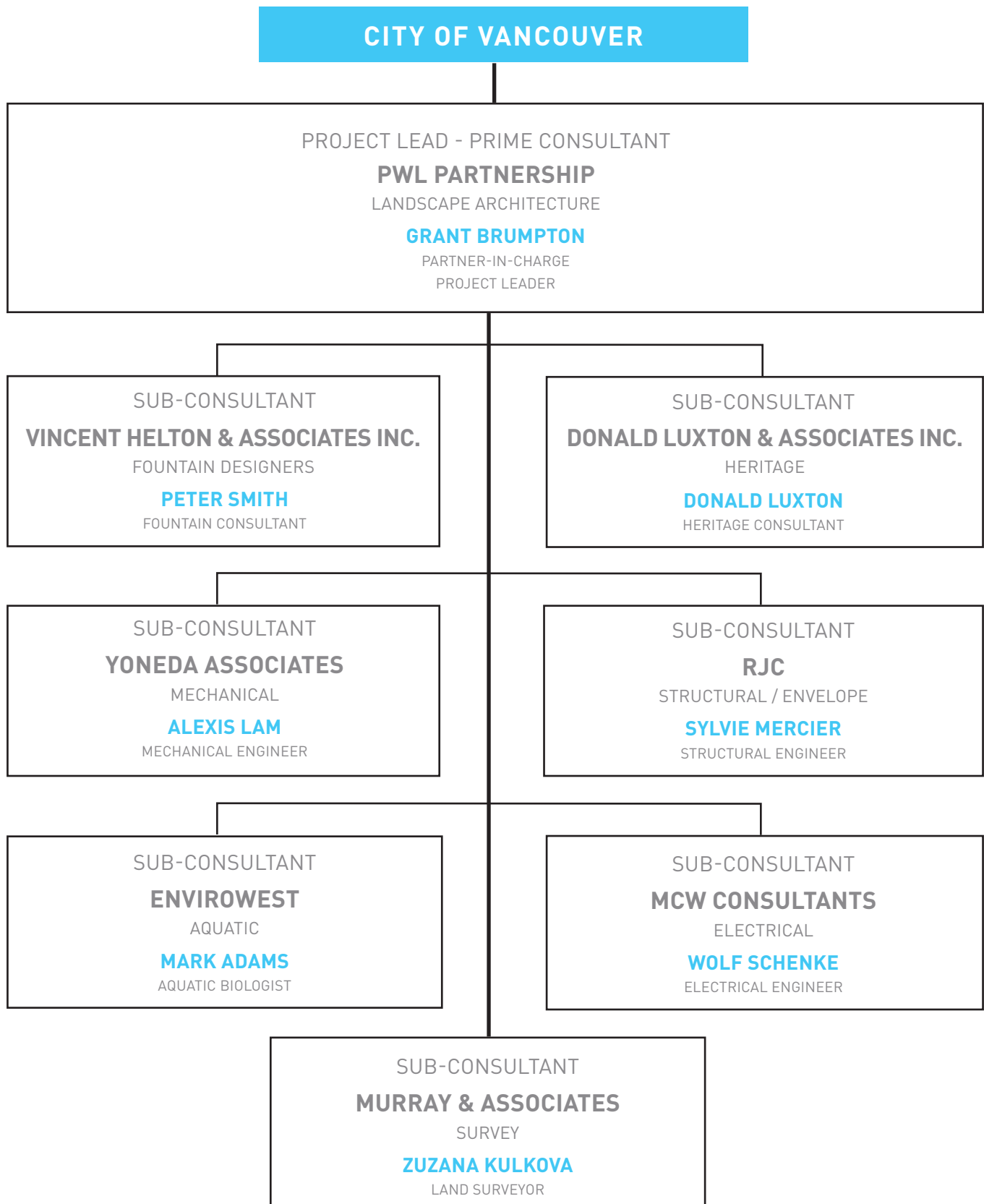


APPENDIX B: TEAM ORGANIZATION RESUMES WORK PLAN + SCHEDULE



George Wainborn Park, Vancouver, BC | PWL Partnership

TEAM ORGANIZATION



GRANT BRUMPTON PRINCIPAL

BCSLA CSLA AALA SALA



Grant is a registered Landscape Architect and principal with PWL Partnership. He has been in private practice for twenty years and has considerable experience taking projects through the design process from start to finish. Grant's thorough understanding of process and extensive technical knowledge allow him to oversee the preparation of design drawings and construction documents as well as providing documentation for municipal approvals, and performing construction administration. He has been a member of project teams responsible for the development of complex, fast tracked, and multiple-phase developments throughout the lower mainland.

EDUCATION + QUALIFICATIONS

Master of Landscape Architecture

University of Manitoba
Winnipeg, Manitoba, 1996

Bachelor of Environment Design

University of Manitoba
Winnipeg, Manitoba, 1993

PROFESSIONAL AFFILIATIONS

Squamish First Nation Advisory Design Panel,
Member

British Columbia Society of Landscape Architects, Member

Alberta Association of Landscape Architecture, Member

Saskatchewan Association of Landscape Architecture, Member

Canadian Society of Landscape Architects, Member

Richmond Advisory Design Panel
Chair, 2015–2016
Member, 2013–Present

PROFESSIONAL EXPERIENCE

PWL Partnership Landscape Architects Inc.

Vancouver, British Columbia
Principal, 2009–Present
Landscape Architect, 2002–2009

SELECT PROJECTS

Vancouver Board of Parks + Recreation Design Standards

Vancouver, British Columbia, 2014–Present
Client: Vancouver Board of Parks + Recreation

Prospect Point Redevelopment

Vancouver, British Columbia, 2007–2009
Client: Vancouver Board of Parks + Recreation

Hillcrest Recreation Centre

Vancouver, British Columbia, 2005–2010
Client: VANOC / Vancouver Board of Parks + Recreation / HCMA

Town Center Design Standards

Burnaby, British Columbia, 2015–Present
Client: City of Burnaby

Town Center Park Masterplan

Coquitlam, British Columbia, 2016–Present
Client: City of Coquitlam Parks Department

Lougheed Town Center

Burnaby, British Columbia, 2015–Present
Client: Shape Properties

Waskesiu Trails + Nodes

Prince Albert National Park, Saskatchewan, 2015–Present
Client: Parks Canada

North Vancouver Green Necklace

North Vancouver, British Columbia, 2015
Client: City of North Vancouver

Capital Park

Victoria, British Columbia, 2014–Present
Client: Concert Properties Ltd. / Jawl Properties Ltd.

GRANT BRUMPTON (2/2)

PROFESSIONAL EXPERIENCE (CONTINUED)

R. Kim Perry + Associates Inc.

Vancouver, British Columbia
Landscape Architect, 1999–2002

T.Ito + Associates Inc.

Vancouver, British Columbia
Landscape Architect, 1996–1999

AWARDS

Real Estate Board of Greater Vancouver

Award of Excellence:

Hillcrest Recreation Centre, 2012

CSLA Regional Merit Award:

Town + Gown Square, 2008

CSLA Silver Medalist: 1996

SELECT PROJECTS (CONTINUED)

Tsawwassen Mills Shopping Centre

Tsawwassen, British Columbia, 2013–Present
Client: Tsawwassen First Nation / Ivanhoe Cambridge

Guildford Aquatic Centre

Surrey, British Columbia, 2012–2015
Client: City of Surrey / Bing Thom Architects

The Spot at 12th and Cambie

Vancouver, British Columbia, 2012–Present
Client: Shato Holdings / Fougere Architecture

Fort McMurray Airport Expansion

Fort McMurray, Alberta, 2010–2014
Client: Fort McMurray Airport Authority / Office of McFarlane Biggar

Metrotown Skytrain Station

Burnaby, British Columbia, 2010–Present
Client: Translink

RCMP 'E' Division Headquarter Relocation

Surrey, British Columbia, 2010–2012
Client: B+H Architects / Public Works + Government Services Canada / P3 Compliance Review Team

Guildford Town Centre

Surrey, British Columbia, 2006–2014
Client: Ivanhoe Cambridge Ltd. / Musson Cattell Mackey Partnership

CBC Redevelopment + TV Towers

Vancouver, British Columbia, 2005–2010
Client: Concord Pacific Group Inc. / Hotson Bakker Boniface Haden

Central Valley Greenway

Vancouver + Burnaby, British Columbia, 2005–2009
Client: Translink, City of Vancouver + Burnaby

Town + Gown Square

Burnaby, British Columbia, 2005
Client: SFU Community Trust / SFU

Squamish / Lil'wat Cultural Centre

Whistler, British Columbia, 2004–2008
Client: Skwxwú7mesh / Lil'wat7ul Nations

Abbotsford Regional Hospital + Cancer Centre

Abbotsford, British Columbia, 2003–2008
Client: PCL Constructors Canada Inc. / Musson Cattell Mackey Partnership

PETER LIAW ASSOCIATE

BCSLA CSLA



Peter is a Registered Landscape Architect and Associate at PWL Partnership. He has over twenty-five years of experience in the preparation of construction documents and construction administration as well as experience in detailed and conceptual design. Peter is involved in projects from the design development stage through to construction completion. His range of projects includes: market/social housing, commercial/ retail, institutional, waterfront redevelopment, children's centres and playgrounds.

EDUCATION + QUALIFICATIONS

Diploma in Landscape Architecture

Ryerson University
Toronto, Ontario, 1990

Bachelor of Arts Degree

University of Saskatchewan
Saskatoon, Saskatchewan, 1987

PROFESSIONAL AFFILIATIONS

British Columbia Society of Landscape Architects, Member

Canadian Society of Landscape Architects, Member

PROFESSIONAL EXPERIENCE

PWL Partnership Landscape Architects Inc.

Vancouver, British Columbia
Associate, 2009–Present
Landscape Architect, 2002–2009

WhiteWater West Industries Ltd.

Richmond, British Columbia
CAD Operator/Designer, 1996–2002

James Jarvis + Associates Ltd.

Vancouver, British Columbia
Landscape Architect, 1990–1996

SELECT PROJECTS

Garden City Lands Implementation

Richmond, British Columbia, 2016–Present
Client: City of Richmond

Hastings Mill Park + False Creek Community Centre

Vancouver, British Columbia, 2014–Present
Client: City of Vancouver

Metrotown Skytrain Station

Burnaby, British Columbia, 2013–Present
Client: Translink

River District Streetscape

Vancouver, British Columbia, 2013–Present
Client: Wesgroup

Marina Gardens Linear Park

Delta, British Columbia, 2012–Present
Client: Captain's Cove Marina / Corporation of Delta

Wall Centre Yaletown

Vancouver, British Columbia, 2011–Present
Client: Wall Financial Corporation

Brewery District Building I

New Westminster, British Columbia, 2011–2013
Client: Wesgroup

Westminster Pier Park

New Westminster, British Columbia, 2010–2012
Client: City of New Westminster

Wall Centre Central Park.

Vancouver, British Columbia, 2010–Present
Client: Wall Financial Corporation

PETER LIAW (2/2)

AWARDS

The Waterfront Center Honour Award:

Westminster Pier Park, 2015

Royal Architectural Institute of Canada National Urban Design Award: Westminster Pier Park, 2014

Urban Land Institute Open Space Award:

The Village on False Creek - Parks + Waterfront, 2013

CSLA Regional Honour Award:

Westminster Pier Park, 2013

The Waterfront Center Honour Award:

Southeast False Creek Waterfront, 2009

CSLA National Merit Award:

Southeast False Creek Waterfront, 2009

SELECT PROJECTS (CONTINUED)

Rogers Arena Residential Towers

Vancouver, British Columbia, 2009–Present

Client: Aquilini Investment Group

Marine Gateway

Vancouver, British Columbia, 2008–2016

Client: PCI Group

Hinge Park @ Southeast False Creek

Vancouver, British Columbia, 2006–2010

Client: City of Vancouver / Vancouver Board of Parks + Recreation

Wall Centre False Creek

Vancouver, British Columbia, 2010–2013

Client: Wall Financial Corporation

Southeast False Creek Triangle Park

Vancouver, British Columbia, 2008–2010

Client: City of Vancouver

Nakoma Club/Kensal Walk

Coquitlam, British Columbia, 2007–2011

Client: Polygon Group Ltd.

Homer Street Children's Centre

Vancouver, British Columbia, 2002–2009

Client: Concord Pacific Group

No. 3 Road Skytrain Guideway Corridor

Richmond, British Columbia, 2006–2008

Client: City of Richmond

ERIN RAMSAY LANDSCAPE DESIGNER

BCSLA INTERN MLA BFA



Erin is a Landscape Designer with PWL Partnership with a Master of Landscape Architecture and a Bachelor of Fine Arts with distinction. She is passionate about cultural landscapes and art, and has an intrinsic sensitivity towards cultural issues. Her graduation thesis project focused on the meeting point of traditional and contemporary; natural and civic; demonstrating the potential of landscape as an outlet for cultural expression and sustainability. Erin offers a well balanced range of artistic and technical proficiency. Her attention to detail is invaluable as she sees projects through to construction.

EDUCATION + QUALIFICATIONS

Master of Landscape Architecture

University of British Columbia
Vancouver, British Columbia, 2014

Bachelor of Fine Arts (Distinction)

Mount Allison University
Sackville, New Brunswick, 2009

PROFESSIONAL AFFILIATIONS

British Columbia Society of Landscape Architects

Intern Member

PROFESSIONAL EXPERIENCE

PWL Partnership Landscape Architects Inc.

Vancouver, British Columbia
Landscape Designer, 2014–Present

UBC SALA

Vancouver, British Columbia
Contract Assistant, 2014

Lattimer Gallery

Vancouver, British Columbia
Art Gallery Associate, 2011–2013

AWARDS

CSLA Award of Merit: 2013

Paul Sangha Ltd. Scholarship: 2013

Robillard Scholarship for Small Scale Garden Design: 2012

SELECT PROJECTS

Garden City Lands Implementation

Richmond, British Columbia, 2016–Present
Client: City of Richmond

Windsor Gate Lot 10 + 2

Coquitlam, British Columbia, 2015–Present
Client: Polygon Windsor Gate Ltd.

White Rock Pier Feasibility Study

White Rock, British Columbia, 2015
Client: City of White Rock / WorleyParsons Canada Services Ltd.

Royal Bay Entry Experience

Colwood, British Columbia, 2014–Present
Client: GWL Realty Advisors Inc.

Tsawwassen First Nation Streets

Tsawwassen, British Columbia, 2014–Present
Client: Tsawwassen First Nation / Ivanhoe Cambridge

Tsawwassen First Nation Riparian Enhancement

Tsawwassen, British Columbia, 2014–Present
Client: Tsawwassen First Nation / Ivanhoe Cambridge

Strathcona Elementary School

Vancouver, British Columbia, 2014–Present
Client: Vancouver School Board / Colborne Architectural Group

Marina Gardens Charterhouse

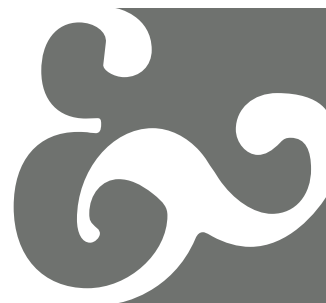
Delta, British Columbia, 2014–Present
Client: Polygon Group Ltd.

Tsawwassen Mills Shopping Centre

Tsawwassen, British Columbia, 2013–Present
Client: Tsawwassen First Nation / Ivanhoe Cambridge

DONALD LUXTON

BA, B.ARCH., FRAIC, CAHP
PRINCIPAL, DONALD LUXTON & ASSOCIATES INC.



EDUCATION

- 1983 **Bachelor of Architecture**
University of British Columbia, Vancouver BC
- 1976 **Bachelor of Arts, Fine Arts Major**
University of British Columbia, Vancouver BC

PROFESSIONAL AFFILIATIONS

- 2007 Fellow, Royal Architecture Institute of Canada
- 2001 Professional Member, Canadian Association of Heritage Professionals
- 2001 Member, Royal Architecture Institute of Canada
- 2000 Graduate Architect, Architectural Institute of British Columbia

EXPERIENCE

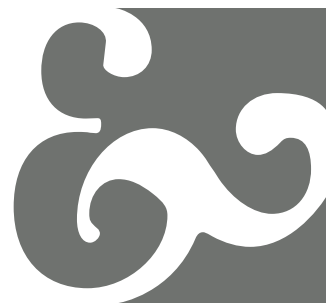
- 1996 – present **Principal**
Donald Luxton & Associates Inc. and the Arlington Group Inc., Vancouver, BC
The company provides a broad range of heritage-and design-related services, specializing in municipal heritage programs. Particular expertise is provided in: Building Assessments, Feasibility Studies and Restoration, Heritage Management Plans, Heritage Inventories, Research and Assessment, Downtown Revitalization Programs, Façade, Signage and Design Guidelines
- 2005 – present **Instructor, Architectural Science, Building Preservation & Heritage (ARSC 7110)**
BCIT, Vancouver, BC
- 1996 - present **Guest Instructor, ISDN 1211 Courses**
Kwantlen University College, Surrey, BC
- 1992 - 1995 **Instructor Heritage Conservation Courses**
Simon Fraser University, Burnaby, BC
- 1990 - 1993 **Coordinator Heritage Area Revitalization Programs**
Columbia Street HARP, for the City of New Westminster, Mount Pleasant HARP, for the City of Vancouver
- 1989 - 1991 **Instructor, Heritage Conservation Courses**
Vancouver City College, Vancouver, BC
- 1983 - 1996 **Partner**
F.G. Architectural & Planning Consultants, Vancouver, BC
Responsible for numerous heritage-related planning projects, and building feasibility studies and restorations. The company specialized in: Municipal Heritage Inventories, Building Assessments and Feasibility Studies, Heritage Building Restoration.

CIVIC APPOINTMENTS

- 1997 – 2005 Vancouver Heritage Conservation Foundation (City of Vancouver)
- 1997 – 2000 Gastown Historic Area Planning Committee (City of Vancouver)
- 1999 – 2000 Citizen's Advisory Group, Mountain View Cemetery, Vancouver
- 1997 & 1999 Heritage Awards Jury (City of Vancouver)
- 1996 – 1997 Mole Hill Working Group (City of Vancouver)

DONALD LUXTON

BA, B.ARCH., FRAIC, CAHP
PRINCIPAL, DONALD LUXTON & ASSOCIATES INC.



EDUCATION

- 1983 **Bachelor of Architecture**
University of British Columbia, Vancouver BC
- 1976 **Bachelor of Arts, Fine Arts Major**
University of British Columbia, Vancouver BC

PROFESSIONAL AFFILIATIONS

- 2007 Fellow, Royal Architecture Institute of Canada
- 2001 Professional Member, Canadian Association of Heritage Professionals
- 2001 Member, Royal Architecture Institute of Canada
- 2000 Graduate Architect, Architectural Institute of British Columbia

EXPERIENCE

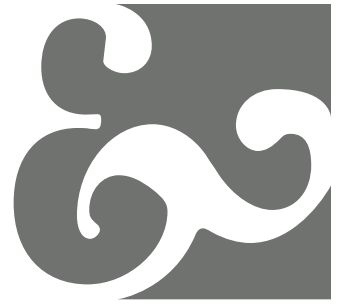
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The company provides a broad range of heritage-and design-related services, specializing in municipal heritage programs. Particular expertise is provided in: Building Assessments, Feasibility Studies and Restoration, Heritage Management Plans, Heritage Inventories, Research and Assessment, Downtown Revitalization Programs, Façade, Signage and Design Guidelines
- 2005 – present **Instructor, Architectural Science, Building Preservation & Heritage (ARSC 7110)**
BCIT, Vancouver, BC
- 1996 - present **Guest Instructor, ISDN 1211 Courses**
Kwantlen University College, Surrey, BC
- 1992 - 1995 **Instructor Heritage Conservation Courses**
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Columbia Street HARP, for the City of New Westminster, Mount Pleasant HARP, for the City of Vancouver
- 1989 - 1991 **Instructor, Heritage Conservation Courses**
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- 1983 - 1996 **Partner**
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CIVIC APPOINTMENTS

- 1997 – 2005 Vancouver Heritage Conservation Foundation (City of Vancouver)
- 1997 – 2000 Gastown Historic Area Planning Committee (City of Vancouver)
- 1999 – 2000 Citizen's Advisory Group, Mountain View Cemetery, Vancouver
- 1997 & 1999 Heritage Awards Jury (City of Vancouver)
- 1996 – 1997 Mole Hill Working Group (City of Vancouver)

MEGAN FAULKNER

MAP, BA, CAHP
HERITAGE CONSULTANT & PLANNER
DONALD LUXTON & ASSOCIATES INC.



EDUCATION

- 2008 **Master of Arts, Planning**
University of British Columbia, Vancouver, BC
- 2004 **Bachelor of Arts, Cultural Anthropology**
University of Alberta, Edmonton, AB

EXPERIENCE

- 2009 – present **Heritage Consultant & Planner**
Donald Luxton & Associates Inc., Vancouver, BC
Heritage professional for leading Vancouver based consulting firm. Completes a wide variety of projects, ranging from Heritage Assessments, Statements of Significance and Conservation Plans to Municipal Heritage Registers, Context Statements, Feasibility Studies and Strategic Reviews, as well as planning projects across Canada.
- 2005 – 2006 **Heritage Planner**
Heritage Collaborative Inc., Edmonton, AB
Heritage professional for Alberta based heritage consulting firm. Conducted Municipal Heritage Surveys, Inventories and wrote Statements of Significance for historic places across the province.
- 2005 **Researcher/Cataloguer**
University of Alberta Archives, Edmonton, AB
Organized sensitive written material for a professor's archival collection; researched information for various court cases; and aided in creating a filing system for students to access and use the archives.

PROFESSIONAL AFFILIATIONS

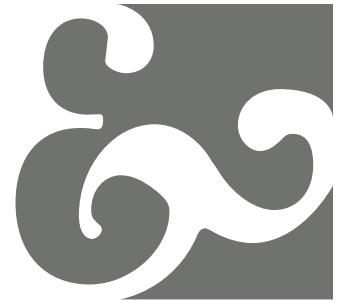
- 2011 present Professional Member of the Canadian Association of Heritage Professionals
- 2011 present Professional Member of the B.C. Association of Heritage Professionals
- 2011 present Candidate Member of the Planning Institute of British Columbia
- 2011 present Candidate Member of the Canadian Institute of Planners

ACADEMIC RESEARCH

- 2008 Masters Professional Project: "Maintaining School Spirit: A Memory and Value-Based Heritage Evaluation System for the University of British Columbia"
- 2007 Participant in Naga City Summer Planning Studio, Philippines

R.J. McCULLOCH

BSC, MSC, MCIP, RPP, CAHP
HERITAGE CONSULTANT & PLANNER
DONALD LUXTON & ASSOCIATES INC.



EDUCATION

- 2008 **Master of Science, Planning**
University of British Columbia, Vancouver, BC
- 2006 **Bachelor of Science, Business**
Miami University, Oxford, OH

EXPERIENCE

- 2010 – present **Heritage Consultant & Planner**
Donald Luxton & Associates Inc., Vancouver, BC
Heritage professional for leading Vancouver based consulting firm.
Completes a wide variety of projects, ranging from Heritage Assessments, Statements of Significance and Conservation Plans to municipal Heritage Registers, Context Statements and Strategic Reviews, as well as planning projects across Canada.
- 2008 – 2009 **Enquiry Centre Concierge**
City of Vancouver Development Services, Vancouver, BC
Assisted customers wishing to apply for building and development permits. Answered public enquiries regarding planning, zoning, building and development. Learned about many of the City's by laws, including the Zoning and Development By Law.
- 2007 – 2008 **Research Intern**
Vancouver City Planning Commission, Vancouver, BC
Researched best-practice adaptable building strategies to be presented to the City of Vancouver. Prepared presentation and graphic materials for workshop events. Summarized Commission's work on building and public space adaptability.

PROFESSIONAL AFFILIATIONS

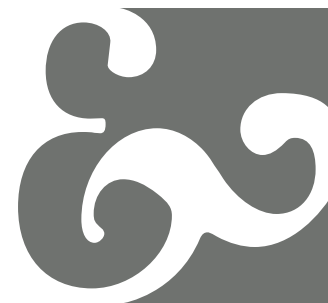
- 2011 present Professional Member of the Canadian Association of Heritage Professionals
- 2011 present Professional Member of the B.C. Association of Heritage Professionals
- 2013 present Registered Professional Planner
- 2013 present Certified Member of the Canadian Institute of Planners

ACADEMIC RESEARCH

- 2008 Masters Professional Project:
"Change in Place: Building Adaptable Space In Vancouver"
- 2007 Participant in Summer Planning Studio, Naga City, Philippines
- 2005 Participant in John E. Dolibois European Center Study Abroad Program, Differdange, Luxembourg

ELIJAH KARLO SABADLAN

B.ARCH SCI, MASA CANDIDATE, CAHP
HERITAGE CONSULTANT & CONSERVATION SPECIALIST
DONALD LUXTON & ASSOCIATES INC.



EDUCATION

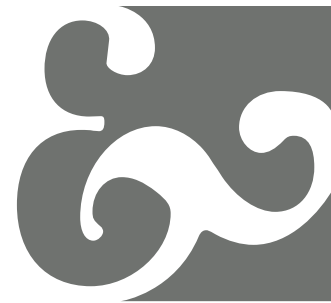
- 2015 - Present **Master of Advanced Studies in Architecture Candidate**
University of British Columbia, Vancouver, BC
- 2013 **Bachelor of Architectural Science with Honours, Architecture**
Ryerson University, Toronto, ON

EXPERIENCE

- 2016 - Present **Heritage Conservation Specialist**
Donald Luxton & Associates Inc., Vancouver, BC
Responsible for small and large scale building conservation projects, including site assessments, conservation plans, conservation specifications, providing heritage design and technical advice, and onsite project coordination.
- 2013 – 2015 **Architectural Student Intern**
ERA Architects Inc., Toronto, ON
Provide support to a team of architects and planners in preparation of Heritage Impact Assessment Reports, Condition Assessments, and conducting Field Reviews, along with corresponding Field Review Reports; assist project coordinators in preparation of materials (particularly Architectural Drawing Sets) for Preliminary Project Review, Committee of Adjustment, Site Plan Application, Building Permit Application, and Ontario Municipal Board Hearing.
- 2011 – 2015 **Research Assistant to Marco Polo and Colin Ripley**
Department of Architectural Science, Ryerson University, Toronto, ON
My role involved: compiling and assessing historical and archival data relating to Canada's Centennial Projects; documenting and analyzing the data by means of mapping exercises, analytical diagrams and matrices to help establish an understanding of data sets, patterns, concentrations, densities, and spatial distributions of the subject projects; examine the data in relation to public policy initiatives promoting an understanding of Canadian national identity through arts and culture in the context of the 1967 Centennial of Confederation.
- 2013 – 2014 **Research Assistant**
ERA Architects Inc., Toronto, ON
Along with another RA, we worked closely with the Sir William Ford Coaker Heritage Foundation and ERA Architects to collect, organize, review and interpret archival documents and photographs, oral histories, and records of intangible practices, both historic and contemporary. My research culminated in the production of the "Cultural Background Report" for Port Union. It served as a resource material for the community build program hosted by ERA Architects in Port Union during the summer of 2013, and also, more importantly, as part of phase two of the Cultural Management Plan of Trinity Bay North.

ELIJAH KARLO SABADLAN

B.ARCH SCI, MASA CANDIDATE, CAHP
HERITAGE CONSULTANT & CONSERVATION SPECIALIST
DONALD LUXTON & ASSOCIATES INC.



EDUCATION

- 2015 - Present **Master of Advanced Studies in Architecture Candidate**
University of British Columbia, Vancouver, BC
- 2013 **Bachelor of Architectural Science with Honours, Architecture**
Ryerson University, Toronto, ON

EXPERIENCE

- 2016 - Present **Heritage Conservation Specialist**
Donald Luxton & Associates Inc., Vancouver, BC
Responsible for small and large scale building conservation projects, including site assessments, conservation plans, conservation specifications, providing heritage design and technical advice, and onsite project coordination.
- 2013 – 2015 **Architectural Student Intern**
ERA Architects Inc., Toronto, ON
Provide support to a team of architects and planners in preparation of Heritage Impact Assessment Reports, Condition Assessments, and conducting Field Reviews, along with corresponding Field Review Reports; assist project coordinators in preparation of materials (particularly Architectural Drawing Sets) for Preliminary Project Review, Committee of Adjustment, Site Plan Application, Building Permit Application, and Ontario Municipal Board Hearing.
- 2011 – 2015 **Research Assistant to Marco Polo and Colin Ripley**
Department of Architectural Science, Ryerson University, Toronto, ON
My role involved: compiling and assessing historical and archival data relating to Canada's Centennial Projects; documenting and analyzing the data by means of mapping exercises, analytical diagrams and matrices to help establish an understanding of data sets, patterns, concentrations, densities, and spatial distributions of the subject projects; examine the data in relation to public policy initiatives promoting an understanding of Canadian national identity through arts and culture in the context of the 1967 Centennial of Confederation.
- 2013 – 2014 **Research Assistant**
ERA Architects Inc., Toronto, ON
Along with another RA, we worked closely with the Sir William Ford Coaker Heritage Foundation and ERA Architects to collect, organize, review and interpret archival documents and photographs, oral histories, and records of intangible practices, both historic and contemporary. My research culminated in the production of the "Cultural Background Report" for Port Union. It served as a resource material for the community build program hosted by ERA Architects in Port Union during the summer of 2013, and also, more importantly, as part of phase two of the Cultural Management Plan of Trinity Bay North.



Sylvie Mercier

BASc, P.Eng, LEED® AP



Principal Building Science & Restoration

Sylvie has specialized in the functional planning, design and restoration of parking facilities, and enjoys being directly involved in the client relations and contract administration aspects of all her projects.

Education

- University of Waterloo, 1991

Professional Affiliations

- Association of Professional Engineers and Geoscientists of British Columbia (APEGBC)
- Canadian Parking Association (CPA)
- International Parking Institute (IPI)
- BOMA BC
- International Concrete Repair Institute (ICRI)

Registrations

- P.Eng. (BC)
- LEED® AP

Publications

- Contributing author to the Dimensions of Parking 5th Edition

Employee History

- Read Jones Christoffersen (RJC): 1992
- Joined Restoration Group: 2004
- Associate: 2003
- Design Engineer: 1992

Prior to RJC

- Design Engineer for Rousseau Sauvé Warren in Montreal

Sylvie began her career at RJC designing new structures and in 2004, shifted her focus to restoration of existing buildings. Her wealth of experience includes project management, prime consulting, design and restoration of existing structures with a focus on parkades. She draws on her extensive technical knowledge of building structures and systems in her 24-year industry background to develop customized rehabilitation strategies based on the needs of her clients and their site-specific requirements.

PROJECT ROLE

Principal-in-Charge

Sylvie will be the Principal-in-Charge for the structural concrete repairs portion of this project and will provide design review to the project, and will ensure staff have the necessary resources available to meet schedule and budget

RELEVANT PROJECT EXPERIENCE

1285 West Broadway Parkade Vancouver, BC
Pacific Centre Parkade & Truck Tunnel Vancouver, BC
535 Richards Parkade Vancouver, BC
1816 Haro Parkade and Building Exterior Restoration Vancouver, BC
Harbour Cove Parkade Restoration Vancouver, BC
UBC Parkades - Development of Maintenance Plan Vancouver, BC
UBC Thunderbird Parkade Vancouver, BC
3777 Kingsway Post Tensioning Repair Burnaby, BC
City of Vancouver Facility Condition Assessment Vancouver, BC
Pacific Centre Plaza Restoration Vancouver, BC



Leslie Peer

BASc, PhD, P.Eng., FEC, RRC, LEED® AP O&M



Principal Building Science and Restoration

A specialist in evaluating and predicting the durability of steel, concrete, and timber structures, Leslie has worked for over twenty years on construction and renovation projects, and is a recognized authority in his field.

Education

- University of Cambridge, PhD, Materials Engineering, 1990
- University of Toronto, BASc, 1985

Professional Affiliations

- Association of Professional Engineers and Geoscientists of British Columbia (APEGBC)
- British Columbia Building Envelope Council
- Canadian Commission on Construction Materials Evaluation
- Building Envelope Committee of the APEGBC
- Technical Committee of the Canadian Masonry Contractor's Association

Registrations

- P.Eng. (BC)

Employee History

- Read Jones Christoffersen (RJC): 1998
- Principal: 2007
- Associate: 2002
- Project Engineer/Technologist: 1998

Leslie is a technical specialist for RJC Vancouver's Restoration and Building Science Group where he is involved in project management, technical review, and education in materials engineering, building envelope and façade engineering, and stress analysis and instrumentation. His projects have involved specifications for durability and service life, investigation and quantification of damage to structures, and specifications for the rehabilitation of structures.

Leslie has taught courses and delivered seminars in both educational and professional settings. During his PhD in materials Engineering at the University of Cambridge, Leslie specialized in assessing concrete durability.

PROJECT ROLE

Principal-in-Charge

BUILDING SCIENCE AND FACADE ENGINEERING

CBC Studio Expansion Vancouver, BC
Metrotown Mall Renovation Burnaby, BC
HSBC, 1188 West Georgia Vancouver, BC
Canada Place 16k, 21k, 24k Walkway Renovations Vancouver, BC
Vancouver Art Gallery South Stairs, Vancouver, BC
1075 West Georgia Plaza and Pond Restoration Vancouver, BC
1281 West Georgia Plaza Restoration Vancouver, BC
1500 West Georgia Plaza and Roof Garden Restoration Vancouver, BC
Library Square Vancouver, BC
Canada Post Mail Processing Plant Vancouver, BC
British Columbia Hydro Edmonds Centre Burnaby, BC
Dr. Sun Yat Sen Memorial Gardens Vancouver, BC
27 Alexander Street Vancouver, BC.
C.K. Choi Building UBC, Vancouver, BC
Westin Bayshore Hotel and Conference Centre Vancouver, BC
E-Court Building Vancouver, BC
Price Waterhouse Coopers Tower Vancouver, BC
Royal Centre Vancouver, BC
Centennial Pool Dawson Creek, BC
UBC Life Sciences Building Vancouver, BC
UBC IK Barber Learning Centre Vancouver, BC
UBC Swing Space Building Vancouver, BC
Holt Renfrew Storefront Vancouver, BC
777 Dunsmuir Renovations, Vancouver, BC
BCIT Green Roof Research Facility Burnaby, BC
Hilton Whistler Resort Renovation Whistler, BC
Gulf Islands National Park Operations Centre Sydney, BC
SFU Chancellor Gymnasium Expansion Burnaby, BC
Telus William Farrell Building Atrium Vancouver, BC
Hillcrest Centre (2010 Olympic Curling Venue) Vancouver BC
BCIT Gateway Project Burnaby, BC

Hamilton Community Centre New Westminster, BC
Revelstoke Secondary School Revelstoke, BC
Chilliwack Secondary School Chilliwack, BC

RESTORATION OF HERITAGE BUILDINGS

Robson Square Revitalization Vancouver, BC
Portland Courthouse Portland, OR
Vancouver Block Vancouver, BC
McLean Mill Port Alberni, BC
St Ann's Academy Victoria, BC
Marine Building Vancouver, BC
Woodwards Building Vancouver, BC
St Andrew's Wesley Vancouver, BC
St Mary's Kerrisdale Vancouver, BC
Sinclair Centre Vancouver, BC
Hudson's Bay Building Victoria, BC
UBC Chemistry Building Renovation Vancouver, BC
UBC Library Heritage Core Vancouver, BC
UBC Old Auditorium Renovation Vancouver, BC
Boundary Bay Airport Hangar Delta, BC
Pacific Central Station Vancouver BC

ASSESSMENT AND STRUCTURAL REHABILITATION

Vancouver General Hospital Vancouver, BC
Canada Post Mail Processing Plant Vancouver, BC
800 Hamilton Street Vancouver, BC
1128 Homer Street Vancouver, BC
1100 Homer Street Vancouver, BC
Point Atkinson Lighthouse West Vancouver, BC
Centerm Berth Faces Port of Vancouver, BC
Lynterm Berth Toe Scour Port of Vancouver, BC
City Parkade Nelson, BC
Olympic Bob Sled Run Park City, UT



Dennis Hodkinson

BTech, ASCT, CCCA, CPHD, LEED® AP

Associate Building Science & Restoration

With over 15 years of construction and building science experience, Dennis' work has focused on the evaluation, restoration, and new design of a variety of buildings.

Education

- British Columbia Institute of Technology, Bachelor Degree in Construction Management, 2006
- British Columbia Institute of Technology, Building Technology, 1994

Professional Affiliations

- British Columbia Building Envelope Council (BCBEC)
- Applied Science Technologists & Technicians Of British Columbia (ASTTBC)
- Construction Specifications Canada (CSC)
- Canada Green Building Council (CaGBC)
- Certified Passive House Designer/Consultant, International Passive House Association

Registrations

- ASCT
- LEED® AP O+M
- CPHD

Employee History

- Read Jones Christoffersen (RJC): 2001
- Associate: 2014
- Project Technologist: 2001

With over 15 years of progressive experience in construction, consulting engineering and project management, Dennis possesses both depth and practicality in his practice.

Dennis has been involved in many of Vancouver's building science projects including the evaluation, restoration and new design of a variety of buildings, preparation of design and contract documents, and contract administration. He currently performs services as a design technologist at a senior level, coordinating a team within the Vancouver Building Science and Restoration Group.

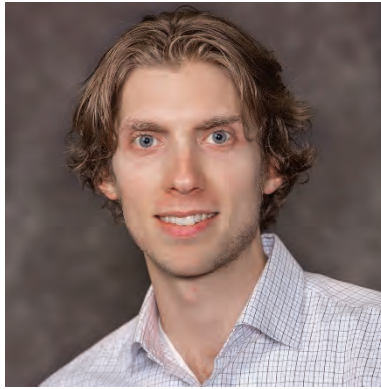
PROJECT ROLE

Project Technologist/Project Manager

Dennis Hodkinson will be the Project Technologist/Manager for the project and will be responsible for overall communication with the client as well as design of the waterproof coating for the fountain basin. He will monitor project milestones and tasks to ensure the project remains on schedule. Additionally, he will be responsible for maintaining the project progress reports and budget.

RELEVANT PROJECT EXPERIENCE

Crossroads Housing Co-operative Vancouver, BC
George Whiten Place Housing Co-operative Vancouver, BC
Kekinow Housing Complex Surrey, BC
Point Grey Tower Vancouver, BC
CBC Studio Expansion Vancouver, BC
UBC IK Barber Learning Centre Vancouver, BC
TELUS William Farell Building Atrium Vancouver, BC
NRC Institute for Fuel Cell Innovation Vancouver, BC
Hilton Whistler Resort Renovation Whistler, BC
Metrotown Mall Renovation Burnaby, BC
Vancouver Community College Vancouver, BC
Atrium on the Park Vancouver, BC
Parkside Place Vancouver, BC
The Queensbrook, Vancouver, BC
Shaughnessy Mansions Vancouver, BC
777 West Broadway Vancouver, BC
The Stratford Burnaby, BC
Water Street Parkade Renovation and Seismic Upgrade Vancouver, BC
Library Square Vancouver, BC
Canada Place Vancouver, BC
St. George's School – Pool Vancouver, BC



Dallas Nemec

BASc (Civil), P.Eng., RRO



Design Engineer

Using a practical approach, Dallas has excelled in providing building evaluations, technical design, field review and contract administration services for a multitude of commercial and residential building science and restoration projects.

Education

- British Columbia Institute of Technology - Building Envelope Laboratory (2014)
- RCI Inc. – Various Courses – 2012-2014
- AIBC Building Envelope Education Program (BEEP) Module 1 – 2011
- Construction Specifications Canada (CSC) – Principles of Construction Documentation - 2010
- University of British Columbia, BASc, Civil Engineering, 2010 (With Distinction)

Professional Affiliations

- Association of Professional Engineers and Geoscientists of British Columbia
- RCI, Inc.

Registrations

- P.Eng. (BC)
- RRO

A Design Engineer in the Building Science and Restoration group at RJC, Dallas brings to a project valuable experience and knowledge in conducting Condition Assessments, preparing Design Packages, and providing Field Review and Contract Administration services for maintenance and restoration projects.

Dallas' experience includes projects ranging from small to large, residential and commercial, and numerous types of buildings. Evaluations completed include targeted leak evaluations, single element building envelope condition assessments and whole building envelope condition assessments. Restoration projects completed include targeted glazing and roofing restorations as well as whole building envelope restorations for high rise and low rise structures.

Dallas is registered as a Professional Engineer (P.Eng.) with the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC) and as a Registered Roof Observer (RRO) with RCI Inc. Dallas is also certified as a rope access technician for carrying out building evaluation and construction review.

RELEVANT PROJECT EXPERIENCE

Lincoln Gardens, 2110-2150 Marine Drive West Vancouver, BC

Building Condition Assessment

Three wood-frame condominium buildings with 56 suites, assessed building envelope components (walls, windows, doors, balconies, foundation and underground parking structure)

The Huntington, 1816 Haro Street Vancouver, BC

Building Enclosure Condition Assessment

Twenty two-storey concrete tower with 137 units, assessed condition of exterior walls and windows for moisture ingress and moisture-induced deterioration.

Pender Place Vancouver, BC

Building Evaluations

Ten-storey tower, six-storey low-rise podium and a 36-storey tower, building enclosure assessment on window wall, curtain wall system, sliding and swing doors and inverted roofing membrane assemblies

Tudor Manor, 1311 Beach Avenue Vancouver, BC

Building Evaluations

Three-storey low rise building interconnected to a 23-storey high rise tower, total of 66 strata lots.

St. Andrew's Parish Hall Vancouver, BC

Building Evaluations

Targeted water testing at the front entrance, exploratory removal of brick cladding and concrete topping, review of deteriorated wood framing

1333 West Broadway Street Vancouver, BC

Building Evaluations

Eleven-storey, reinforced concrete office tower, assessment included a review of original drawings, discussion of the building envelope's performance and visual review of the building envelope from the interior and exterior

Canada Place Vancouver, BC

Building Evaluations

1251 Cardero Street Vancouver, BC

Building Evaluations

Twenty one-storey concrete high-rise tower with 162 units and approximately 42 years old.

Telus Cranbrook Central Office Cranbrook, BC

Building Evaluations

A stepped, one and two-storey, reinforced cast-in-place concrete and concrete block structure with a basement, assessed for the need of repair or renewal.

The Sovereign, 1555 Eastern Avenue North Vancouver, BC

Building Evaluations

Fifty-three unit high-rise complex of reinforced concrete with steel stud infill, assessed current condition of the window wall glazing system

Telus Fernie Central Office Fernie, BC

Building Evaluation

One-storey building, approximately 3,500 sq.ft., assessed for possible leakage and condition of the building envelope as a whole

The Discovery, 1500 Howe Street Vancouver, BC

Building Evaluations

Twenty four-storey high rise building with 177 units, visual review of gutter and skylight systems from roof and the interior of each penthouse unit.

Parkview Gardens, 212 Davie Street Vancouver, BC

Building Evaluations

Twenty three-storey residential tower, assessed present condition of the EIFS cladding and adjacent punched window for renewal and maintenance planning

BUILDING SCIENCE AND RESTORATION PROJECTS

POCO Place, 2755, Lougheed Highway Coquitlam, BC

Commerce Place, 400 Burrard Street Vancouver, BC

Crossroads, 404 East 43rd Avenue Vancouver, BC

Chancery Place, 865 Hornby Street Vancouver, BC

Waterfront Centre Vancouver, BC

Granville Square Vancouver, BC

Canada Place Vancouver, BC

1090 West Georgia Street Vancouver, BC

CIBC Data Centre Vancouver, BC

Park Place Vancouver, BC

The Montclair, 2970 Princess Crescent Coquitlam, BC

CIBC Branch, 8450 Granville Street Vancouver, BC

Telus Cranbrook Central Office Cranbrook, BC

Seawalk North Vancouver, BC

BC Hydro Powerserv, 12330 88th Avenue Surrey, BC

BC Hydro Lower Mainland South, 8476 128th Street Surrey, BC

Sapperton Terrace Housing Co-op, 318 Ward Street New Westminster, BC



Y O N E D A
& ASSOCIATES

CURRICULUM VITAE
ALEXIS LAM, P. ENG.

EDUCATION

Bachelor of Engineering in Mechanical Engineering
University of Sheffield, U.K. 1980

MEMBERSHIPS

- Association of Professional Engineers and Geoscientists of British Columbia
- Association of Professional Engineers and Geoscientists of Alberta
- Association of Professional Engineers and Geoscientists of Saskatchewan
- Chartered Institution of Building Services Engineers, UK (retired)
- Hong Kong Institution of Engineers (retired)
- Canadian Green Building Council (CaGBc)

WORK EXPERIENCE

2010 – Present **Yoneda & Associates**
Vancouver, B.C.

- Principal of Yoneda & Associates.
- Review HVAC, Plumbing, Fire Protection & Renovation Design of Shopping Malls, Community Centres, High rise Buildings, Commercial Office Buildings, Hotels, Condominiums, Institutional and Retail Department Stores
- Prepare Fee Proposal to clients and supervise various types of project across Canada and USA
- Review cost study on various types of projects. Provide cost saving and "Value Engineering" programs to clients
- Attend meetings with developers, architects and project owners
- Manage Associate members, team lead engineers and company operation

2004 – 2010 **Yoneda & Associates**
Vancouver, B.C.

- Review HVAC, Plumbing, Fire Protection & Renovation Design of Shopping Malls, Community Centres, High rise Buildings, Commercial Office Buildings, Hotels, Condominiums, Institutional and Retail Department Stores
- Prepare Fee Proposal to clients and supervise various types of project across Canada and USA
- Review cost study on various types of projects. Provide cost saving and "Value Engineering" programs to clients
- Attend meetings with developers, architects and project owners
- Manage Associate members, team lead engineers and company operation

CONSULTING PROFESSIONAL ENGINEERS
200-1190 MELVILLE STREET, VANCOUVER, B.C. V6E 3W1

Tel: 604-684-3412
Fax: 604-684-3884

CURRICULUM VITAE
ALEXIS LAM, P. ENG.

1989 – 2004 **Sterling Cooper & Associates**
Vancouver, B. C.

- . Engineer for HVAC, Plumbing, Fire Protection & Renovation Design of High rise buildings, Commercial Office Buildings, Hotels, Condominiums, Shopping Malls, Community Centres, Institutional and Retail Department Stores
- . Perform Heating and Cooling load calculation using Trane Trace 700 software
- . Perform energy analysis on varies type of buildings using Trane Trace 700 software
- . Attend site meetings and consulting co-ordination meetings and project administrations.
- . Review tender document and project final inspection

1980 – 1988 **Various Building Services Consulting Firms, Hong Kong**

From Engineer Trainee to Building Services Engineer

- . Preparation of Tender document and drawings
- . Site meetings and progress inspections
- . Shop drawings review and approval
- . Coordination with Architect, Consultants and Clients.
- . Testing and Commissioning



EDUCATION

WORK EXPERIENCE

Mark A. Adams

Education: B.Sc., Biology, Simon Fraser University, Burnaby, BC, 1988

Professional Accreditation: College of Applied Biology

Affiliations: Association of Professional Biologists of British Columbia
Society of Ecological Restoration
Society of Wetland Scientists
American Fisheries Society

Years of Experience: >28 years

Experience:

Mr. Adams is a Director and Senior Project Manager/Biologist with Envirowest Consultants Inc. He has a broad background in environmental resource management and assessment. He has been extensively involved in all aspects of environmental resource management, including environmental planning, impact assessment and regulatory agency permitting and compliance. Mr. Adams is an acknowledged leading authority on impact mitigation and offset planning and design, having been retained by both Fisheries and Oceans Canada and the Canadian Wildlife Service to author several technical, planning and design guideline documents.

Mr. Adams has been an author for the following peer reviewed publications:

- Tidal Marshes of the Fraser River Estuary: Composition, structure and a history of marsh creation effort to 1997. pp147-172 in B.J. Groulx and J.L. Luternauer (eds.) Fraser River Delta, British Columbia: Issues of an urban estuary. Geological Survey of Canada Bulletin 567. Natural Resources Canada, Ottawa, ON. 301p.
- Shoreline Structures Environmental Design: A Guide for Structures along Estuaries and Large Rivers. Fisheries and Oceans Canada, Vancouver, BC and Environment Canada, Delta, BC. 68p + appendices.
- Restoring Fish Access and Rehabilitation of Spawning Sites. Chapter 5. In Fish Habitat Rehabilitation Procedures, P.A. Slaney and D. Zaldokas (eds.). Watershed Restoration Technical Circular No.9, Watershed Restoration Program, BC Ministry of Environment, Lands and Parks, Vancouver, BC.
- Fish Habitat Enhancement: A Manual for Freshwater, Estuarine and Marine Habitats. Department of Fisheries and Oceans, DFO 4474. 330p.
- Reclamation of Ecological Functions within a Marine Ecosystem: Redevelopment of the Southeast False Creek Lands in Vancouver, Canada. Environmental Impact 2012. WIT Transactions on Ecology and The Environment. Vol 162:339-348

Relevant projects for which Mr. Adams was the Senior Project Manager and/or Biologist on behalf of Envirowest Consultants Inc. are as follows:

Envirowest Consultants Inc.

Mark A. Adams

Pitt River Wetlands, Port Coquitlam. Public and private development within northeast Port Coquitlam required the infill of drainage ditches. These ditches comprised an open drainage system that drained to the Pitt River through pump stations. The ditches were considered fish habitat by Fisheries and Oceans Canada.

The City of Port Coquitlam, in partnership with private developers, commissioned a comprehensive compensation plan to offset impacts in accordance with Fisheries and Oceans Canada's 'no net loss' habitat policy. Rather than create like-for-like habitat, where new ditches would be created as part of compensation for project-related impacts, highly productive fish habitats were consolidated into a single large-scale landscape feature, specifically a 6.5 hectare intertidal wetland complex.

Envirowest developed the compensation plan and obtained the Section 35(2) *Fisheries Act* Authorization for the project under the auspices of the Fraser River Estuary Management Program. Envirowest conducted the design of the wetland, and provided technical support to the administration of the contract for construction. Monitoring of the efficacy of compensation habitats in satisfying the performance requirements of the Authorization is currently being conducted.

This project was presented at the **2011 World Conference on Ecological Restoration** hosted by the **Society of Ecological Restoration**.

Southeast False Creek Olympic Village, Vancouver. The Southeast False Creek Olympic Village project is defined by the redevelopment of 50 acres of former industrial lands into a comprehensive community that will be the hallmark for sustainable development. A critical component of the redevelopment is the creation of a large shoreline park corridor that integrates natural features with recreational amenities.

Envirowest was retained by Golder Associates Ltd. on behalf of the City of Vancouver to provide technical and design support for the shoreline park component of the Village project. Environmental features that support marine life within False Creek were integrated within the overall design of the shoreline park, including an island. Envirowest designed the island and interfacing shoreline elements of the mainland. Envirowest provided technical support to the contract administrator during construction and planting of the island.

The restoration of habitat features along the shoreline of False Creek provided immediate benefits to the ecology of this water body. Herring spawned throughout the project shoreline during the first spring following construction.

The foundation for the environmental design of the shoreline was described by the paper "**Reclamation of Ecological Functions within a Marine Ecosystem: Redevelopment of the Southeast False Creek Lands in Vancouver, Canada**", presented at the conference **Environmental Impact 2012** convened at New Forest, United Kingdom.

Shoreline Structures Environmental Design: A Guide for Structures along Estuaries and Large Rivers. The environmental design concepts presented by this publication assist proponents of development mitigate the negative impacts that shoreline projects can have on fish and wildlife habitats. This guide also communicates to proponents that shoreline environments are composed of many interdependent biological and physical components and that impacts to any one component can have a decided effect on others. This design manual was prepared for Fisheries and Oceans Canada and the Canadian Wildlife Service. It may be viewed at:
www.stewardshipcentre.bc.ca/files/scn/publications/ShorelineStructures.pdf

Envirowest Consultants Inc.

Mark A. Adams

Esquimalt Graving Dock Waterlot Remediation Project. Public Works and Government Services Canada remediated contaminated sediments in the Esquimalt Graving Dock Waterlot (Project). Elements of the Project were considered by Fisheries and Oceans Canada to be a 'harmful alteration, disruption, or destruction of fish habitat pursuant to Section 35 of the *Fisheries Act*. An Authorization from DFO was required; an Authorization was issued contingent upon the creation of new fish habitats to offset project related impacts.

In collaboration with Golder Associates Ltd., Envirowest conducted the design for construction of intertidal marsh within Dunn's Nook, a shoreline feature of Esquimalt Harbour. The 5360 square metre marsh incorporates tidal creeks and interfaces backshore woodland. Envirowest conducted inspections during the construction of the marsh to assess compliance with the design.

This project was presented at the **2015 World Conference on Ecological Restoration** hosted by the **Society of Ecological Restoration**

Courtenay Sewage Lagoon. Envirowest was retained by Public Works Canada on behalf of Small Craft Harbours, Fisheries and Oceans Canada, to facilitate permitting of expansion of the Comox Fishing Harbour. A field survey of environmental resources was conducted, including intertidal and subtidal transects to document species and areal coverage of macroalgae, location and density of eelgrass culms, and the presence and abundance of macroinvertebrate and fish species. Sediment samples were retrieved from the sea bottom to identify and describe the benthic invertebrate assemblage of the proposed expansion area. Existing data regarding use of the harbour by birds was reviewed and summarized.

Permitting was conducted under the auspices of an Interagency Environmental Task Force. An Environmental Impact Assessment was conducted and submitted to the Task Force. The Assessment included proposed mitigation and offset measures. The Assessment was accepted and the proposed mitigation and offset measures were approved by the Task Force.

The primary offset measure was the creation of estuarine wetland complex through the restoration of Courtenay Sewage Lagoon. Envirowest conducted the design of the complex. The 1.9 hectare wetland complex is comprised of intertidal mudflats and marsh, and tidal channels.

Sapperton Landing – Fraser River. The New Westminster section of the Millennium Line (project) is aligned along 800 metres of Fraser River shoreline. Envirowest was retained by Rapid Transit Project 2000 Ltd. to participate in the integrated design of a shoreline park as part of the overall design of the project along the Fraser River. The original shoreline was characterized by less than 0.5 hectares of upland between the river and existing rail lines. The park expands this area to approximately 5.7 hectares. Recreational elements of the park include a pedestrian trail, a bike trail, shelters, benches, viewing platforms and a dock. Elements that function as habitat for fish and wildlife include riparian woodlands, an intertidal slough, and intertidal marsh benches. Envirowest designed the habitat features, tendered and administrated the contract for habitat construction, monitored construction activities, and monitored the efficacy of constructed habitats with the performance requirements of the Section 35(2) *Fisheries Act* Authorization for the project.

Tsawwassen Ferry Terminal - Roberts Bank. A 4.0 hectare tidal salt marsh was constructed to partially mitigate impacts to shoreline environments associated with expansion of the ferry terminal. Envirowest facilitated environmental agency approvals on behalf of BC Ferries for ferry terminal expansion, and designed and managed the construction of the marsh. Envirowest performed the planting of the marsh. Post-construction monitoring confirmed the establishment of salt marsh within the basin in accordance with agency approvals. The marsh is representative of native salt marshes of Roberts Bank in terms of species membership and assemblages, and morphological features such as tidal channels and salt pannes.

Envirowest Consultants Inc.

Mark A. Adams

Blaney Bog, Maple Ridge. Prior to 1996, Blaney Bog was an unknown entity. Mr. Mark Adams, during an inventory of natural resources, identified the characteristic features of a mounded bog. He assigned the name to the bog due to its proximity to Blaney Creek.

Mr. Adams was instrumental in the conservation of the bog through its encapsulation within a Metro Vancouver park. He facilitated the conservation of the bog through stakeholder consultation and engagement, in particular: 1) liaison with the Pitt Polder Preservation Society and the Alouette River Management Society; 2) design and production of a graphic materials and memoranda, describing the distinguishing characteristics of the bog, for distribution the natural resource agencies; 3) representing the Pitt Polder Preservation Society as part of a delegation that met with the BC Minister of Environment and support staff to discuss conservation tools and mechanisms for the bog; and, 4) as a member of the Blaney Bog Committee that included local stewardship groups and the District of Maple Ridge as members

No.7 Road Dyke, Richmond. The City of Richmond implemented improvements to a section of dyke at No.7 Road on the Main Arm of the Fraser River. The improvements, encompassing approximately one kilometre of dyke, addressed flooding concerns associated with the 2007 spring freshet. Envirowest was part of an interdisciplinary team that developed an innovative design to meet the flood management and ecological needs of the project site. The project design avoided long-term ecological impairment to affected environments and, through an increase in intertidal area, the project achieved a 'Net Plus' environmental effect. In recognition of this achievement in environmental design and construction, the City was presented with the **2008 International Project of the Year Award** by the American Public Works Association.

Creating Habitat Improvement Projects on the Fraser River Estuary: A Guide for Project Implementation. The Fraser River Estuary Management Plan is responsible for implementing an Estuary Management Plan (EMP) that in itself sets forth key targets and actions. One of the targets is to "Maintain and improve, where possible, the existing habitat base in the estuary to support viable and productive populations of fish, wildlife and plants ...". An action recommended by the EMP to achieve this target is to "undertake habitat improvement projects".

The guide presents a set of informational tools for habitat improvements at eight locations within the estuary. Each location is defined according to: biophysical description; tenure over land and water uses; rationale for habitat improvements; design of habitat improvements; and, cost of habitat improvements.

City Lumber Wetlands, Burnaby. Private industrial park development within southeast Burnaby required the infill of part of a small creek and drainage ditches. The affected creek and ditches formed part of an open drainage system that drained to the Fraser River through a pump station. The affected creek and ditches were considered fish habitat by Fisheries and Oceans Canada.

Canadian National Railway Properties Inc. retained Envirowest to develop a comprehensive compensation plan to offset impacts in accordance with Fisheries and Oceans Canada's 'no net loss' habitat policy. Envirowest obtained the Section 35(2) *Fisheries Act* Authorization for the project. New creek was created to offset impacts to creek habitats. A 1.6 hectare intertidal marsh-riparian woodland complex was created to offset impacts to ditch habitats. Envirowest conducted the design of the habitat complex, administered the physical construction of the project, and provided construction services for the planting of habitats. We implemented a phased planting program for the woodland, where groundcover, shrub and tree species were planted incrementally over 3 years. This adaptive approach greatly facilitated the successful establishment of a natural assemblage of native plant species of high habitat value to both fish and wildlife.

Envirowest Consultants Inc.

MCW TEAM RESUMES



WOLF SCHENKE, P.ENG., PRINCIPAL

ELECTRICAL PRINCIPAL-IN-CHARGE

Mr. Schenke has over 30 years of electrical engineering experience. He brings an extensive background in all aspects of electrical design in both commercial and institutional projects. He is particularly skilled in executing electrical designs for public and refurbished building projects, in addition to developing energy-efficient, architecturally-sensitive lighting designs. Prior to joining MCW in 2014, he headed his own electrical engineering consulting firm, Schenke Bawol Engineering Ltd.

RELEVANT EXPERIENCE:

- Vancouver Convention Centre West, Vancouver, BC
- Canada Place, Vancouver, BC
- Canada Place Cruise Ship Terminal Expansion, Vancouver, BC
- Vancouver Lawn Tennis & Badminton Club, Vancouver, BC
- Whistler Olympic Plaza, Whistler, BC
- E-Comm Facility, Vancouver, BC
- Library Square, Vancouver, BC
- BMO Theatre Centre, Vancouver, BC
- Evergreen Cultural Centre, Coquitlam, BC
- Queen Elizabeth Theatre – Renovations (1995-2009), Vancouver, BC
- The Orpheum, Vancouver, BC
- The Stanley Industrial Alliance Stage (formerly the Stanley Theatre), Vancouver, BC
- Buddhist Temple/Firehall Theatre, Vancouver, BC
- Christ Church Cathedral – Renovation, Vancouver, BC
- Peace Portal Alliance Church – Lighting and Additions, Surrey, BC
- Star of the Sea Church, White Rock, BC
- Okanagan Correctional Centre – Compliance, Oliver, BC
- The Old Auditorium Opera House, UBC, Vancouver, BC
- The Art Institute of Vancouver – Renfrew Campus, Vancouver, BC

EDUCATION:

- B.A.Sc. Electrical Engineering. UBC, 1972

PROFESSIONAL AFFILIATIONS:

- Professional Engineer – Association of Professional Engineers and Geoscientists of British Columbia (APEGBC)
- Member – Illuminating Engineering Society (IES)

ROLE ON PROJECT:

As Electrical Principal-in-Charge, Mr. Schenke will ensure proper resources are available to the team at all stages of the project. He will set major electrical design concepts, provide quality assurance throughout the project, and provide ultimate accountability for MCW's efforts, ensuring the constructed systems are installed in accordance with the design drawings.

MCW TEAM RESUMES



RICK ARIKADO, SENIOR ELECTRICAL DESIGNER

ELECTRICAL DESIGNER

Mr. Arikado joined MCW in 2014 and has over 30 years of electrical design industry experience with numerous institutional and commercial projects. In addition to being a well-rounded electrical designer, he is an expert in specialty lighting design, lighting controls, and lighting level modelling.

RELEVANT EXPERIENCE:

- Vancouver Convention Centre West, Vancouver, BC
- Canada Place Cruise Ship Terminal Expansion, Vancouver, BC
- Victoria Conference Centre, Victoria, BC
- E-Comm Facility, Vancouver, BC
- Library Square, Vancouver, BC
- BART – West First Theatre Centre, Vancouver, BC
- Scotiabank Dance Centre, Vancouver, BC
- Queen Elizabeth Theatre – Renovations (1995-2009), Vancouver, BC
- Christ Church Cathedral – Renovation, Vancouver, BC
- Our Lady of Perpetual Help – Lighting, Vancouver, BC
- Peace Portal Alliance Church – Lighting and Additions, Surrey, BC
- Fraser Downs Racetrack and Casino, Cloverdale, BC
- Hastings Park – Grandstand Building, Vancouver, BC
- Vancouver Lawn Tennis & Badminton Club, Vancouver, BC
- North Peace Regional Airport – Air Terminal, Fort St. John, BC
- The Art Institute of Vancouver – Renfrew Campus, Vancouver, BC

EDUCATION:

- Certificate of Technology, Southern Alberta Institute of Technology

PROFESSIONAL AFFILIATIONS:

- Member – Illuminating Engineering Society (IES)

ROLE ON PROJECT:

As Electrical Designer. Mr. Arikado will be responsible for the coordination of working drawings, including schematic design, design development, and construction administration, and will liaison with other consultants throughout the project.

ZUZANA FULKOVA, BCLS

Murray & Associates, 201-12448 82nd Ave, Surrey, BC
Tel: 604-572-5410 e-mail: zfulkova@murrayls.com



British Columbia Land Surveyor (BCLS #944) currently working as a Project Manager at Murray & Associates providing survey services for residential and commercial developments and consulting for clients throughout the Lower Mainland, BC.

Academic Qualification

Czech Technical University in Prague (2007-2009)

Worked as a TA, assisting with geodesy classes for Civil Engineering Students

Czech Technical University in Prague (2001-2007)

Master's Degree in Geodesy and Geomatics Engineering

Work Experience

- ***Murray and Associates (June 2015-present)***
- ***BCLS, Project Manager***

Provide project management and consulting services in land surveying

- small to medium size residential and commercial developments
- construction surveys
- subdivisions, block outline subdivisions
- strata and air space developments, lease plans

- ***Murray and Associates (January 2015 - May 2015)***
- ***Land Surveyor in Training***

Supervise and conduct all aspects of field work required for legal boundary retracement, topographic surveys, control layout and engineering surveys

Perform survey calculations both in the field and in the office and preparing clear, concise and accurate field notes

Act as a representative of the company in the field providing respectful and knowledgeable liaison between the office and client

- ***Hobbs Winter and McDonald (October 2010 - December 2014)***
- ***Land Surveyor in Training***

Supervise and conduct all aspects of field work required for legal boundary retracement, topographic surveys, control layout and engineering surveys

Perform survey calculations both in the field and in the office and preparing clear, concise and accurate field notes

Act as a representative of the company in the field providing respectful and knowledgeable liaison between the office and client

- ***MajerGEO (March 2007 - April 2009)***
- ***Land Surveyor***

Supervise and conduct all aspects of field work required for legal boundary retracement, topographic surveys, control layout and engineering survey

WORK PLAN + SCHEDULE

PWL has developed a work plan that outlines the process for the Lost Lagoon Fountain Restoration. The work plan responds to Part C Appendix 2 of the RFP. We have assumed that review meetings with VPB and City of Vancouver staff will typically be 1.5 hour meetings.

TASK 1: CONCEPTUAL DESIGN

Start up meeting with Project Team, VPB, and City staff to review programming, functional requirements, , schedule, and budget.

Complete Site Topographical Survey by Murray and Associates.

Complete Site Analysis and Site

Review outcomes of the Site Analysis to set direction for the conceptual design.

Design options to consider maintenance requirements, safety, control and durability in addition to restoration of the past grandeur of the fountain.

Submit concept design to staff for review. Incorporate feedback.

Deliverables to include concept diagrams, plans, sections/elevations and precedent images.

TASK 2: DETAILED DESIGN DEVELOPMENT

Develop 50% design drawings and specifications

Meet with Vancouver Park Board project team. Incorporate feedback.

Develop 75% design drawings and specifications

Meet with Vancouver Park Board project team. Incorporate feedback.

Develop 95% design drawings and specifications

Meet with Vancouver Park Board project team. Incorporate feedback.

TASK 3: PREPARATION OF TENDER DOCUMENTS

Submit technical specifications, special conditions, design drawings, and any other technical documents required for competitive tendering by multiple bidders.

Itemize and describe components of the work in the ITT Form of Tender Schedule A Pricing Tables, including but not limited to, unit and separate priced items.

Be listed as the City's Consultant in the Tender documents and coordinate, attend, and document all site meetings required in the tender process. We assume one bidders' orientation meeting.

Issue Addenda as required and answer technical questions during tendering period.

Tender Evaluation and Contractor Selection. Assist the City in evaluation of the tenders and make a recommendation of the contractor(s) to the City.

TASK 4: CONSTRUCTION ADMINISTRATION

Issue IFC contract documents. We anticipate construction to start March, 2017 and take approximately 3 months.

Site meeting with contractor and VPB to review construction schedule, communication and site review protocol, go over any questions from the contractor.

Attend weekly site meetings. We allowed for eight site meetings and one substantial completion meeting.

Issue field review reports and site instructions. Prepare CCOs, site clarifications, review construction work, submittals and mock ups. Review progress payments and issue payment certificates.

Act as liaison between all parties of the Project and perform construction administration services as outlined in Part B Section 4.7 of RFP.

Lead the substantial completion process and issue final acceptance.

Prepare As-Built Drawings in PDF and CAD and submit to the City. Drawings to be updated based on the contractor mark-ups.

Lost Lagoon Fountain Restoration

WORK PLAN AND SCHEDULE

Prepared: September 14, 2016	December					January (2017)					February (2017)			
	3	10	17	24	31	2	9	16	23	30	6	13	20	27
Conceptual Design														
Meeting No. 1: Start up meeting with Project team, VPB and City staff to review programming, functional requirements, challenges, accessibility, schedule, and budgeting.														
Complete Topographical Surveys by Murray & Associates														
Complete Site Analysis & Project Start up														
Review & Organize outcomes of Analysis. Set direction for conceptual design														
Design options (consider maintenance, safety, control and durability)														
Submit concept design to staff for review. Incorporate feedback. Deliverables to include concept diagrams, plans, sections/elevations and precedents														
Detailed Design Development														
Develop 50% design drawings and specifications														
Meet with VPB project team. Incorporate feedback.														
Develop 75% design drawings and specification														
Meet with VPB project team. Incorporate feedback.														
Develop 95% design drawings and specification														
Meet with VPB project team. Incorporate feedback.														
Preparation of Tender Documents														
Submit technical specification, special conditions, design drawings and any other technical documents required for competitive tendering by multiple bids														
Itemize and describe components of the work in the ITT form of Tender Schedule A Pricing Tables, including but not limited to, unit and separate priced items														
Be listed as the City's consultant in the Tender Process. We Assume one bidder Orientation Meeting														
Issue Addenda as required and answer technical questions during tendering process														
Tender Evaluation and Contractor Selection. Assist the City in evaluation of the tenders and make a recommendation of the contractor(s) to the City														
Construction Administration														
Issue IFC contract documents.														
Site meeting with contractor and VPB to review construction schedule, communication and site review protocol. Questions with contractor														
Attend weekly site meetings														
Issue field reports and site instructions. Prepare CCO's, site clarifications, review construction work, submittals and mock ups. Review progress payments and issue payment certificates														
Construction Administration														
Substantial Completion process and issue final acceptance														
Prepare As-Built Drawings														

[illegible]

APPENDIX C: RELEVANT WORK



DAVID LAM PARK II



David Lam Park is located in the Concord Pacific Beach Neighbourhood and provides one of the area's major public open spaces.



The park was constructed over three phases with each phase providing amenities for a different form of activity. Phase II provides spaces for passive recreation and reflection, with plantings of Chinese origin used to pay homage to the park's namesake, David Lam, form Lieutenant Governor of British Columbia.

Location

Vancouver, British Columbia

Date

1996–2010

Owner

City of Vancouver

Client

Concord Pacific Group

HARBOUR GREEN PARK II



Harbour Green Park II is a rich multipurpose 2.6-hectare park between Stanley Park and the downtown core, and illustrates both the natural and man-made history of the area.



Vancouver's historic Coal Harbour and the North Shore mountains form the backdrop to the park. The finely detailed granite and concrete escarpment wall marks the natural grade break between downtown Vancouver and the edge of Coal Harbour. A café and washroom set into the escarpment wall help to animate this space and provide support facilities for the large water spray pool. Earth mounds emerge from the lawn, representing ocean waves. The park is the longest continuous park in the downtown area.

Location

Vancouver, British Columbia

Date

2002

Owner

City of Vancouver

Client

Vancouver Board of Parks + Recreation / Marathon Developers

Area

2.6 Hectares (6.4 Acres)

Select Awards

» CSLA National Merit Award 2005

GEORGE WAINBORN PARK



George Wainborn Park is a six-acre open space located in the heart of Concord Pacific Place - Beach Neighbourhood in Downtown Vancouver.

Location

Vancouver, British Columbia

Date

1996–2004

Owner

Vancouver Board of Parks + Recreation

Client

Concord Pacific Group Ltd.

Area

2.4 Hectares (6 Acres)

Select Awards

» CSLA National Citation Award
2006

The park has been designed to marry early 20th century park form and style with the contemporary modernist design vocabulary employed throughout the Concord Pacific development. PWL Partnership worked closely with the Vancouver Board of Parks and Recreation to create an upper plaza area with a major water feature, seating areas under canopied shade trees, and a traditional play area. Large beacon plinths march down the grass slope of the lower park from the promontory wall signaling the boats that sail the waters of False Creek.



STANLEY PARK LOST LAGOON



The Stanley Park Causeway drainage system has been upgraded to collect all pavement stormwater discharge and direct it to Lost Lagoon to be treated in an engineered wetland.

Location

Vancouver, British Columbia

Date

1999–2001

Owner

Vancouver Board of Parks +
Recreation / Vancouver Aquarium

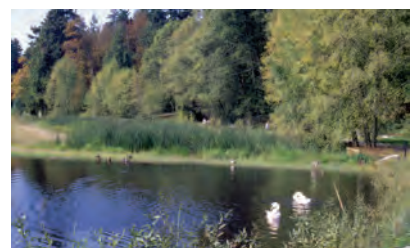
Client

Vancouver Board of Parks +
Recreation / Kerr Wood Leidal
Associates Ltd

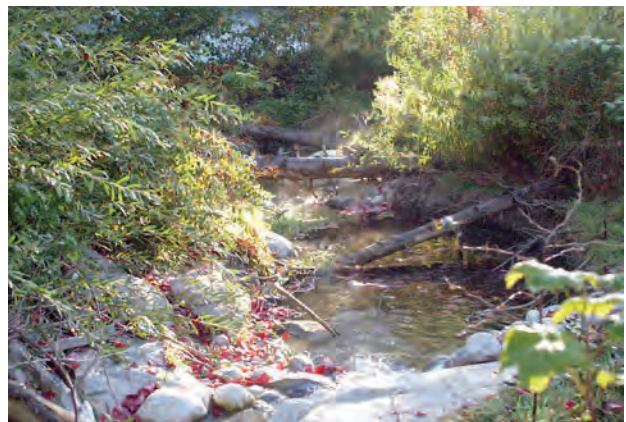
Select Awards

» CSLA Regional Honour Award
2002

The wetland allows soil and plant material to absorb fine particles, dissolved metals and nutrients in the stormwater before it flows into Lost Lagoon. The wetland has considerable side benefits in creation of terrestrial, aquatic and aviary habitats. Terraces, deep pools, and flow channels contribute to the diversity of plant and biotic life and increase the number of pollutants removed. The project has become a significant urban environmental retrofit, and recreates the natural character of a British Columbia marsh in this engineered urban wetland.



STANLEY PARK SALMON STREAM



Location

Vancouver, British Columbia

Date

1999

Owner

Vancouver Board of Parks + Recreation

Client

Vancouver Board of Parks + Recreation
/ Vancouver Aquarium

Select Awards

- » CSLA National Merit Award 2006
- » Waterfront Centre Project Honor Award 2006

Stanley Park's long history and thick forest are a tribute to Vancouver's past.

The Stanley Park Salmon Stream was born to celebrate the natural history. PWL was the prime consultant bringing together and overseeing a group of specialists who lent their skills to create the salmon stream. PWL was responsible for the bridges and lookout design, planting design, site circulation, and the fresh water portion of the stream. The existing fresh water stream was redesigned to look like a natural creek and represent the high upland portion of a natural salmon-bearing stream.