



REQUEST FOR PROPOSALS

RFP No. PS20200924

PROVISION OF SEWER AND DRAINAGE MODELLING STRATEGY AND STANDARD

Issue Date: September 9, 2020

Issued by: City of Vancouver (the "City")

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PART A - INFORMATION AND INSTRUCTIONS

SUMMARY

The City of Vancouver ("City") is seeking consulting services to develop a sewer and drainage modelling strategy and standard document as part of its Citywide Sewer and Drainage Model project. "Modelling Strategy" is intended to set the long-term strategy for the hydraulic/hydrologic modelling practice in the City of Vancouver, while the "Modelling Standard" will focus on detailed processes and procedures of developing sewer and drainage hydraulic/hydrologic models specific to the City of Vancouver such as databases, naming conventions, and modelling parameters

PART A – INFORMATION AND INSTRUCTIONS

1.0 THE RFP

- 1.1 Except where expressly stated otherwise in Appendix 1 of Part C of the Request for Proposals ("RFP"): (i) no part of the RFP consists of an offer by the city to enter into any contractual relationship; and (ii) no part of the RFP is legally binding on the city.
- 1.2 The City is interested in selecting an entity, which is not, by the terms hereof, barred from submitting a Proposal, and which does submit a Proposal (each such entity, a "Proponent") with the capability and experience to efficiently and cost-effectively meet the objectives and requirements described in the RFP. The City currently expects to select such a Proponent and then enter into negotiations with that Proponent, which will conclude in the execution of a contract between the Proponent and the City (such a contract, an "Agreement"). However, the City may: (i) decline to select any Proponent; (ii) decline to enter into any Agreement; (iii) select multiple Proponents for negotiation; or (iv) enter into one or more agreements respecting the subject matter of the RFP with one or more Proponents or other entities at any time. The City may also terminate the RFP at any time.
- 1.3 The City currently intends that Proposals will be evaluated by the City in relation to their overall value, which will be assessed in the City's sole and absolute discretion. In assessing value, the City expects to consider the factors described in Section 8.0 below, among others.
- 1.4 No bid security is required from Proponents in connection with the submission of Proposals because no Proposal will be deemed to be an irrevocable or otherwise binding legal offer by a Proponent to the City. The legal obligations of a Proponent that will arise upon the submission of its Proposal will be limited to the terms and conditions stated under the heading "Legal Terms & Conditions" in Appendix 1 to the Part C - Form of Proposal.
- 1.5 The execution of an Agreement may be contingent on funding being approved, and the relevant Proposal being approved, by the Vancouver City Council.
- 1.6 The RFP consists of four parts, plus appendices:
 - (a) PART A - INFORMATION AND INSTRUCTIONS: This part is intended to serve as a guide to the RFP process for Proponents.
 - (b) PART B - SCOPE OF WORK: This part describes the subject matter of the RFP, in respect of which the City invites Proposals.
 - (c) PART C - FORM OF PROPOSAL: This is the form in which the Proposal should be submitted.

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- (d) PART D - FORM OF AGREEMENT: This part contains a model Agreement (the "Form of Agreement"). Any Agreement resulting from the RFP is expected to be substantially in the form of the Form of Agreement.

2.0 **KEY DATES**

2.1 Potential Proponents should note the following key dates:

Event	Time and Date
Deadline for Enquiries	3:00 pm on September 24, 2020
Closing Time	3:00 pm on October 1, 2020

2.2 All references to time in the RFP are references to the time in the City of Vancouver, as indicated in the electronic timestamp the Proposal receives upon delivery to the email address specified herein, which is in turn synchronized to Network Time Protocol (NTP) provided by the National Research Council of Canada adjusted to local Pacific Time Zone.

3.0 **CONTACT PERSON**

3.1 All enquiries regarding the RFP must be addressed to:

Donna Lee, Buyer donna.lee@vancouver.ca

3.2 All enquiries must be made in writing and are to be directed only to the above contact person. In-person or telephone enquiries are not permitted. Any communication from potential Proponents to City staff other than the contact person regarding the content of this RFP may lead to disqualification of the Proponent from this RFP process, at the City's sole discretion.

3.3 IF A POTENTIAL PROPONENT BELIEVES THAT THE CITY MAY BE UNABLE TO SELECT IT DUE TO A CONFLICT OF INTEREST, BUT IS UNCERTAIN ABOUT THIS, THE POTENTIAL PROPONENT IS URGED TO CONTACT THE ABOVE-MENTIONED INDIVIDUAL AS SOON AS POSSIBLE WITH THE RELEVANT INFORMATION SO THAT THE CITY MAY ADVISE THE POTENTIAL PROPONENT REGARDING THE MATTER.

4.0 **SUBMISSION OF PROPOSALS**

4.1 Proponents should submit their Proposals on or before the time and date specified in the bottom row of the table in Section 2.1 above (the "Closing Time").

4.2 Each Proponent should submit its Proposal by email in accordance with the following:

- Subject of the file to be: PS# - Title - Vendor name.
- Document format for submissions:
 - RFP Part C in PDF format - 1 combined PDF file with attachment if necessary,
 - Appendix 3 (pricing tab) in Excel format, and;
- Zip the files to reduce the size if necessary.

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- Send your submissions to Bids@vancouver.ca; do not deliver a physical copy to the City of Vancouver.
 - Submitting the files via Drop box, FTP, or similar programs, is not acceptable.
- 4.3 To be considered by the City, a Proposal must be submitted in the form set out in Part C (the “Form of Proposal”), completed and duly executed by the relevant Proponent.
- 4.4 Amendments to a Proposal may be submitted via the same methods, at any time prior to the Closing Time.
- 4.5 Proposals are revocable and may be withdrawn at any time before or after the Closing Time.
- 4.6 All costs associated with the preparation and submission of a Proposal, including any costs incurred by a Proponent after the Closing Time, will be borne solely by the Proponent.
- 4.7 Unnecessarily elaborate Proposals are discouraged. Proposals should be limited to the items specified in Part C of the RFP.
- 4.8 The City is willing to consider any Proposal from two or more Proponents that wish to form a consortium for the purpose of responding to the RFP, provided that they disclose the names of all members of the consortium and all members complete and sign the first page of the Form of Proposal. Nonetheless, the City has a strong preference for Proposals submitted by a single Proponent, including a Proponent that would act as a general contractor and use subcontractors as required.
- 4.9 Proposals that are submitted after the Closing Time or that otherwise do not comply in full with the terms hereof may or may not be considered by the City and may or may not be returned to the Proponent, in the City’s sole discretion.
- 5.0 **CHANGES TO THE RFP AND FURTHER INFORMATION**
- 5.1 The City may amend the RFP or make additions to it at any time.
- 5.2 It is the sole responsibility of Proponents to check the City’s website at: <http://vancouver.ca/doing-business/open-bids.aspx> regularly for amendments, addenda, and questions and answers in relation to the RFP.
- 5.3 Proponents must not rely on any information purported to be given on behalf of the City that contradicts the RFP, as amended or supplemented in accordance with the foregoing Section 5.2.
- 6.0 **PROPOSED TERM OF ENGAGEMENT**
- 6.1 The term of any Agreement is expected to be a one (1) year period with two (2) possible four (4)-year extensions, for a maximum total term of nine (9) years.
- 7.0 **PRICING**
- 7.1 All prices quoted in any Proposal are to be exclusive of applicable sales taxes calculated upon such prices, but inclusive of all other costs.
- 7.2 Prices must be quoted in Canadian currency and fixed prices must be quoted for the full term of the Proponent’s proposed agreement.

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8.0 EVALUATION OF PROPOSALS

- 8.1 The City may open or decline to open Proposals in such manner and at such times and places as are determined by the City.
- 8.2 The City currently intends that all Proposals submitted to it in accordance with the RFP will be evaluated by City representatives, using quantitative and qualitative tools and assessments, as appropriate, to determine which Proposal or Proposals offer the overall best value to the City. In so doing, the City expects to examine:

Evaluation Criteria	Evaluation Weighting
Technical	65%
Financial	30%
Sustainability (Social)	5%
Total	100%

(i) financial terms, (ii) Proponents' skills, knowledge, reputations and previous experience(s), including experience(s) with the City (if any); (iii) Proponents' capabilities to perform the City's scope of work (as defined in Part B) as and when needed, (iv) quality and service factors, (v) innovation, (vi) environmental or social sustainability; and (vii) transition costs or challenges. Certain other factors may be mentioned in Part B or elsewhere in the RFP.

- 8.3 The City will retain complete control over the RFP process at all times until the execution and delivery of an Agreement or Agreements, if any. The City is not legally obligated to review, consider or evaluate Proposals, or any particular Proposal, and need not necessarily review, consider or evaluate Proposals, or any particular Proposal in accordance with the procedures set out in the RFP. The City may continue, interrupt, cease or modify its review, evaluation and negotiation process in respect of any or all Proposals at any time without further explanation or notification to any Proponents.
- 8.4 The City may, at any time prior to signing an Agreement, discuss or negotiate changes to the scope of the RFP with any one or more of the Proponents without having any duty or obligation to advise the other Proponents or to allow the other Proponents to vary their Proposals as a result of such discussions or negotiations.
- 8.5 The City may elect to short-list Proponents and evaluate Proposals in stages. Short-listed Proponents may be asked to provide additional information or details for clarification, including by attending interviews, making presentations, supplying samples, performing demonstrations, furnishing technical data or proposing amendments to the Form of Agreement. The City will be at liberty to negotiate in parallel with one or more short-listed Proponents, or in sequence, or in any combination, and may at any time terminate any or all negotiations.
- 8.6 The City may also require that any proposed subcontractors undergo evaluation by the City.
- 8.7 For the avoidance of doubt, notwithstanding any other provision in the RFP, the City has in its sole discretion, the unfettered right to: (a) accept any Proposal; (b) reject any Proposal; (c) reject all Proposals; (d) accept a Proposal which is not the lowest-price proposal; (e) accept a

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Proposal that deviates from the requirements or the conditions specified in the RFP; (f) reject a Proposal even if it is the only Proposal received by the City; (g) accept all or any part of a Proposal; (h) split the scope of work between one or more Proponents; and (i) enter into one or more agreements respecting the subject matter of the RFP with any entity or entities at any time. Without limiting the foregoing, the City may reject any Proposal by a Proponent that has a conflict of interest, has engaged in collusion with another Proponent or has otherwise attempted to influence the outcome of the RFP other than through the submission of its Proposal.

9.0 CITY POLICIES

9.1 The City's Procurement Policy, Ethical Purchasing Policy and related Supplier Code of Conduct found at <http://vancouver.ca/doing-business/selling-to-and-buying-from-the-city.aspx> align the City's approach to procurement with its corporate social, environmental and economic sustainability values and goals. They evidence the City's commitment to maximize benefits to the environment and the community through product and service selection, and to ensure safe and healthy workplaces, where human and civil rights are respected. Each Proponent is expected to adhere to the supplier performance standards set forth in the Supplier Code of Conduct. The Ethical Purchasing Policy shall be referred to in the evaluation of Proposals, to the extent applicable.

9.2 The City's Alcohol, Controlled Drugs and Medications Policy applies to all contractors doing work on behalf of the City and can be found at <https://policy.vancouver.ca/ADMIN011.pdf> . The policy is intended to set expectations regarding the use of alcohol, medication and controlled drugs that may render an employee unfit for work, impair performance or cause risk of harm to health and safety. The successful Proponent will be required to ensure compliance with the policy by its employees when doing work for the City.

10.0 LIVING WAGE EMPLOYER – INTENTIONALLY OMITTED

11.0 CERTAIN APPLICABLE LEGISLATION

11.1 Proponents should note that the City of Vancouver is subject to the *Freedom of Information and Protection of Privacy Act* (British Columbia), which imposes significant obligations on the City's consultants or contractors to protect all personal information acquired from the City in the course of providing any service to the City.

11.2 Proponents should note that the *Income Tax Act* (Canada) requires that certain payments to non-residents be subject to tax withholding. Proponents are responsible for informing themselves regarding the requirements of the *Income Tax Act* (Canada), including the requirements to qualify for any available exemptions from withholding.

12.0 LEGAL TERMS AND CONDITIONS

12.1 The legal obligations of a Proponent that will arise upon the submission of its Proposal are stated in this Appendix 1 to the Form of Proposal. Except where expressly stated in these Legal Terms and Conditions: (i) no part of the RFP consists of an offer by the City to enter into any contractual relationship; and (ii) no part of the RFP is legally binding on the City.

POTENTIAL PROPONENTS MUST REVIEW THESE LEGAL TERMS AND CONDITIONS CAREFULLY BEFORE SUBMITTING A PROPOSAL.

PART B – SCOPE OF WORK

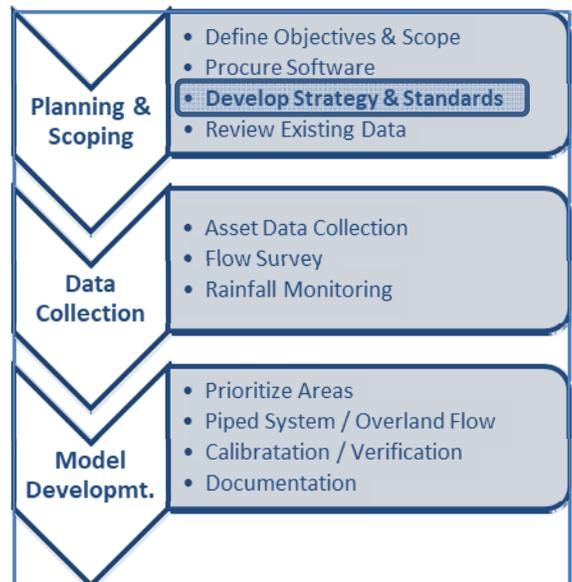
The scope of work stated in this Part B (collectively, the “Scope of Work”) IS current as of the date hereof, but may change or be refined in the course of the evaluation of Proposals or otherwise.

1.0 INTRODUCTION

- 1.1 The City of Vancouver (“City”) is seeking consulting services to develop a sewer and drainage modelling strategy and standard document as part of its Citywide Sewer and Drainage Model project. “Modelling Strategy” is intended to set the long-term strategy for the hydraulic/hydrologic modelling practice in the City of Vancouver, while the “Modelling Standard” will focus on detailed processes and procedures of developing sewer and drainage hydraulic/hydrologic models specific to the City of Vancouver such as databases, naming conventions, and modelling parameters.
- 1.2 The City’s hydrologic/hydraulic model (the ‘Model’) will be used in achieving multiple medium and long term goals including CSO mitigation, climate change adaptation, and growth planning in addition to functions such as sewer capital project selection, growth/development planning, rainwater management planning/implementation, and operational and maintenance improvement.
- 1.3 The City initiated its monitoring and modelling programs in 2018 which was then followed by adopting a “One Water” approach to urban water management in 2019.
- 1.4 For the Modelling Standard contract, the City is seeking a consultant with in-depth knowledge of our new modelling software, InfoWorks ICM, and broad experience in developing InfoWorks ICM modelling standards for municipalities.

2.0 BACKGROUND

- 2.1 In January 2019, Utility Modelling and Data Management (UMDM) branch was formed and one of its mandates is to develop a citywide sewer and drainage model. The City has adopted CIWEM’s “Code of Practice for the Hydraulic Modelling of Urban Drainage Systems” as its general modelling guideline, which was used in the development of the current model development process, as shown to the right.
- 2.2 The modelling software procurement is completed and InfoWorks ICM is the selected platform for the City of Vancouver’s citywide sewer and drainage model. Having the modelling software selected and implemented has paved the way for development of the Modelling Strategy and Standard document, which is intended to ensure a consistent sewer and drainage modelling approach and standardized model build process for the City of Vancouver.



While the “Strategy” component is envisioned to address business and strategy questions around sewer and drainage modelling in the City, the “Standard” component intends to provide a detailed modelling manual for the City that can be used both internally and by consultants to

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ensure consistency and accuracy in sewer and drainage hydraulic/hydrologic models that will be developed for the City of Vancouver.

3.0 SUMMARY OF REQUIREMENTS

The Consultant is required to complete the following major tasks and deliverables:

3.1 Modelling Standard

A detailed InfoWorks ICM sewer and drainage modelling manual including initial model setup, 1D and 2D model build and calibration, integration of 1D and 2D models, recommended model parameters, converting SWMM models to ICM and vice versa, water quality modelling, Live models, and definition of system performance criteria, all specific to City of Vancouver. The Modelling Standard is envisioned as a living document and will be updated every five years.

3.2 Pilot Model

Developing a sewer and drainage model for a pilot area concurrent to composing the Modelling Standard document. The intention is to ensure the consultant gains intimate knowledge of the City's sewer and drainage system while developing the Modelling Standard document. It is intended that by being exposed to model development challenges specific to the City of Vancouver's system will ensure applicability and efficiency of the Modelling Standard document.

3.3 Modelling Strategy (Optional Task)

Intended to provide business insight to the Council and City's senior decision makers, the Modelling Strategy document should focus on the urgency and necessity of a citywide sewer and drainage model, and provide a jurisdictional review and benchmarking of the modelling and monitoring maturity level at the City against comparable municipalities and Utilities globally. The Strategy also intends to establish a long-term strategy for the hydraulic/hydrologic modelling practice in the City of Vancouver.

4.0 WORK SCOPE

The Scope of work is the detailed in the following subsections.

4.1 Modelling Standard

The Consultant will produce a document which will provide detailed guidelines for developing and usage of hydraulic and hydrological models of sewer and drainage system in Vancouver on the InfoWorks ICM modelling software. The manual shall cover the following areas:

4.1.1 Setup and Configuration

Provide guidance on creating a new modelling project, managing modelling files, devise a setup for modelling folders, and construct a naming convention for:

- Model components, i.e. nodes, conduits, subcatchments, pump stations, dummy objects, etc.
- Model scenarios
- Final deliverables and model documentation
- Catchment groups and appropriate catchment group hierarchy
- Model groups e.g. waste water, inflow, rainfall

All recommended settings and conventions should be provided in a model template, which can be used to start new modelling projects.

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4.1.2 Data Collection, Data Flagging and Gap Analysis

- Outline and provide a structure for a library of different forms of data required for building a hydraulic/hydrologic model. Available datasets from the City include:
 - Parcel lots with land use designation, current population and service line connection.
 - Census block population with residential and job data.
 - Digital Elevation Model (DEM) and contours.
 - Flow (velocity, depth) and CSO monitoring locations and data.
 - Watercourse and flood plains.
 - Sewer asset GeoDatabase, i.e. manholes, sewers, catchbasins, outfalls, special structures, pump stations, historic flooding records, CCTV and dye testing records, survey records.
 - Rain gauge locations and data.
 - Previous studies and recent sewer improvement projects.
- Provide a standardized set of data flags to apply to model components.
- Provide a methodology for data gap handling during model development. The City modellers currently use a spreadsheet to log, track, and fill data gaps, which can be used and standardized.

4.1.3 Piped System and Green Infrastructure (1D Modelling)

(a) Hydraulics

- List and define the different node and conduit types in InfoWorks ICM along with recommendation on their hydraulic parameters.
- Provide guidance and recommend parameters for modelling special structures, such as:
 - Weirs
 - Orifices
 - Pumps
 - Culverts
 - Outfalls
 - Real-Time Control (RTC)
- Provide instructions on setting appropriate model boundary conditions using historic or existing monitoring data from the City, Metro Vancouver, and tide levels as it relates to system performance criteria (4.1.6). The City expects the Consultant to provide technical justification for their recommendations.

(b) Green Infrastructure (LID)

Provide instructions and recommended parameters for modelling a wide range of green infrastructure and initiatives including downspout disconnection, rain gardens (bioretention / bioinfiltration cells), planter boxes, bioswales, permeable pavements, green roofs, and detention ponds.

(c) Hydrology

Provide guidance and recommendation on hydrological modelling components such as runoff methodology and parameters for subcatchments, different land-use types, infiltration, and rainfall distributions.

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(d) Sanitary Flow

- Provide instruction on generating dry-weather flow in InfoWorks ICM using base flow, population and trade flow, as well as Waste Water groups.
- Provide basis, guidance, and recommended parameters on subcatchment, overlapping boundaries, and buffering to sanitary pipes. Sanitary subcatchments will have population applied based on parcel lot population data provided by the City, with a breakdown of residential and employment figures.
- Presently, the City's preferred method for wet weather flow generation in the sanitary system is the RTK method. Provide instruction on using the RTK hydrograph method in InfoWorks ICM.

(e) Calibration

- Provide a template for 1D model calibration including recommendation for calibration and validation.
- Create a list of extreme historic rainfall events to include for storm validation using the City's existing data.

4.1.4 1D-2D Integrated Modelling

The Modelling Standard shall provide detailed instructions on developing overland flow (2D) models in InfoWorks ICM, including:

- Required data and their accuracy levels (DEM, building footprints, roads, hydrological parameters, etc.)
- Integration of 1D and 2D model networks.
- 2D mesh cell sizes and numbers,
- Boundary conditions (sea-level / tide)
- Calibration and validation

4.1.5 Stormwater Quality Modelling

This section of the Modelling Standard shall provide recommendation on the appropriate approach to stormwater quality modelling in a combined sewer system as well as data requirements. The recommendations will assist the City in shaping its water quality monitoring program and the data requirements for water quality modelling in the future. A detailed stormwater quality modelling guideline is not required at this stage and will be covered in the next revision of the Modelling Standard document.

4.1.6 Performance Criteria

The City has an [Engineering Design Manual](#) which is used for designing new infrastructure, however, may occasionally be confused with performance criteria. A set of sewer system performance criteria is needed to assess the performance of existing infrastructure against and identify deficiencies and potential improvements. The Consultant shall:

- (a)** Develop a set of criteria for assessing the performance of the existing sewer system in the model for both 1D and 2D environments in conjunction with City staff. Criteria would include flow, depth, capacity, HGL, flooding volume, and velocity.

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- (b) Consider the impact of boundary conditions on system performance and incorporate them in the proposed assessment criteria.
- (c) Provide recommendation on adoption of existing documents/standards such as UK Environmental Agency's "Flood Risk to People"¹ regarding the flood hazard rating and thresholds for overland flow depth and velocity as indicators of flood hazard to the public.

4.1.7 Model Checks & Validation

Provide a list and description of model checks to be undertaken for confirming model stability and validity, such as time step log, summary of convergence failure counts, node simulation results, volume balance, reasonable peak velocity results, and checking long sections to name a few. This section should also provide recommendation on the conditions under which an existing model should be updated, or re-calibrated.

4.1.8 Model Conversion

The City has developed SWMM models for a number of urgent planning areas and intends to transfer them to InfoWorks ICM. Also, there may be occasions when the City would have to provide parts of its models to developers and consultants that do not own InfoWorks ICM licence. The City understands an "import and run" tool does not exist for converting SWMM and ICM models back and forth, however, the Modelling Standard document should include the most convenient process for converting models from PCSWMM to InfoWorks ICM and vice versa which involves the least rework on the existing models after conversion.

4.1.9 Live Modelling

It is the intent of the City to utilize the live modelling capability of InfoWorks ICM (ICM Live) in the future. One section of the Modelling Standard should be allocated to providing guidance and recommendation on different requirements for a future real-time model including hardware, software and data infrastructure. This section should also indicate the requirements for an operational model, i.e. forecasting flow/depth conditions in the system using the rain forecast. A detailed live modelling guideline is not required at this stage and will be covered in the next revision of the Modelling Standard document.

4.2 Pilot Model

Concurrent to composing the Modelling Standard document, the Consultant is required to develop a sewer and drainage model for a pilot area in the City to ensure they gain intimate knowledge of the complexities of the City's sewer and drainage system. While developing the Modelling Standard document, the Consultant's exposure to modelling challenges specific to the City of Vancouver's sewer system will ensure the Modelling Standard document covers as many issues and areas as could potentially be foreseen.

The selected pilot model area, as highlighted in red in the figure below, is located south of General Brock Park and bounded by Kingsway Avenue and Nanaimo Street on the south and east sides, respectively, with a total approximate area of 5.75 ha. It encompasses the entire

¹ http://randd.defra.gov.uk/Document.aspx?Document=FD2321_7400_PR.pdf

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Wenonah St. sewer branch to Metro Vancouver's tie-in point in General Brock Park including approximately 800 metres of combined sewer mains, 355 metres of sanitary and 355 metres of storm mains, as well as 29 maintenance holes, 93 service connections, and one Metro Vancouver tie-in chamber. The Proponents are encouraged to review this area on the City's Infrastructure Viewer using the webpage below: "<https://maps.vancouver.ca/infrastructure/>".

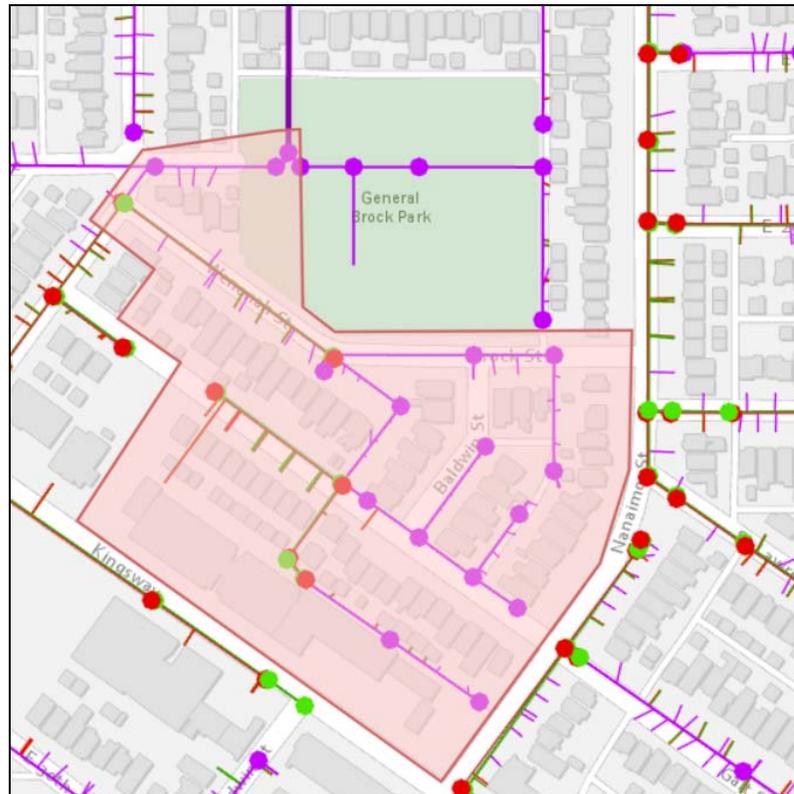


Figure 1 - Pilot Model Area

The pilot model shall be a lot-level 1D hydraulic/hydrologic model for the existing sanitary, storm, and combined systems based on the City's current GIS information (provided by the City). The model shall be detailed, i.e. all pipes and nodes, parcels and discretized road catchments, and shall accurately represent existing sewer and drainage infrastructure components in the system such as pump stations, weirs, overflows, first flush separators, gates, and green infrastructure to name a few. Boundary conditions including Metro Vancouver trunk sewers should be incorporated in the model.

Flow rates shall be calculated based on the City provided population, jobs, flow monitoring, and land use data. Rainfall and flow monitoring data and IDF curves will be also provided. Model development shall be for the existing condition only; no future scenarios are required. Model calibration is excluded from the scope.

4.2.1 1D-2D Integration (Optional Task)

Consultants should provide their methodology and fees for developing a 1D-2D integrated model for an area within the pilot model. This exercise is intended to provide adequate material for the Modelling Standard document around 1D-2D integration.

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4.3 Modelling Strategy (Optional Task)

The Consultant is required to provide their approach and associated fees for preparing a “Modelling Strategy” document covering the items outlined below. The “Modelling Strategy” is an optional task and may be awarded in the later stages of the study pending availability of funds and resources.

4.3.1 *Benchmarking*

Use the City-provided information combined with available information in the municipal and consultancy industries and develop a maturity framework for modelling and monitoring programs through a jurisdictional review and benchmark the City against comparable municipalities worldwide. The Consultant may obtain the required information through various sources including City-provided information, existing industry reports and benchmarks, and phone interviews (up to five, if needed).

4.3.2 *Resourcing*

Conduct business analysis and provide a basis and long-term strategy for resourcing of the modelling and monitoring programs. The analysis should facilitate the decision making for whether the modelling and monitoring programs should be resourced internally, outsourced, or in a hybrid format.

4.3.3 *Approach*

Provide direction on the level of details of the model that the City should develop (trunk vs. detailed models), as well as a basis and general approach for prioritization of modelling areas in the City.

4.3.4 *Digital Utility Compatibility*

Identify the modelling requirements for implementation of a digital sewer and drainage system to ensure the future citywide model is properly set up at its early stages for future transmission to a live/real-time/operational sewer and drainage model as a Digital Utility component.

4.3.5 *Data Integration*

Identify the gaps and provide input on the process of integrating the citywide sewer and drainage model with other programs and databases in the City such as asset management program, VanMap, etc.

4.3.6 *Road Map*

Provide a high-level road map for modelling and monitoring programs and identify other areas that the City may require a strategy for.

5.0 CITY PROVIDED

- At least, one Utility Modelling and Planning Engineer dedicated to this project to work closely with the consultant. Concurrent to the consultant, the City staff will develop a model for a different area in the City and provide feedback to the consultant regarding the items to be included in the Modelling Standards document;
- Links to required modelling databases;
- Existing (undocumented) performance criteria for evaluation of the sewer system;
- City of Vancouver Engineering Design Manual (2018);
- Citywide model stakeholders’ list;
- Questionnaires’ from the City’s modelling jurisdictional scan; and,

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- Access to the City’s rainfall, flow, and CSO monitoring data, if required.

6.0 DELIVERABLES

6.1 The project Deliverables will include:

- Modelling Standard Document - Chapters 1 to 4 (Task 4.1.1 to 4.1.4)
- Modelling Standard Document - Chapters 5 to 9 (Task 4.1.5 to 4.1.9)
- Pilot Model
- 1D-2D integrated Pilot Model (Optional Task)
- Modelling Strategy Document (Optional Task)

6.2 As well, the proposal should include allowance for the following meetings and workshops throughout the course of the study:

- Start-up Meeting
- Bi-weekly 30-min check-ins with the City’s Modelling and Planning Engineer
- Modelling Standard Document, presentation to stakeholders
- Modelling Strategy Document presentation to the City’s senior leadership team (needed if the Modelling Strategy task awarded)

7.0 ACCEPTANCE CRITERIA

Deliverables should be sent as draft with minimum of three (3) months for City staff to use the manual, review the documents and provide comments. The City’s Project Manager will consolidate the comments from the City’s Modelling Advisory Committee members and staff, and send to the consultant. Deliverables will be deemed approved once comments are incorporated. An acceptance letter will be issued by the Project Manager at the end of the project.

8.0 SCHEDULE

Key Milestone	Deliverable Date
Project Award and Start-up Meeting	October 2020
Modelling Standard Document - Chapters 1 to 4	March 2021
Modelling Standard Document - Chapters 5 to 9	July 2021
Pilot Model	July 2021
1D-2D Integration (Optional Task)	August 2021
Modelling Strategy Document (Optional Task)	October 2021

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PART C – FORM OF PROPOSAL

RFP No. PS20200924 - PROVISION OF SEWER DRAINAGE MODELLING STRATEGY STANDARD
(the "RFP")

Proponent's Full Legal Name: _____

"Proponent"

Address: _____

Jurisdiction of Legal Organization: _____

Key Contact Person: _____

Telephone: _____

E-mail: _____

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	_____ Date
--	---------------

Name and Title

_____ Signature of Authorized Signatory for the Proponent	_____ Date
--	---------------

Name and Title

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APPENDICES

The Form of Proposal includes the following attached Appendices:

- APPENDIX 1 Legal Terms and Conditions of RFP
- APPENDIX 2 Questionnaire
- APPENDIX 3 Commercial Proposal
- APPENDIX 4 Proponents References
- APPENDIX 5 Certificate of Insurance
- APPENDIX 6 Declaration of Supplier Code of Conduct Compliance
- APPENDIX 7 Personal Information Consent Form(s)
- APPENDIX 8 Subcontractors
- APPENDIX 9 Proposed Amendments to Form of Agreement
- APPENDIX 10 Conflicts; Collusion; Lobbying
- APPENDIX 10 Proof of WorkSafeBC Registration

APPENDIX 1
LEGAL TERMS AND CONDITIONS OF RFP

1.0 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.

2.0 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. PS20200924, as amended from time to time and including all addenda.

3.0 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 7.0, 8.2 and 10.0 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.

4.0 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

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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 hereby waives and releases the City from any and all such duties and expressly assumes the risk of all Losses arising from participating in the RFP process on this basis.

5.0 EVALUATION OF PROPOSALS

5.1 Compliance / Non-Compliance

Any proposal which contains an error, omission or misstatement, which contains qualifying conditions, which does not fully address all of the requirements or expectations of the RFP, or which otherwise fails to conform to the RFP may or may not be rejected by the City at the City's sole discretion. The City may also invite a proponent to adjust its proposal to remedy any such problem, without providing the other proponents an opportunity to amend their proposals.

5.2 Reservation of Complete Control over Process

The City reserves the right to retain complete control over the RFP and proposal processes at all times. Accordingly, the City is not legally obligated to review, consider or evaluate the proposals, or any particular proposal, and need not necessarily review, consider or evaluate the proposals, or any particular proposal, in accordance with the procedures set out in the RFP, and the City reserves the right to continue, interrupt, cease or modify its review, evaluation and negotiation processes in respect of any or all proposals at any time without further explanation or notification to any proponents.

5.3 Discussions/Negotiations

The City may, at any time prior to signing a Contract, discuss or negotiate changes to the scope of the RFP, any proposal or any proposed agreement with any one or more of the proponents without having any duty or obligation to advise the Proponent or to allow the Proponent to vary its Proposal as a result of such discussions or negotiations with other proponents or changes to the RFP or such proposals or proposed agreements, and, without limiting the general scope of Section 6.0 of this Appendix 1 Appendix 1, the City will have no liability to the Proponent as a result of such discussions, negotiations or changes.

5.4 Acceptance or Rejection of Proposals

The City has in its sole discretion, the unfettered right to: accept any proposal; reject any proposal; reject all proposals; accept a proposal which is not the lowest-price proposal; accept a proposal that deviates from the requirements of the RFP or the conditions specified in the RFP; reject a proposal even if it is the only proposal received by the City; accept all or any part of a proposal; enter into agreements respecting the subject matter of the RFP with one or more proponents; or enter into one or more agreements respecting the subject matter of the RFP with any other person at any time.

6.0 PROTECTION OF CITY AGAINST LAWSUITS

6.1 Release by the Proponent

Except only and to the extent that the City is in breach of Section 8.2 of this Appendix 1, the Proponent now releases the City, its officials, its agents and its employees from all liability for any Losses incurred in connection with the RFP or the Proposal, including any Losses in connection with:

- (a) any alleged (or judicially determined) breach by the City or its officials, agents or employees of the RFP (it being agreed that, to the best of the parties' knowledge, the City has no obligation

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or duty under the RFP which it could breach (other than wholly unanticipated obligations or duties merely alleged or actually imposed judicially));

- (b) any unintentional tort of the City or its officials or employees occurring in the course of conducting the RFP process;
- (c) the Proponent preparing and submitting the Proposal;
- (d) the City accepting or rejecting the Proposal or any other submission; or
- (e) the manner in which the City: reviews, considers, evaluates or negotiates any proposal; addresses or fails to address any proposal or proposals; resolves to enter into a Contract or not enter into a Contract or any similar agreement; or the identity of the proponent(s) or other persons, if any, with whom the City enters any agreement respecting the subject matter of the RFP.

6.2 Indemnity by the Proponent

Except only and to the extent that the City breaches Section 8.2 of this Appendix 1, the Proponent indemnifies and will protect, save and hold harmless the City, its officials, its agents and its employees from and against all Losses, in respect of any claim or threatened claim by the Proponent or any of its proposed subcontractors or agents alleging or pleading:

- (a) any alleged (or judicially determined) breach by the City or its officials or employees of the RFP (it being agreed that, to the best of the parties' knowledge, the City has no obligation or duty under the RFP which it could breach (other than wholly unanticipated obligations or duties merely alleged or actually imposed judicially));
- (b) any unintentional tort of the City or its officials or employees occurring in the course of conducting the RFP process, or
- (c) liability on any other basis related to the RFP or the proposal process.

6.3 Limitation of City Liability

In the event that, with respect to anything relating to the RFP or this proposal process (except only and to the extent that the City breaches Section 8.2 of this Appendix 1), the City or its officials, agents or employees are found to have breached (including fundamentally breached) any duty or obligation of any kind to the Proponent or its subcontractors or agents whether at law or in equity or in contract or in tort, or are found liable to the Proponent or its subcontractors or agents on any basis or legal principle of any kind, the City's liability is limited to a maximum of \$100, despite any other term or agreement to the contrary.

7.0 DISPUTE RESOLUTION

Any dispute relating in any manner to the RFP or the proposal process (except to the extent that the City breaches this Section 7.0 or Section 8.2 of this Appendix 1, and also excepting any disputes arising between the City and the Proponent under a Contract (or a similar contract between the City and a proponent other than the Proponent)) will be resolved by arbitration in accordance with the *Commercial Arbitration Act* (British Columbia), amended as follows:

- (a) The arbitrator will be selected by the City's Director of Legal Services;

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- (b) Section 6.0 of this Appendix 1 Appendix 1 will: (i) bind the City, the Proponent and the arbitrator; and (ii) survive any and all awards made by the arbitrator; and
- (c) The Proponent will bear all costs of the arbitration.

8.0 PROTECTION AND OWNERSHIP OF INFORMATION

8.1 RFP and Proposal Documents City's Property

- i. All RFP-related documents provided to the Proponent by the City remain the property of the City and must be returned to the City, or destroyed, upon request by the City.
- ii. The documentation containing the Proposal, once submitted to the City, becomes the property of the City, and the City is under no obligation to return the Proposal to the Proponent.

8.2 Proponent's Submission Confidential

Subject to the applicable provisions of the *Freedom of Information and Protection of Privacy Act* (British Columbia), other applicable legal requirements, and the City's right to publicly disclose information about or from the Proposal, including without limitation names and prices, in the course of publicly reporting to the Vancouver City Council about the RFP, the City will treat the Proposal (and the City's evaluation of it), in confidence in substantially the same manner as it treats its own confidential material and information.

8.3 All City Information Confidential

- i. The Proponent will not divulge or disclose to any third parties any non-public documents or information concerning the affairs of the City which have been or are in the future provided or communicated to the Proponent at any time (whether before, during or after the RFP process). Furthermore, the Proponent agrees that it has not and must not use or exploit any such non-public documents or information in any manner, including in submitting its Proposal.
- ii. The Proponent now irrevocably waives all rights it may have by statute, at law or in equity, to obtain any records produced or kept by the City in evaluating its Proposal (and any other submissions) and now agrees that under no circumstances will it make any application to the City or any court for disclosure of any records pertaining to the receipt, evaluation or selection of its Proposal (or any other submissions) including, without limitation, records relating only to the Proponent.

9.0 NO CONFLICT OF INTEREST / NO COLLUSION / NO LOBBYING

9.1 Declaration as to no Conflict of Interest in RFP Process

- (a) The Proponent confirms and warrants that there is no officer, director, shareholder, partner, employee or contractor of the Proponent or of any of its proposed subcontractors, or any other person related to the Proponent's or any proposed subcontractor's organization (a "person having an interest") or any spouse, business associate, friend or relative of a person having an interest who is: (i) an official or employee of the City; or (ii) related to or has any business or family relationship with an elected official or employee of the City, in each case, such that there could be any conflict of interest or any appearance of conflict of interest in the evaluation or consideration of the Proposal by the City, and, in each case, except as set out, in all material detail, in a separate section titled "Conflicts; Collusion; Lobbying" in the Proposal in accordance with the form set out in Part C - Appendix 10 APPENDIX 10.
- (b) The Proponent confirms and warrants that there is no person having an interest (as defined above) who is a former official, former employee or former contractor of the City and who has non-public information relevant to the RFP obtained during his or her employment or

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engagement by the City, except as set out, in all material detail, in a separate section titled "Conflicts; Collusion; Lobbying" in the Proposal in accordance with the form set out in Part C - Appendix 10.

9.2 Declaration as to No Conflict of Interest Respecting Proposed Supply

The Proponent confirms and warrants that neither the Proponent nor any of its proposed subcontractors is currently engaged in supplying (or is proposing to supply) goods or services to a third party such that entering into an agreement with the City in relation to the subject matter of the RFP would create a conflict of interest or the appearance of a conflict of interest between the Proponent's duties to the City and the Proponent's or its subcontractors' duties to such third party, except as set out, in all material detail, in a separate section titled "Conflicts; Collusion; Lobbying" in the Proposal in accordance with the form set out in Part C - Appendix 10 APPENDIX 10.

9.3 Declaration as to No Collusion

The Proponent confirms and warrants that:

- (a) the Proponent is not competing within the RFP process with any entity with which it is legally or financially associated or affiliated, and
- (b) the Proponent is not cooperating in any manner in relation to the RFP with any other proponent responding to the RFP,

in each case, except as set out, in all material detail, in a separate section titled "Conflicts, Collusion, Lobbying" in the Proposal in accordance with the form set out in Part C - Appendix 10.

9.4 Declaration as to No Lobbying

The Proponent confirms and warrants that:

- (a) neither it nor any officer, director, shareholder, partner, employee or agent of the Proponent or any of its proposed subcontractors is registered as a lobbyist under any lobbyist legislation in any jurisdiction in Canada or in the United States of America; and
- (b) neither it nor any officer, director, shareholder, partner, employee or agent of the Proponent or any of its proposed subcontractors has engaged in any form of political or other lobbying whatsoever with respect to the RFP or sought, other than through the submission of the Proposal, to influence the outcome of the RFP process,

in each case, except as set out, in all material detail, in a separate section titled "Conflicts, Collusion, Lobbying" in the Proposal in accordance with the form set out in Part C - Appendix 10.

10.0 GENERAL

- (a) All of the terms of this Appendix 1 Appendix 1 to this Proposal Form which by their nature require performance or fulfillment following the conclusion of the proposal process will survive the conclusion of such process and will remain legally enforceable by and against the Proponent and the City.
- (b) The legal invalidity or unenforceability of any provision of this Appendix 1 Appendix 1 will not affect the validity or enforceability of any other provision of this Appendix 1 Appendix 1, which will remain in full force and effect.
- (c) The Proponent now assumes and agrees to bear all costs and expenses incurred by the Proponent in preparing its Proposal and participating in the RFP process.

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**APPENDIX 2
QUESTIONNAIRE**

Complete this Appendix 2Appendix 2 - Questionnaire in the form set out below.

Executive Summary

In the space below, provide a brief executive summary of your Proposal.

Proponent Overview

In the space below, provide a description of the Proponent's company, number of employees, purpose and history of successes. If the head office of the Proponent is located within the City of Vancouver or if the Proponent is to perform any work at a site located within the City of Vancouver, this section should also indicate whether the Proponent has a valid City of Vancouver business license (or, if available, a Metro West Inter-municipal Business License).

Key Personnel

In the space below, identify and provide professional biographical information for the key personnel that would perform the Proponent's work, outlining their intended roles in performing the Scope of Work. If appropriate, also attach to this Form of Proposal as an additional Appendix CVs and a complete organization chart, identifying all roles and areas of responsibility.

Work Plan/ Scope of Work

In the space below (or attached to this Form of Proposal as an additional Appendix clearly titled "Work Plan"), detail the sequential process by which the Proponent proposes to undertake the work, including a timeline as necessary. The Proponent's work plan should make reference to the Scope of Work as appropriate. Describe how your Proposal is responsive to the Scope of Work.

Innovation

Notwithstanding any other provision hereof, the City welcomes Proposals respecting innovative or novel approaches to the City's objectives and requirements and may consider value-creating Proposals that derogate from the Scope of Work. In the space below, note any proposed innovative approaches to meeting the City's requirements.

Experience

In the space below, list and describe any relevant experience to this project, including experience in building models in InfoWorks ICM as well as preparing standard documents for modelling in InfoWorks ICM for municipalities.

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SOCIAL SUSTAINABILITY

SUPPLIER DIVERSITY

In the space below, indicate the vendor's company profile with regards to social value and economic inclusion including recognized certifications and/or if owned/controlled by an equity-seeking demographic (including but not limited to non-profit, cooperative, Women, Indigenous Peoples, Ethno-cultural People (minorities, newcomers, immigrants), persons with disabilities or LGBTQ2+ people).

<p>Majority owned/controlled/ by:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Women <input type="checkbox"/> Indigenous Peoples <input type="checkbox"/> Non-Profit/Charity (Social Enterprise) <input type="checkbox"/> Coop <input type="checkbox"/> Community Contribution Corporation (3C/CCC) <input type="checkbox"/> Ethno-cultural Persons <input type="checkbox"/> People with Disabilities <input type="checkbox"/> LGBTQ2+ <input type="checkbox"/> Other: please indicate <input type="checkbox"/> None of the above 	<p>Social / Diverse Certifications</p> <ul style="list-style-type: none"> <input type="checkbox"/> BCorp <input type="checkbox"/> Supplier Diversity Certification <hr/> <p>Enviro / Other Certifications</p> <ul style="list-style-type: none"> <input type="checkbox"/> BuySocial <input type="checkbox"/> Living Wage <input type="checkbox"/> Fairtrade <input type="checkbox"/> Green Business Certification (ie. LEED, ClimateSmart) <input type="checkbox"/> Other: please indicate <input type="checkbox"/> None of the above
--	--

<p>Do you have a Supplier Diversity program to include/consider equity-seeking businesses as your vendors/suppliers/sub-contractors? Y/N</p> <p>a. Please provide information on how you invest in economic development of small/social/diverse businesses as your suppliers or sub-contractors</p>

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ONLY IF Sub-Contractors expected:

What % or \$ of work from this contract will be directed to sub-contractors that identify as social/diverse based on certification and/or ownership/control by equity seeking demographic?)

Category of Social Value Businesses (Majority owned/controlled/certified by)	# of Businesses	\$/% of contract	Name of the Businesses being Sub-contracted
Indigenous Peoples			
Women			
Ethno-cultural			
People with Disabilities			
LGBTQ2+			
Non-Profit/Charity (Social Enterprise)			
3C/CCC; Coop ; BCorp			
Other			

EMPLOYMENT EQUITY & WORKFORCE DIVERSITY

1. In addition to being an equal opportunity employer, please describe any policies/programs or how you advance employee equity, diversity and inclusion for under-represented populations (such as Women, Indigenous People, People with Disabilities)

2. Do you regularly conduct an employee equity "survey" or similar information/data collection on workforce diversity? Y/N

a. Please describe how you track/monitor your workforce diversity including frequency .

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3. Do you source/hire from Workforce Development and/or Skill Training programs, including pre-employment support, apprenticeships or ongoing employment support, for people who are under-represented and/or face barriers to traditional employment (such as Indigenous persons, Women, youth, Minorities, People with Disabilities including mental health)? Y/N

--

a. Please describe and/or use the table below:

Category of Partnership Organizations	Name of the Partnership Organization(s)	# of staff (optional if makes sense)
Indigenous Peoples		
Women		
Ethno-Cultural Peoples		
People with Disabilities		
LGBTQ2+		
Youth/Seniors		
Other		

4. Do you support training for career advancement and/or skills development?
 a. If yes, please describe.

--

5. Do you compensate at or above a Living Wage (currently \$20.91/hr) Y/N
 Do you provide non-mandatory benefits (i.e. extended health) to your employees? Y/N, if yes, please describe.

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WORKFORCE DIVERSITY

Vendors' are required to answer to the following question, which is for information gathering purposes only, and will be kept confidential in accordance with the Legal Terms and Conditions.

As best known, in the space below, indicate the vendor's company profile with regards to economic inclusion supporting employment equity, [diversity, inclusion](#) and reconciliation by an equity-seeking demographic (including but not limited to Women, Indigenous Peoples, Ethno-cultural People (minorities, newcomers, immigrants), persons with disabilities or LGBTQ2+ people). *Confidential & for information only*

<p><u>Overall</u> Workforce Diversity:</p> <p style="margin-left: 20px;">% Women</p> <p style="margin-left: 20px;">% Indigenous Peoples</p> <p style="margin-left: 20px;">% Ethno-cultural People</p> <p style="margin-left: 20px;">% People with Disabilities</p> <p style="margin-left: 20px;">% LGBTQ2+</p> <p style="margin-left: 20px;">% Other: please indicate</p>	<p style="text-align: right;"><u>Leadership/Management/Executive</u> Workforce Diversity:</p> <p style="margin-left: 20px;">% Women</p> <p style="margin-left: 20px;">% Indigenous Peoples</p> <p style="margin-left: 20px;">% Ethno-cultural People</p> <p style="margin-left: 20px;">% People with Disabilities</p> <p style="margin-left: 20px;">% LGBTQ2+</p> <p style="margin-left: 20px;">% Other: please indicate</p>
<p><u>If you choose not to respond please indicate why:</u></p> <p><input type="checkbox"/> <u>Do not track this information</u></p> <p><input type="checkbox"/> <u>Do not want to share this information</u></p>	

APPENDIX 3
COMMERCIAL PROPOSAL

Complete this Commercial Proposal in the form set out as a Excel spreadsheet posted as a separate file along with this RFP on the City's website.

Proponent is to provide proposed pricing and payment terms, which should be in accordance with Part A, Section 7.0 of the RFP (as well as any other sections of the RFP imposing requirements as to pricing).

When submitting its Proposal by email, please ensure Commercial Proposal is provided as a separate file in Excel format to the entire Proposal.

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APPENDIX 4
PROPONENT'S REFERENCES

Complete this Proponents References in the form set out below with references that are relevant to the Scope of Work set out in this RFP.

Client Name # 1	
Address (City and Country)	
Contact Name	
Title of Contact	
Telephone No.	
E-mail Address	
Length of Relationship	
Type of Goods and/or Services provided to this Client	

Client Name # 2	
Address (City and Country)	
Contact Name	
Title of Contact	
Telephone No.	
E-mail Address	
Length of Relationship	
Type of Goods and/or Services provided to this Client	

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Client Name # 3	
Address (City and Country)	
Contact Name	
Title of Contact	
Telephone No.	
E-mail Address	
Length of Relationship	
Type of Goods and/or Services provided to this Client	

APPENDIX 5
CERTIFICATE OF INSURANCE

This Appendix is to be duly completed and signed by the Proponent's insurance agent or broker as evidence of its existing insurance, along with a letter from its insurance broker or agent indicating whether or not (and, if not, then to what extent) it will be able to comply with the insurance requirements set out in the Form of Agreement, should the Proponent be selected as a successful Proponent. (Any successful Proponent will also be required to provide proof of the satisfaction of all insurance requirements prior to or concurrently with the City entering into any Agreement.)

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**APPENDIX 5 - CERTIFICATE OF EXISTING INSURANCE
 TO BE COMPLETED AND APPENDED TO THE PROPOSAL**

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, 453 W 12th Avenue, Vancouver, BC, V5Y 1V4
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)*

BUSINESS TRADE NAME or DOING BUSINESS AS _____

BUSINESS ADDRESS _____

DESCRIPTION OF OPERATION _____

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)**

Including the following extensions:	INSURER _____	
√ Personal Injury	POLICY NUMBER _____	
√ Property Damage including Loss of Use	POLICY PERIOD From _____ to _____	
√ Products and Completed Operations	Limits of Liability (Bodily Injury and Property Damage Inclusive) -	
√ Cross Liability or Severability of Interest	Per Occurrence \$	_____
√ Employees as Additional Insureds	Aggregate \$	_____
√ Blanket Contractual Liability	All Risk Tenants' Legal Liability \$	_____
√ Non-Owned Auto Liability	Deductible Per Occurrence \$	_____

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 _____	Per Occurrence/Claim \$ _____
POLICY NUMBER _____	Aggregate \$ _____
POLICY PERIOD From _____ to _____	Deductible Per Occurrence/Claim \$ _____

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

8. **OTHER INSURANCE** **Limits of Liability**

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

Dated _____

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

REQUEST FOR PROPOSALS NO. PS20200924
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APPENDIX 6
DECLARATION OF SUPPLIER CODE OF CONDUCT COMPLIANCE

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

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) <<https://policy.vancouver.ca/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 _____ (*vendor name*), I declare that I have reviewed the SCC and to the best of my knowledge, _____ (*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 _____ (*vendor name*).

Signature: _____

Name and Title: _____

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APPENDIX 7
PERSONAL INFORMATION CONSENT FORM(S)

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

PERSONAL INFORMATION CONSENT FORM

Reference #PS20200924

Title: **PROVISION OF SEWER AND DRAINAGE MODELLING STRATEGY AND STANDARD**

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

_____ (Print Name)

consent to the indirect collection from _____

_____ (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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**APPENDIX 8
 SUBCONTRACTORS**

Complete this Appendix 8 - Subcontractors in the form set out below by listing all of the subcontractors that the Proponent proposes to use in carrying out its work under an Agreement, 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		
Subcontractor		
Contact (name, title, email, telephone no.)		
Approximate Percent of the Work to be Subcontracted		
Social Value Business - shall mean a business that has a recognized environmental or social certification and/or is majority owned/controlled by an equity-seeking demographic (including but not limited to non-profit, cooperative, Women, Indigenous Peoples, Ethno-cultural People (minorities, newcomers, immigrants), persons with disabilities or LGBTQ+ people).	In the space below, detail the Proponent’s proposed use of Social Value Businesses as sub-contractors/consultants (if any) and provide brief company profiles of those Social Value Businesses and descriptions of how they qualify as Social Value Businesses.	
The Subcontractor’s Relevant Experience (identify at least three similar projects within the last five years, including the client)	1. Project Name:	
	Client:	
	Nature of Work:	
	Value:	

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	Client Contact:	
	2. Project Name:	
	Client:	
	Nature of Work:	
	Value:	
	Client Contact:	
	3. Project Name:	
	Client:	
	Nature of Work:	
	Value:	
	Client Contact:	

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APPENDIX 10
CONFLICTS; COLLUSION; LOBBYING

Complete this- Conflicts; Collusion; Lobbying in the form set out below by setting out any exceptions to the declarations in Section 9.0 of the Legal Terms and Conditions attached as Appendix 1 to this Part C - 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)	
Exceptions to Declaration as to No Conflict of Interest Respecting Proposed Supply (Section 9.2 of Legal Terms and Conditions)	
Exceptions to Declaration as to No Collusion (Section 9.3 of Legal Terms and Conditions)	
Exceptions to Declarations as to No Lobbying (Section 9.4 of Legal Terms and Conditions)	

APPENDIX 11
PROOF OF WORKSAFEBC REGISTRATION

Attached as Appendix 11 to this Form of Proposal proof of valid WorkSafeBC registration.

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PART D - FORM OF AGREEMENT

PART D
FORM OF AGREEMENT

As Attached.



PROFESSIONAL SERVICES AGREEMENT

REQUEST FOR PROPOSAL ("RFP") PS20200924 PROVISION OF SEWER DRAINAGE MODELLING STRATEGY STANDARD

THIS AGREEMENT is made as of the [day] day of [month/year] (the "Effective Date")

BETWEEN:

CITY OF VANCOUVER
453 West 12th Avenue
Vancouver, British Columbia
V5Y 1V4

(the "City")

OF THE FIRST PART

AND:

[CONSULTANT NAME]
[address]

(the "Consultant")

OF THE SECOND PART

(the City and the Consultant are hereinafter sometimes referred to individually as "Party" and collectively as "Parties")

BACKGROUND:

- A. The City requires the professional services described herein, and desires to engage the Consultant to perform said services.
- B. The Consultant has agreed to perform the said services in accordance with the terms and conditions of this Agreement.

NOW THEREFORE, in consideration of the mutual covenants and promises made by the Parties and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties hereby agree as follows:

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1.0 INTERPRETATION

1.1 In this Agreement, including the recitals, schedules and appendices to this Agreement, the following words and terms, unless the context otherwise requires, shall have the meanings set out below:

- (a) **"Agreement"** means this Professional Services Agreement inclusive of all schedules, appendices, exhibits or other documents attached hereto or incorporated herein by reference, as amended from time to time;
- (b) **"Applicable Laws"** means all statutes, regulations, by-laws, codes, rules, notices, orders, directives, standards and requirements of every competent federal, provincial, regional, municipal and other statutory authority applicable to the Consultant, any Sub-contractor and the Services, including the Vancouver Building By-law, the British Columbia Building Code, and the British Columbia Fire Code, all as may be in force from time to time;
- (c) **"City's Site"** means any land and/or premises owned by the City on which or in respect of which the Services are performed by the Consultant;
- (d) **"City's Project Manager"** means the City's employee, or his/her delegate, who is authorized in writing to deal with the Consultant on behalf of the City in connection with the Services, or to make decisions in connection with this Agreement;
- (e) **"Confidential Information"** has the meaning set out in Section 15.1
- (f) **"Contract Document"** refers to each of the individual documents composing the Agreement, including this Professional Services Agreement (exclusive of the documents attached hereto or incorporated herein by reference) and each schedule, appendix, exhibit or other document attached to this Professional Services Agreement or incorporated into the Agreement by reference;
- (g) **"Deliverables"** has the meaning set out in Section 17.1;
- (h) **"GST"** means the tax payable and imposed pursuant to Part IX of the Excise Tax Act (Canada), as amended or replaced from time to time;
- (i) **"Project Team"** has the meaning set out in subsection 2.2(c);
- (j) **"Proposal"** means the proposal submitted by the Consultant in response to the RFP, a copy of which is attached hereto, or incorporated by reference herein by operation of, Appendix B;
- (a) **"PST"** means the provincial sales tax payable and imposed pursuant to the *Provincial Sales Tax Act* (British Columbia), as amended or replaced from time to time;
- (k) **"RFP"** means Request for Proposal RFP PS20200438 - **Provision of Sewer Drainage Modelling Strategy Standard**, together with all addenda and questions and answers attached hereto, or incorporated by reference herein by operation of, Appendix C;
- (l) **"Services"** has the meaning set out in Section 2.1;
- (m) **"Sub-contractor"** has the meaning set out in Section 4.1; and

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- (n) "Term" means the term of this Agreement as specified in Section 12.1.
- 1.2 The Contract Documents are complementary and what is called for by any one will be as binding as if called for by all. In the event of any conflict or inconsistency between or among any of the Contract Documents, the Contract Documents will be interpreted in the following order of priority, from highest to lowest:
- (a) this Agreement, excluding Appendices B and C;
 - (b) the RFP; and
 - (c) the Proposal.
- 1.3 In this Agreement, including the recitals, schedules and appendices to this Agreement, except as expressly stated to the contrary or the context otherwise requires:
- (a) the recitals and headings to sections, schedules and appendices are for convenience and reference only and will not affect the interpretation of this Agreement;
 - (b) the terms "this Agreement", "hereof", "herein", "hereunder" and similar expressions refer, unless otherwise specified or the context otherwise requires, to this Agreement taken as a whole (including any and all attached schedules and appendices) and not to any particular section, subsection or other subdivision;
 - (c) each reference to a statute is deemed to be a reference to that statute and any successor statute, and to any regulations, rules, policies and criteria made under that statute and any successor statute, each as amended or re-enacted from time to time;
 - (d) each reference to a rule, guideline, policy, regulation or directive is deemed to be a reference to any successor or replacement of such rule, guideline, policy, regulation or directive;
 - (e) words importing the singular include the plural and vice versa and words importing gender include all genders;
 - (f) references to time of day or date mean the local date or time in Vancouver, British Columbia;
 - (g) all references to money mean lawful currency of Canada;
 - (h) the word "written" includes printed, typewritten, faxed, e-mailed or otherwise capable of being visibly reproduced at the point of reception and "in writing" has a corresponding meaning; and
 - (i) the words "include" and "including" are to be construed as meaning "including, without limitation".
- 2.0 CONSULTANT'S SERVICES TO THE CITY**
- 2.1 The Consultant will provide and be fully responsible for the following services (the "Services"):
- (a) the services described in the RFP;
 - (b) the services which the Consultant proposed to provide in the Proposal; and

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- (c) all services not specifically included in subsections 2.1(a) and 2.1(b), but which are necessary or incidental to the completion of such other Services.
- 2.2 The Consultant will be fully responsible for:
- (a) coordinating the Services with the City's Project Manager, or his/her delegate, and ensuring that the performance of the Services does not adversely impact any design or construction schedule for any project or work and/or services provided by the City's other consultants, in each case to which the Services relate;
 - (b) taking all steps required in placing, effecting and maintaining insurance and providing evidence of insurance as set out in Appendix A - Insurance Requirements; and
 - (c) maintaining and supervising its employees and Sub-contractors (the "Project Team") described in Section 3.1.
- 2.3 The Consultant represents and warrants to the City that the Consultant possesses the necessary skills, knowledge, qualifications and experience to perform the Services to the reasonable satisfaction of the City.
- 2.4 The Consultant will perform the Services:
- (a) with that degree of care, skill and diligence normally applied in the performance of services of a similar nature and magnitude to those contemplated by this Agreement at the time and place the Services are rendered;
 - (b) in accordance with sound current professional practices and design standards; and
 - (c) in conformity with any and all Applicable Laws.
- 2.5 The Consultant will commence the Services promptly and will use every reasonable effort to carry out the Services in accordance with:
- (a) the requirements and appendices of this Agreement, or
 - (b) where no date is specified for the provision of any component of the Services by this Agreement, such completion dates as are reasonably specified from time to time by the City.
- 2.6 The Consultant will not permit, do or cause anything to be done at any time which could allow any lien, certificate of pending litigation, judgment or certificate of any court or any mortgage charge, conditional sale agreement, personal property security interest or encumbrance of any nature to be imposed or to remain on title to the City's Site or any other City property.
- 3.0 PROJECT TEAM**
- 3.1 Subject to Section 3.2, the Consultant will utilize only the Project Team members noted in the Proposal.
- 3.2 Except for substitutions required by circumstances not within its reasonable control, the Consultant may not make substitutions of Project Team members without the prior written consent of the City, which consent will not be unreasonably withheld, delayed or conditioned.
- 3.3 For the purposes of this Section 3, "substitutions required by circumstances not within its reasonable control" means substitutions required by virtue of illness, death, injury, pregnancy,

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medical leave, or termination of employment or contract, but expressly excludes situations where the Project Team member is called upon to perform services for another client of the Consultant, its Sub-contractor or their affiliates.

- 3.4 The City may, with stated reasons and acting reasonably, request that the Consultant replace a Project Team member. The Consultant will, subject to scheduling and staffing considerations, make commercially reasonable efforts to replace the individual with someone of substantially similar competency and experience.
- 3.5 Regardless of whether or not the City consents to a substitution, or requests a substitution, the City will not be liable to pay additional compensation to the Consultant for any replacement Project Team member.

3A SUB-CONTRACTORS

- 3.6 Unless expressly permitted pursuant to Section 3.0, the Consultant may not engage any contractor or consultant (in each case a "Sub-contractor") for the performance of any part of the Services, unless the Consultant has first obtained the written consent of the City, which consent may be arbitrarily withheld.
- 3.7 The Consultant will administer, coordinate, and manage all Services provided by any Sub-contractors, and will assume full responsibility to the City for all work performed by the Sub-contractors in relation to the Services and will pay all fees and disbursements of all Sub-contractors, subject to reimbursement by the City where the City has expressly agreed in this Agreement that such reimbursement is to be separate from and additional to the fees and disbursements payable to the Consultant.
- 3.8 Where a Sub-contractor is used by the Consultant under this Agreement, the Consultant will legally bind the Sub-contractor to comply with this Agreement.
- 3.9 Nothing in this Agreement will create any contractual relationship between a Sub-contractor and the City.

4.0 BASIS OF PAYMENT TO THE CONSULTANT

- 4.1 In consideration of the Services performed by the Consultant to the satisfaction of the City and in strict conformity with the terms hereof, the City will pay the Consultant the fees and reimbursable expenses prescribed herein, plus GST and PST as applicable to the sale made to the City hereunder.
- 4.2 The fees for the Services are described in this Section 5.0 and in [Reference each relevant section of the Proposal or other schedule to this Agreement and ensure there are no inconsistencies.]. [Subject to Section 4.3, payment to the Consultant will be based on hours worked by employees of the Consultant or by the Sub-contractors multiplied by the applicable hourly charge-out rates stated in the Proposal.][Modify or delete if the foregoing is not accurate.]
- 4.3 If there are maximum, lump sum or other limiting amounts for fees or disbursements indicated herein for the Services or for portions thereof, then notwithstanding anything to the contrary in this Agreement the maximum fees or disbursements to be paid by the City to the Consultant for the Services or such portions of the Services will not exceed those stated amounts, except as mutually agreed in writing. Any limit on the fees or disbursements to be paid by the City to the Consultant will in no way diminish the duties and obligations of the Consultant to provide the Services covered by this Agreement.

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- 4.4 [Notwithstanding anything to the contrary contained in this Agreement, save as otherwise mutually agreed in writing subsequent to the date hereof (or pursuant to Section 6.0), the total professional fees payable to the Consultant for the Services (not including GST AND PST or disbursements) will not exceed \$[insert amount].] [Delete this section if inapplicable.]
- 4.5 [Notwithstanding anything to the contrary contained in this Agreement, save as otherwise mutually agreed in writing subsequent to the date hereof (or pursuant to Section 6.0), the total disbursements for which the City will reimburse the Consultant in respect of the Services will not exceed \$[insert amount] (the "Fixed Disbursement Amount")][Delete this section if inapplicable.].
- 4.6 [Notwithstanding anything to the contrary contained in this Agreement, save as otherwise mutually agreed in writing subsequent to the date hereof (or pursuant to Section 6.0), the maximum liability of the City hereunder (the "Maximum Fees and Disbursements") will be \$[insert amount], plus GST and PST as applicable to the sale made to the City hereunder] [Delete this section if inapplicable.].
- 4.7 Subject to any "Fixed Disbursement Amount" defined herein, or any other limit on disbursements stated herein, the City will reimburse the Consultant for disbursements reasonably incurred by the Consultant in the performance of the Services. Reimbursement of these expenses by the City will be at actual cost without any addition for overhead or profit. [NTD: If there are specific monetary limits for specific categories of disbursements, then modify accordingly.]
- 4.8 If the Consultant has engaged Sub-contractors, then the Consultant will make full payment to said Sub-contractors for work performed in relation to the Services. [Subject to any "Fixed Disbursement Amount" defined herein, or any other limit on disbursements stated herein, the City will reimburse the Consultant for payments made to Sub-contractors at amounts equal to such actual payments without any additions for overhead and profit to the Consultant.] [Include only if applicable.]
- 4.9 The Consultant will, by the 25th day of each month, provide to the City's Project Manager a draft invoice with an attached detailed account of all charges to be claimed by the Consultant for the preceding month (if any). The City's Project Manager shall review the draft, raise any concerns with the Consultant within ten working days and, after settlement of any issues (in the City's Project Manager's discretion), approve the draft invoice. The Consultant, if so requested, will meet with the City's Project Manager to expedite and settle of the draft invoice. The Consultant will submit its final invoice, as per the approved draft invoice, to the City of Vancouver, Attention: Accounts Payable, by email to APInvoice@vancouver.ca. The invoice must contain:
- (a) the Consultant's name, address and telephone number;
 - (b) the City purchase order number;
 - (c) the invoice workflow person;
 - (d) the name of the City's Project Manager;
 - (e) the invoice number and date;
 - (f) details of any applicable taxes (with each tax shown separately); and
 - (g) tax registration number(s).

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- 4.10 If the City does not approve of or wishes to further review, audit or otherwise seek clarification concerning any of the Consultant's invoices, for whatever reason, the City will not be liable for interest charges in respect of that invoice for the period from the date the invoice is submitted until the date that the invoice is paid, provided however, the City will use reasonable efforts to have the review, audit or clarification resolved within a 60 day period. The City will, if it approves the amount of such invoice, cause the respective invoice to be paid within 30 days of approval by electronic funds transfer to the bank account indicated by the Consultant.
- 4.11 The Consultant will keep proper accounts and records of all costs and expenditures forming the basis of any billing to the City, including but not limited to hours worked, details of all disbursements and percentage amounts of work completed. The City will be entitled to verify the accuracy and validity of all billings and payments made by auditing and taking extracts from the books and records of the Consultant and by such other means as will be reasonably necessary or advisable.
- 4.12 The Consultant shall provide bank account information to the City to enable the City to make payments by electronic funds transfer, as contemplated hereby.
- 5.0 CHANGES TO SCOPE OF SERVICES**
- 5.1 The City's Project Manager may, from time to time and at any time on prior written notice to the Consultant, vary the scope of Services to be provided by the Consultant. In that case and where this Agreement contains delivery dates and/or limits as to fees or disbursements (or a defined "Maximum Fees and Disbursements") for all or any part of the Services, such delivery dates and/or limits will be adjusted as agreed to by both Parties in writing, and failing agreement, as reasonably determined by the City's Project Manager.
- 5.2 Should the Consultant consider that any request or instruction from the City's Project Manager constitutes a change in the scope of Services, the Consultant will provide the City's Project Manager with notice in writing within ten days of such request or instruction. If the Consultant does not deliver written notice to the City within the time period specified, the City will not be obligated to make any payments of additional fees, disbursements or out of pocket expenses to the Consultant.
- 5.3 The City's Project Manager will consider the Consultant's written notice (if any) within a further ten days of receipt of the Consultant's notice and determine and advise as to whether the request constitutes a change in the scope of the Services and, if necessary, the method by which the variation will be scoped and reimbursed. [If the City determines that the professional fees payable to the Consultant should be increased due to an increase in the scope of the Services then any such increases will be based on the hourly rates set out in Section [insert] of the Proposal.][Delete if inapplicable.]
- 6.0 RELEASE AND INDEMNIFICATION**
- 6.1 The Consultant now releases the City, its officials, officers, employees and agents from all costs, losses, damages and expenses, including those caused by personal injury, death, property damage, loss and economic loss arising out of, suffered or experienced by the Consultant, its Sub-contractors, and their respective officers, employees and agents in connection with their performance of the Services under this Agreement.
- 6.2 In undertaking the Services, the Consultant acknowledges that the Consultant has inspected the City's Site, agrees to accept the City's Site "as-is" and undertakes to take all precautions necessary to ensure the safety of all persons employed or contracted by the Consultant to perform the Services.

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- 6.3 Despite any insurance coverage of the City, the Consultant hereby agrees to indemnify and save harmless the City of Vancouver and its successors, assigns, officials, employees, agents and authorized representatives and each of them (in each case an "Indemnified Party") from and against all costs, losses, claims, damages, actions, and causes of actions (collectively referred to as "Claims") that an Indemnified Party may sustain, incur, suffer or be put to at any time either before or after the expiration or termination of this Agreement, that arise out of errors, omissions or negligent acts of the Consultant, its Sub-contractors, or their respective officers, employees or agents under this Agreement excepting always that this indemnity does not apply to the extent, if any, to which the Claims are caused by errors, omissions or negligent acts of an Indemnified Party.
- 6.4 This indemnity will not affect or prejudice the City from exercising any other rights that may be available to it at law or in equity.
- 6.5 The release and indemnity set out above will survive the expiry or sooner termination of this Agreement.
- 7.0 INSURANCE**
- 7.1 The Consultant will comply with the insurance requirements set out in Appendix A - Insurance Requirements.
- 8.0 WORKSAFEBC**
- 8.1 The Consultant agrees that it will procure and carry and pay for, full WorkSafeBC coverage for itself and all workers, employees, servants and others engaged in or upon any work or service which is the subject of this Agreement. The Consultant agrees that the City has the unfettered right to set off the amount of the unpaid premiums and assessments for such WorkSafeBC coverage against any monies owing by the City to the Consultant. The City will have the right to withhold payment under this Agreement until the WorkSafeBC premiums, assessments or penalties in respect of work done or service performed in fulfilling this Agreement have been paid in full.
- 8.2 The Consultant will provide the City with the Consultant's and each Sub-contractor's WorkSafeBC registration number and clearance letters from WorkSafeBC confirming that the Consultant and each Sub-contractor are registered in good standing with WorkSafeBC and that all assessments have been paid to the date thereof prior to the City having any obligation to pay monies under this Agreement. The Consultant will indemnify the City and hold harmless the City from all manner of claims, demands, costs, losses, penalties and proceedings arising out of or in any way related to unpaid WorkSafeBC assessments owing from any person or corporation engaged by the Consultant in the performance of this Agreement or arising out of or in any way related to the failure to observe safety rules, regulations and practices of WorkSafeBC, including penalties levied by WorkSafeBC.
- 8.3 Whenever the Consultant is required or permitted to perform any Services on any City sites, the Consultant is now appointed and now accepts appointment as the "prime contractor" (as defined in the WorkSafeBC regulations) in connection with such Services.
- 9.0 CITY INFORMATION/APPROVALS**
- 9.1 No reviews, approvals or inspections carried out or information supplied by the City will derogate from the duties and obligations of the Consultant (with respect to designs, reviews, inspections, approvals or otherwise), and all responsibility related to the Services will be and remain with the Consultant. For greater certainty, any information provided by the City to the Consultant, whether under the RFP or under this Agreement, including any studies, reports,

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plans, drawings, or specifications, is provided to the Consultant for information purposes only and may not be relied upon by the Consultant.

10.0 COMMUNICATION BETWEEN CONSULTANT AND CITY

10.1 The City appoints [insert name] [email address] as the City's Project Manager for the purposes of this Agreement.

In the event of the revocation in writing of [insert name]'s appointment as the City's Project Manager by the City, [insert name] will have no further authority under this Agreement, except as may be specifically designated in writing by the City and agreed to in writing by [insert name], and all references to the City's Project Manager in this Agreement will thereafter be deemed to be a reference to the City or to such other person designated in writing by the City to the Consultant.

The City's Project Manager may from time to time delegate to a representative the performance of or the authority to perform the duties, responsibilities, rights and obligations of the City in respect of which the City's Project Manager has been designated and appointed its sole and exclusive agent.

10.2 The Consultant appoints [insert name] [email address] as its representative for the purposes of this Agreement (the "Consultant's Project Manager").

10.3 Unless otherwise agreed to in writing by the Parties, all material communication between the Consultant and the City regarding this Agreement, including performance of the Services, will be between the City's Project Manager and the Consultant's Project Manager.

11.0 TERM OF AGREEMENT

11.1 This Agreement will commence on the Effective Date and will expire on the completion of the Services, the City will have the option to extend two (2) additional 4 year terms for a total of nine (9) years (the "Term").

[Note: If specific phases must be completed by specific dates then insert a more detailed timetable or reference timetable in a schedule and refer to it here.]

12.0 TERMINATION

12.1 The City at any time, in its sole judgment, may, whether or not cause exists, terminate the services of the Consultant in whole or in part by giving ten days' prior written notice to the Consultant. If termination is not for cause, the Consultant will be paid for all Services properly performed to the date of the delivery of the said notice (subject to the terms of this Agreement) plus all necessary and reasonable wind-up costs incurred, if any, in closing out the Services or the part terminated.

12.2 Despite Section 13.1, in no event and under no circumstances will the Consultant's "necessary and reasonable wind-up costs incurred" pursuant to Section 13.1).

13.0 ASSIGNMENT

13.1 The Consultant will not assign this Agreement in whole or in part except with the prior written consent of the City, which consent will not be unreasonably withheld, delayed or conditioned. Any attempt to assign this Agreement without such consent will be void and of no effect. However, the Consultant will be permitted to assign this Agreement to any entity into, by or with which the business or assets of the Consultant have been merged, acquired, consolidated

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or re-organized, or any entity which purchases all or substantially all of the business or assets of the Consultant, provided always that the Consultant first provides the City with:

- (a) reasonable particulars of the transaction (permitting the City to independently verify the nature of the transaction); and
- (b) a legally enforceable covenant from the new entity confirming that it is legally bound to the City to perform this Agreement.

14.0 CONFIDENTIALITY

14.1 In the course of or for the purpose of performing the Services, the Consultant will obtain or have access to information, including but not limited to technical information, financial information and business information, which is confidential to the City, and is the exclusive, world-wide property of the City and/or its suppliers and customers (collectively "**Confidential Information**"). Excluded from the definition of Confidential Information is:

- (a) information which is in, or becomes part of, the public domain, not due to the Consultant's breach of this Agreement or the Consultant's actions;
- (b) information which was previously in the Consultant's possession and did not originate from the City; and
- (c) information which lawfully becomes available to the Consultant from a third party not under an obligation of confidence to the City regarding such information.

14.2 The Consultant will not use or reproduce the Confidential Information other than as reasonably required for the performance of the Services under this Agreement. The Consultant will not, without the prior written consent of the City given on such terms and conditions as it prescribes in its sole discretion, disclose or allow access to the Confidential Information to any person, except to only those of its own employees who have a need to know the Confidential Information solely for the provision of the Services, and who have been advised of its confidential nature and have agreed to be bound by the confidentiality and use-restriction provisions in this Section 15.0. The Consultant will take all reasonable precautions against the Confidential Information being used by or disclosed to any unauthorized person.

14.3 If the Consultant is required by any law, legal proceeding, or court or government order, to disclose any Confidential Information, the Consultant shall limit its disclosure of such Confidential Information to the extent and purpose legally required, provided that prior to any disclosure the Consultant will promptly notify the City in writing of the existence and the terms, and conditions of the required disclosure and, at the City's request and expense, co-operate in obtaining a protective order or other assurance that confidential treatment and restrictions on use will be accorded such Confidential Information.

14.4 The City is subject to the *Freedom of Information and Protection of Privacy Act* (British Columbia), which imposes significant obligations on the City's contractors to protect all personal information acquired from the City in the course of providing services to the City. The Consultant confirms and acknowledges its obligations to comply with all obligations imposed on it pursuant to the *Freedom of Information and Protection of Privacy Act* (British Columbia) with respect to all personal information received from the City whether as part of the Confidential Information or otherwise.

14.5 The Consultant acknowledges that in the event of a breach by the Consultant or any of its employees of their respective confidentiality obligations pursuant to this Section 15.0, damages alone would not be an adequate remedy. The Consultant therefore agrees with the City that,

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in addition to and without limiting any other right or remedy it may have, the City will have the right to an immediate injunction or other available equitable relief in any court of competent jurisdiction enjoining any threatened or actual breach of such obligations.

14.6 The Consultant shall return all copies of the Confidential Information to the City, in all tangible forms and media, and delete all Confidential Information resident in any databases or systems, upon the earliest of the following dates:

- (a) completion of the Services;
- (b) expiration or earlier termination of this Agreement; and
- (c) written request of the City for return of the Confidential Information;

provided that the Consultant shall have the right to retain one copy of the Confidential Information solely for archival purposes or as otherwise may be required by law, subject to its ongoing confidentiality and restricted use obligations.

14.7 This Section 15.0 shall survive the expiration or earlier termination of this Agreement.

15.0 NO PROMOTION OF RELATIONSHIP

15.1 The Consultant will not disclose or promote its relationship with the City, including by means of any verbal declarations, announcements, sales, marketing or other literature, letters, client lists, websites, internet domain names, press releases, brochures or other written materials (the "Communications") without the express prior written consent of the City (except as may be necessary for the Consultant to perform its obligations under this Agreement).

15.2 Furthermore, the Consultant undertakes and will cause all of its Sub-contractors to undertake not to disclose or promote its relationship with the City in any Communications in a manner which could suggest or create an association, express or implied, between the Consultant and the City. Without limiting the generality of the foregoing, the Consultant will not refer to or use any website, domain name, official emblem, logo or mascot of the City of Vancouver in any Communications, without the express prior written consent of the City.

16.0 DELIVERABLES

16.1 As a result of or as part of providing the Services, the Consultant may receive, create, produce, acquire or collect one or more of the following:

- (a) products, goods, equipment, supplies, models, prototypes and other materials;
- (b) information and data;
- (c) reports, drawings, plans, designs, depictions, specifications and other documentation; and
- (d) any other items identified in this Agreement as deliverables;

(collectively, the "Deliverables").

16.2 Deliverables are deemed not to include:

- (a) any item not required to be produced by the Consultant or supplied to the City as part of or together with the Services, provided that if the City has paid or is liable to pay for

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- any portion of such item's creation, production, acquisition or collection then such item shall be deemed to be a Deliverable;
- (b) any item produced as a result of the Services, which is specified in this Agreement as being excluded from the Deliverables category; and
 - (c) any item which pre-existed the effective date of this Agreement, that is owned by a third party or that is used by the Consultant as part of the services provided to any of its other customers (the "Pre-Existing Materials").
- 16.3 All Deliverables will be owned solely by the City unless otherwise expressly provided herein. The City shall have the complete and unfettered right to use and deal with the Deliverables for its own benefit in any way it sees fit without limitation, and without accounting in any way to the Consultant.
- 16.4 The Consultant will keep accurate records and provide regular reports to the City about the Deliverables as they are created or acquired, and grant to the City access to the Deliverables at all times on reasonable notice. The Consultant will treat each Deliverable as subject to the confidentiality provisions set out in Section 15.0 unless advised otherwise by the City.
- 16.5 Each Deliverable, as to the whole or that portion of the Deliverable then existing, will be delivered by the Consultant to the City on the earliest of each of the following events:
- (a) the date specified in this Agreement for the delivery of such Deliverable;
 - (b) immediately on the date of expiration or sooner termination of this Agreement; or
 - (c) the date specified by written notice of the City requesting delivery of all or any part of the Deliverable.
- 16.6 The Consultant transfers to the City, free of all liens and encumbrances, ownership of each Deliverable, and assigns all of its world-wide present and future rights, title and interest in and to each Deliverable, including copyright, effective as of the date of creation or acquisition of such Deliverable by the Consultant. The Consultant irrevocably waives, in favour of the City, all moral rights in the Deliverables. The Consultant will obtain from its employees and any independent contractors, all required assignments and releases of intellectual property, and waivers of moral rights, in the Deliverables. The Consultant will not assert any rights to or interests in, or apply for or register any copyright or other rights or interests in, the Deliverables, or assist any other person in doing so. The Consultant shall provide to the City, during and after the term of this Agreement, any reasonable assistance required for the City to obtain, perfect and enforce its ownership of and rights in the Deliverables, including without limitation execution of assignments and transfers of the Deliverables. This Section does not apply to Pre-Existing Materials.
- 16.7 The Consultant will not incorporate any Pre-Existing Materials in any Deliverable without first:
- (a) advising the City, in writing, of the nature of the Pre-Existing Materials and their proposed use and obtaining the City's written consent to do so;
 - (b) acquiring from each third-party owner of such Pre-Existing Materials, a fully paid-up, perpetual, non-exclusive license, in writing, for the City to use the Pre-Existing Materials as part of the Deliverable; and

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- (c) granting, in writing, to the City with respect to such Pre-Existing Materials that the Consultant owns, a fully paid-up, perpetual, non-exclusive license to use the Pre-Existing Materials as part of the Deliverable.
- 16.8 The Consultant represents and warrants that the Deliverables will not infringe, misappropriate or misuse any copyright, patent, trade-mark, trade secret, or confidential or proprietary information of a third party. The Consultant shall defend, indemnify and hold the City harmless from and against any and all damage, liability, cost and expense incurred by the City in connection with any claim by a third party that a Deliverable infringed, misappropriated or misused its copyright, patent, trade-mark, trade secret, or confidential or proprietary information.
- 17.0 NOTICES**
- 17.1 Any notice required or permitted to be given to the Consultant will be sufficiently given if delivered in writing by the City's Project Manager to the Consultant's Project Manager personally or, if mailed, by registered mail to the last known address of the Consultant.
- 17.2 Any notice required or permitted to be given to the City will be sufficiently given if delivered in writing by the Consultant's Project Manager to the City's Project Manager personally or, if mailed, by registered mail to City of Vancouver at 453 West 12th Avenue, Vancouver, B.C., V5Y 1V4 (addressed to the attention of the City's Project Manager).
- 18.0 NO CONFLICT OF INTEREST**
- 18.1 The Consultant agrees that during the Term the Consultant will not engage in any conduct which would or might put the interests of the City into conflict with the interests of any other person, whether or not a client of the Consultant's. Without limiting the general scope of this Section 19.1 and by way of example only, the Consultant is prohibited from and will not provide any services which assist or could be seen to be assisting any person in responding to a request for proposal or invitation to tender, or otherwise giving that person an unfair competitive advantage over other proponents or tenderers responding to a request for proposal or invitation to tender by the City. The Consultant now acknowledges that a breach of this Section 19.1 could constitute not only a breach of this Agreement but also a violation of the *Competition Act* (Canada) and *Criminal Code* of Canada, and accordingly, could be punishable as a crime (as well as a breach of contract).
- 18.2 The Consultant now confirms and warrants that there is no officer, director, shareholder, partner or employee or other person related to the Consultant's organization (a "person having an interest") or any spouse, business associate, friend or relative of a person having an interest who is:
- (a) an elected official or employee of the City; or
- (b) related to or has any business or family relationship with an elected official or employee of the City, such that there would be any conflict of interest or any appearance of a conflict of interest in the administration of this Agreement or the performance of the Services.
- 19.0 NON-RESIDENT WITHHOLDING TAX**
- 19.1 If the Consultant is a non-resident of Canada as defined in Canadian income tax legislation, the City may withhold from all monies payable under this Agreement such amounts as set out in Canadian income tax legislation, unless a Canada Revenue Agency waiver has been provided to the City within the time limit required under the Canada Revenue Agency administrative

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guidelines as in effect from time to time and, in any event, prior to payment of an invoiced amount.

19.2 The City shall receive full credit under this Agreement for monies withheld as of and from the date of the withholding and no interest will be payable by the City on sums withheld and later paid directly to the Consultant.

19.3 The Consultant shall indemnify the City for any losses, damages or expenses incurred by the City as a result of the Consultant's failure to properly disclose to the City its non-resident status, as defined in Canadian income tax legislation.

20.0 COMPLIANCE WITH LAW

20.1 The Consultant will comply with the City of Vancouver License By-law and maintain a valid business license throughout the duration of this Agreement.

20.2 The Consultant agrees that it will during the Term comply with all Applicable Laws.

21.0 GOVERNING LAW AND RESOLUTION OF DISPUTES

21.1 This Agreement will be governed by the laws of the Province of British Columbia and the courts of British Columbia will have exclusive jurisdiction to determine all disputes arising under this Agreement and the Parties now irrevocably agree to submit all disputes to the courts of British Columbia for resolution.

22.0 INDEPENDENT CONSULTANT

22.1 This Agreement is a contract for services and the Consultant, its permitted Sub-contractors, and the officers, directors, shareholders, partners, personnel, affiliates and agents of the Consultant and its permitted Sub-contractors are not, nor are they to be deemed to be, partners, appointees, employees or agents of the City.

22.2 The Consultant will not represent to anyone that the Consultant has any authority to bind the City in any way or that the Consultant is an employee or agent of the City.

23.0 INDEPENDENT LEGAL ADVICE

23.1 The Consultant acknowledges that the Consultant has been given the opportunity to seek independent legal advice before executing this Agreement.

24.0 TIME FOR PERFORMANCE

24.1 **Time of the Essence.** Time shall be of the essence of this Agreement.

24.2 **Unavoidable Delay.** Notwithstanding Section 24.1, except for the performance of obligations to pay money, the time periods for the City and the Consultant to perform under this Agreement will be extended for periods of time during which their performance is delayed or prevented due to an Unavoidable Delay. For the purposes of this Section, an "Unavoidable Delay" means any circumstances beyond the reasonable control of the party trying to perform (such as, for example, acts of God, war or other strife or governmental action) but expressly excludes any and all delays caused by the Consultant's lack of financial resources; the Consultant's insolvency; strikes, lockouts or other withdrawals of services arising out of any labour dispute involving the City, the Consultant or a Sub-contractor; or governmental action taken in the enforcement of any law specifically against the Consultant or its Sub-Consultants. If an Unavoidable Delay occurs, the non-performing party will, as soon as possible after the

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occurrence of the Unavoidable Delay, give written notice to the other party describing the circumstances preventing continued performance and the efforts being made to resume performance of its obligations under this Agreement.

25.0 GENERAL

- 25.1 No Waiver.** No action or failure to act by the City shall constitute a waiver of any right or duty under this Agreement, or constitute an approval or acquiescence in any breach hereunder, except as may be specifically agreed in writing by the City.
- 25.2 Severability.** The invalidity, illegality or unenforceability of any portion or provision of this Agreement or the occurrence of any event rendering any portion or provision of this Agreement void shall in no way affect the validity or enforceability of any other portion or provision of this Agreement. Any void portion or provision shall be deemed severed from this Agreement and the balance of this Agreement shall be construed and enforced as if this Agreement did not contain the particular portion or provision held to be void. The Parties further agree to amend this Agreement to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken position.
- 25.3 Remedies Cumulative.** The remedies of the Parties provided for in this Agreement are cumulative and are in addition to any remedies available to the Parties at law or in equity. No remedy will be deemed to exclude or restrict the right of a Party to any other remedies against the other Party and a Party may from time to time have recourse to one or more of the remedies specified in this Agreement or at law notwithstanding the termination of this Agreement.
- 25.4 Further Assurances.** Each Party shall execute such further and other documents and instruments and do such further and other acts as may be necessary to implement and carry out the provisions and intent of this Agreement.
- 25.5 Entire Agreement.** The Contract Documents constitute the entire agreement between the Parties with respect to the subject matter hereof, and supersede all previous communications, representations and agreements, whether oral or written, with respect to the subject matter hereof.
- 25.6 Amendment.** This Agreement shall not be amended except as specifically agreed in writing by both the City and the Consultant.
- 25.7 Joint and Several Liability of Joint Venture Participants.** If the Consultant is a joint venture of two or more entities, it is understood and agreed that the grants, covenants, provisos, claims, rights, powers, privileges and liabilities of the entities who comprise the Consultant shall be joint and several.
- 25.8 Schedules and Appendices.** The schedules and appendices attached hereto are incorporated by reference in and form an integral part of this Agreement.
- 25.9 Set-Off.** The City may at its option, withhold and set-off against any amount owing to the Consultant (whether under this Agreement or otherwise) any amounts payable by the Consultant to the City (whether under this Agreement or otherwise) and the amount of any damages suffered or claims made or to be made by the City as a result of any other claim it may have against the Consultant, whether such claim is at law or in equity or tort or on any other basis.

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- 25.10 **Enurement.** This Agreement shall enure to the benefit of and be binding upon the City and the Consultant and their respective successors and permitted assigns.
- 25.11 **Execution.** This Agreement may be executed in one or more counterparts each of which will constitute an original and together will constitute one and the same Agreement. This Agreement may be executed by the Parties electronically or by facsimile and if so executed and transmitted, this Agreement will be for all purposes as effective as if the Parties had delivered an executed original Agreement.

As evidence of their agreement to be bound by the above contract terms, the City and the Consultant each have executed this Agreement as of the day and year first above written.

CITY OF VANCOUVER

Authorized Signatory

[NAME OF CONSULTANT]

Authorized Signatory

Print Name and Title

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APPENDIX A - INSURANCE REQUIREMENTS

A1.1 Required Types/Amounts Prior to commencing the Services, the Consultant will obtain at its own expense:

- (a) a professional (errors and omissions) liability insurance policy with limits of not less than \$2,000,000 per claim and not less than \$5,000,000 in aggregate and a deductible of not more than \$50,000, protecting the Consultant against all claims for loss or damage arising out of any error or omission of the Consultant or the Consultant's personnel in the performance of the Services; and
- (b) a commercial general liability insurance policy with a limit of not less than \$2,000,000 per occurrence, and a deductible of not more than \$5,000, protecting the Consultant and the Consultant's personnel against all claims for personal injury, including death and bodily injury, and property damage or loss, arising out of the operations of the Consultant or the actions of the Consultant or the Consultant's personnel. The policy must contain a cross-liability clause in favour of the City and will name the City and the City's officials, employees and agents as additional insureds.

A1.2 Required Policy Terms

All required insurance policies must remain in full force and effect at all times until completion of the Services or earlier cancellation of this Agreement, and for a period of not less than two years thereafter, and must:

- (a) be obtained from and issued by insurers authorized to carry on business within British Columbia, on terms satisfactory to the City's Director of Risk Management, acting reasonably;
- (b) be primary insurance in respect to the City, and any insurance or self-insurance maintained by the City will be in excess of this insurance and will not contribute with such policies; and
- (c) contain a provision that such insurance coverage will not be cancelled without the insurer giving the City at least 60 calendar days' prior written notice,

and, for any property insurance carried by the Consultant, contain a clause that waives the insurer's right of subrogation against the City and the City's officials, employees and agents.

A1.3 Insurance Certificate

Prior to signing, and immediately following the signature of, this Agreement, the Consultant shall have provided, or shall provide, the City's Project Manager with evidence of all required insurance to be taken out in the form of one or more certificate(s) of insurance. The certificate(s) of insurance will identify the Agreement title, number, policyholder and scope of work and must not contain any qualifications or disclaimers. Proof of insurance, in the form of such certificate(s) of insurance (or copies of the policy(ies) themselves, if requested), will be made available to the City's Project Manager at any time during the performance of the Services immediately upon request.

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A1.4 Sub-Contractors' Insurance

The Consultant will provide in its agreements with its Sub-contractors insurance clauses in the same form as in this Agreement. Upon request, the Consultant will deposit with the City's Project Manager detailed certificates of insurance for the policies of its Sub-contractors (or copies of the policy(ies) themselves, if requested) and a copy of the applicable insurance clauses from its Sub-contractor agreements.

A1.5 Insurance Requirements Additional to any other Requirements

The Consultant and each of its Sub-contractors will provide, at its own cost, any additional insurance which it is required by law to provide or which it considers necessary.

A1.6 Insurance Requirements Independent of Agreement Obligations

Neither the providing of insurance by the Consultant or the Sub-contractors in accordance with this Agreement, nor the insolvency, bankruptcy or the failure of any insurance company to pay any claim accruing, will be held to relieve the Consultant from any other provisions of this Agreement with respect to liability of the Consultant or otherwise.