



REQUEST FOR PROPOSALS

Title: Water Leak Detection, Acoustic, Pilot Project

Reference No.: 1220-030-2024-042

FOR PROFESSIONAL SERVICES (CONTRACTOR – GOODS AND SERVICES)

(General Services)

Issuance Date: October 3, 2024

TABLE OF CONTENTS

1. INTRODUCTION	4
1.1 Purpose	4
1.2 Definitions.....	4
2. INSTRUCTIONS TO PROPONENTS	4
2.1 Closing Time and Address for Proposal Delivery	4
2.2 Information Meeting	5
2.3 Late Proposals.....	5
2.4 Amendments to Proposals	5
2.5 Inquiries.....	5
2.6 Addenda	6
2.7 Examination of Contract Documents and Site.....	6
2.8 Opening of Proposals	6
2.9 Status Inquiries.....	6
3. PROPOSAL SUBMISSION FORM AND CONTENTS	6
3.1 Form of Proposal	6
3.2 Signature	6
4. EVALUATION AND SELECTION.....	7
4.1 Evaluation Team.....	7
4.2 Evaluation Criteria	7
4.3 Discrepancies in Proponent’s Financial Proposal	8
4.4 Litigation	8
4.5 Additional Information	8
4.6 Interviews	9
4.7 Multiple Preferred Proponents	9
4.8 Negotiation of Contract and Award	9
5. GENERAL CONDITIONS	10
5.1 No City Obligation.....	10
5.2 Proponent’s Expenses	10
5.3 No Contract	10
5.4 Conflict of Interest.....	10
5.5 Solicitation of Council Members, City Staff and City Contractors	10
5.6 Confidentiality	10
5.7 No Claims.....	11
SCHEDULE A – SPECIFICATIONS OF GOODS AND SCOPE OF SERVICES	12
SCHEDULE A1 – PILOT AREA	21
SCHEDULE B – DRAFT CONTRACT	22
SCHEDULE C – FORM OF PROPOSAL.....	42
Schedule C-1 Statement of Departures.....	44

Schedule C-2 Proponent's Experience, Reputation and Resources46
Schedule C-3 Proponent's Technical Proposal (Goods and Services) 48
Schedule C-4 Proponent's Technical Proposal (Time Schedule)..... 49
Schedule C-5 Proponent's Financial Proposal 50
ATTACHMENT 1 – PRIME CONTRACTOR DESIGNATION 53
ATTACHMENT 2 – CONTRACTOR HEALTH AND SAFETY EXPECTATIONS 54

REQUEST FOR PROPOSALS

1. INTRODUCTION

1.1 Purpose

Through this Request for Proposals (the “**RFP**”), the City of Surrey (the “**City**”) is seeking proposals from proponents (each a “**Proponent**”) to perform the services described in Schedule A – Specifications of Goods and Scope of Services (the “**Goods and Services**”). That schedule, with such modifications as may be agreed between the City and the successful Proponent(s), will be incorporated into the contract between the City and the successful Proponent(s).

1.2 Definitions

In this RFP the following definitions shall apply:

- (a) “**BC Bid Website**” means www.bcbid.gov.bc.ca;
- (b) “**City**” means the City of Surrey;
- (c) “**City Representative**” has the meaning set out in Section 2.5;
- (d) “**City Website**” means www.surrey.ca;
- (e) “**Closing Time**” has the meaning set out in Section 2.1;
- (f) “**Contract**” means a formal written contract between the City and a Preferred Proponent to undertake the Services, the preferred form of which is attached as Schedule B;
- (g) “**Evaluation Team**” means the team appointed by the City;
- (h) “**Goods**” has the meaning set out in Schedule A;
- (i) “**Information Meeting**” has the meaning set out in Section 2.2;
- (j) “**Preferred Proponent(s)**” means the Proponent(s) selected by the Evaluation Team to enter into negotiations for a Contract;
- (k) “**Proponent**” means an entity that submits a Proposal;
- (l) “**Proposal**” means a proposal submitted in response to this RFP;
- (m) “**RFP**” means this Request for Proposals;
- (n) “**Services**” has the meaning set out in Schedule A;
- (o) “**Site**” means the place or places where the Goods are to be delivered and the Services are to be performed; and
- (p) “**Statement of Departures**” means Schedule C-1 to the form of Proposal attached as Schedule C.

2. INSTRUCTIONS TO PROPONENTS

2.1 Closing Time and Address for Proposal Delivery

The Proponent should submit the Proposal **electronically** in a single pdf file which must be delivered by email at: purchasing@surrey.ca

on or before the following date and time

Time: 3:00 p.m., local time
Date: October 30, 2024

(the “Closing Time”).

Confirmation of receipt of email will be issued. Proposals that cannot be opened or viewed may be rejected. A Proponent bears all risk that the City’s receiving equipment functions properly so that the Proposal is received by the Closing Time.

Note: The maximum file size the City can receive is 10Mb. If sending large email attachments, Proponents should phone [604-590-7274] to confirm receipt.

2.2 Information Meeting

An information meeting may be hosted by the City Representative to discuss the City’s requirements under this RFP (the “**Information Meeting**”). While attendance is at the discretion of Proponents, Proponents who do not attend will be deemed to have attended the Information Meeting and to have received all of the information given at the Information Meeting. At the time of issuance of this RFP a meeting has not been scheduled.

2.3 Late Proposals

Proposals submitted after the Closing Time will not be accepted or considered. A Proponent bears all risk that the City’s receiving computer equipment functions properly so that the Proposal is received by the Closing Time.

2.4 Amendments to Proposals

Proposals may be revised by written amendment, delivered to the location set out in Section 2.1, at any time before the Closing Time but not after. An amendment should be signed by an authorized signatory of the Proponent in the same manner as provided by Section 3.2. E-mailed amendments are permitted, but such amendment should show only the change to the proposal price(s) and should not disclose the actual proposal price(s). A Proponent bears all risk that the City’s computer equipment functions properly so as to facilitate timely delivery of any amendment.

2.5 Inquiries

All inquiries related to this RFP should be directed in writing to the person named below (the “**City Representative**”). Information obtained from any person or source other than the City Representative may not be relied upon.

Name: Sunny Kaila, Manager Procurement Services

E-mail: purchasing@surrey.ca

Reference: 1220-030-2024-042

Inquiries should be made no later than 7 business days before Closing Time. The City reserves the right not to respond to inquiries made within 7 business days of the Closing

Time. Inquiries and responses will be recorded and may be distributed to all Proponents at the discretion of the City.

Proponents finding discrepancies or omissions in the Contract or RFP, or having doubts as to the meaning or intent of any provision, should immediately notify the City Representative. If the City determines that an amendment is required to this RFP, the City Representative will issue an addendum in accordance with Section 2.6. No oral conversation will affect or modify the terms of this RFP or may be relied upon by any Proponent.

2.6 Addenda

If the City determines that an amendment is required to this RFP, the City Representative will issue a written addendum by posting it on the BC Bid website at www.bcbid.gov.bc.ca and the City website at www.surrey.ca (collectively, the “**Websites**”), and upon posting, any addenda will form part of this RFP. It is the responsibility of Proponents to check the Websites for addenda. The only way this RFP may be added to, or amended in any way, is by a formal written addendum. No other communication, whether written or oral, from any person will affect or modify the terms of this RFP or may be relied upon by any Proponent. By delivery of a Proposal the Proponent is deemed to have received, accepted and understood the entire RFP, including any and all addenda.

2.7 Examination of Contract Documents and Site

Proponents will be deemed to have carefully examined the RFP, including all attached Schedules, the Contract and the Site (as applicable) prior to preparing and submitting a Proposal with respect to any and all facts which may influence a Proposal.

2.8 Opening of Proposals

The City intends to open Proposals in private but reserves the right to open Proposals in public at its sole discretion.

2.9 Status Inquiries

All inquiries related to the status of this RFP, including whether or not a Contract has been awarded, should be directed to the City Website and not to the City Representative.

3. PROPOSAL SUBMISSION FORM AND CONTENTS

3.1 Form of Proposal

Proponents should complete the form of Proposal attached as Schedule C, including Schedules C-1 to C-5. Proponents are encouraged to respond to the items listed in Schedules C-1 to C-5 in the order listed. Proponents are encouraged to use the forms provided and attach additional pages as necessary.

3.2 Signature

The legal name of the person or firm submitting the Proposal should be inserted in Schedule C. The Proposal should be signed by a person authorized to sign on behalf of the Proponent and include the following:

- (a) If the Proponent is a corporation then the full name of the corporation should be included, together with the names of authorized signatories. The Proposal should be executed by all of the authorized signatories or by one or more of them provided that a copy of the corporate resolution authorizing those persons to execute the Proposal on behalf of the corporation is submitted;
- (b) If the Proponent is a partnership or joint venture then the name of the partnership or joint venture and the name of each partner or joint venturer should be included, and each partner or joint venturer should sign personally (or, if one or more person(s) have signing authority for the partnership or joint venture, the partnership or joint venture should provide evidence to the satisfaction of the City that the person(s) signing have signing authority for the partnership or joint venture). If a partner or joint venturer is a corporation then such corporation should sign as indicated in subsection (a) above; or
- (c) If the Proponent is an individual, including a sole proprietorship, the name of the individual should be included.

4. EVALUATION AND SELECTION

4.1 Evaluation Team

The evaluation of Proposals will be undertaken on behalf of the City by an evaluation team appointed by the City (the “**Evaluation Team**”), which may consist of one or more persons. The Evaluation Team may consult with others including City staff members, third party consultants and references, as the Evaluation Team may in its discretion decide is required. The Evaluation Team will give a written recommendation for the selection of a Preferred Proponent or Preferred Proponents to the City.

4.2 Evaluation Criteria

The Evaluation Team will compare and evaluate all Proposals to determine each Proponent's strength and ability to provide the Services in order to determine the Proposal, or Proposals, which are most advantageous to the City, using the following criteria:

- (a) Experience, Reputation and Resources – The Proponent's experience, reputation and resources as applicable to providing the Goods and the performance of the Services.

For this evaluation criterion The Evaluation Team will consider the Proponent's responses to items in Schedule C-2.

- (b) Technical – The Proponent's technical proposal for providing the Goods and performance of the Services as outlined in the Proponent's responses to items in Schedule C-3 and Schedule C-4.
- (c) Financial – The Proponent's financial proposal for providing the Goods and performance of the Services as described in the Proponent's response to Schedule C-5.

- (d) Statement of Departures - The Evaluation Team will consider the Proponent's response to Schedule C-1.

The Evaluation Team will not be limited to the criteria referred to above, and the Evaluation Team may consider other criteria that the Evaluation Team identifies as relevant during the evaluation process. The Evaluation Team may apply the evaluation criteria on a comparative basis, evaluating the Proposals by comparing one Proponent's Proposal to another Proponent's Proposal. All criteria considered will be applied evenly and fairly to all Proposals.

4.3 Discrepancies in Proponent's Financial Proposal

If there are any obvious discrepancies, errors or omissions in Schedule C-5 of a Proposal (Proponent's Financial Proposal), then the City shall be entitled to make obvious corrections, but only if, and to the extent, the corrections are apparent from the Proposal as submitted, and in particular:

- (a) if there is a discrepancy between a unit price and the extended total, then the unit prices shall be deemed to be correct, and corresponding corrections will be made to the extended totals;
- (b) if a unit price has been given but the corresponding extended total has been omitted, then the extended total will be calculated from the unit price and the estimated quantity;
- (c) if an extended total has been given but the corresponding unit price has been omitted, then the unit price will be calculated from the extended total and the estimated quantity.

4.4 Litigation

In addition to any other provision of this RFP, the City may, in its absolute discretion, reject a Proposal if the Proponent, or any officer or director of the Proponent submitting the Proposal, is or has been engaged directly or indirectly in a legal action against the City, its elected or appointed officers, representatives or employees in relation to any matter, or if the City has initiated legal action against any officers or directors of the Proponent.

In determining whether or not to reject a Proposal under this Section, the City will consider whether the litigation is likely to affect the Proponent's ability to work with the City, its contractors and representatives and whether the City's experience with the Proponent indicates that there is a risk the City will incur increased staff and legal costs in the administration of the Contract if it is awarded to the Proponent.

4.5 Additional Information

The Evaluation Team may, at its discretion, request clarifications or additional information from a Proponent with respect to any Proposal, and the Evaluation Team may make such requests to only selected Proponents. The Evaluation Team may consider such clarifications or additional information in evaluating a Proposal.

4.6 Interviews

The Evaluation Team may, at its discretion, invite some or all of the Proponents to appear before the Evaluation Team to provide clarifications of their Proposals. In such event, the Evaluation Team will be entitled to consider the answers received in evaluating Proposals.

4.7 Multiple Preferred Proponents

The City reserves the right and discretion to divide up the Goods and Services, either by scope, geographic area, or other basis as the City may decide, and to select one or more Preferred Proponents to enter into discussions with the City for one or more Contracts to perform a portion or portions of the Goods and Services. If the City exercises its discretion to divide up the Goods and Services, the City will do so reasonably having regard for the RFP and the basis of Proposals.

In addition to any other provision of this RFP, Proposals may be evaluated on the basis of advantages and disadvantages to the City that might result or be achieved from the City dividing up the Goods and Services and entering into one or more Contracts with one or more Proponents.

4.8 Negotiation of Contract and Award

If the City selects a Preferred Proponent or Preferred Proponents, then it may:

- (a) enter into a Contract with the Preferred Proponent(s); or
- (b) enter into discussions with the Preferred Proponent(s) to attempt to finalize the terms of the Contract(s) including financial terms, and such discussions may include:
 - (1) clarification of any outstanding issues arising from the Preferred Proponent's Proposal;
 - (2) negotiation of amendments to the departures to the draft Contract, if any, proposed by the Preferred Proponent as set in Schedule C-1 to the Preferred Proponent's Proposal; and
 - (3) negotiation of amendments to the Preferred Proponent's price(s) as set out in Schedule C-5 to the Preferred Proponent's Proposal and/or Goods and scope of Services if:
 - (A) the Preferred Proponent's financial Proposal exceeds the City's approved budget, or
 - (B) the City reasonably concludes the Preferred Proponent's financial proposal includes a price(s) that is unbalanced, or
 - (C) a knowledgeable third party would judge that the Preferred Proponent's price(s) materially exceed a fair market price(s) for services similar to the Goods and Services offered by the Preferred Proponent as described in the Preferred Proponent's Proposal; or
- (c) if at any time the City reasonably forms the opinion that a mutually acceptable agreement is not likely to be reached within a reasonable time, give the Preferred Proponent(s) written notice to terminate discussions, in which event the City may then either open discussions with another Proponent or terminate this RFP and retain or obtain the Goods and Services in some other manner.

5. GENERAL CONDITIONS

5.1 No City Obligation

This RFP is not a tender and does not commit the City in any way to select a Preferred Proponent, or to proceed to negotiations for a Contract, or to award any Contract, and the City reserves the right to at any time, and for any reason, reject all Proposals, and to terminate this RFP process without further explanation. The City is under no obligation to consider any Proposal, including the Proposal with the lowest price, or to select as the Preferred Proponent the Proponent that submits the Proposals with the lowest price.

5.2 Proponent's Expenses

Proponents are solely responsible for their own expenses in preparing, and submitting Proposals, and for any meetings, negotiations or discussions with the City or its representatives and consultants, relating to or arising from this RFP. The City and its representatives, agents, consultants and advisors will not be liable to any Proponent for any claims, whether for costs, expenses, losses or damages, or loss of anticipated profits, or for any other matter whatsoever, incurred by the Proponent in preparing and submitting a Proposal, or participating in negotiations for a Contract, or other activity related to or arising out of this RFP.

5.3 No Contract

By submitting a Proposal and participating in the process as outlined in this RFP, Proponents expressly agree that no contract of any kind is formed under, or arises from this RFP, prior to the signing of a formal written Contract.

5.4 Conflict of Interest

A Proponent shall disclose in its Proposal any actual or potential conflicts of interest and existing business relationships it may have with the City, its elected or appointed officials or employees. The City may rely on such disclosure.

5.5 Solicitation of Council Members, City Staff and City Consultants

Proponents and their agents will not contact any member of the City Council, City staff or City consultants with respect to this RFP, other than the City Representative named in section 2.5, at any time prior to the award of a contract or the cancellation of this RFP and which could be viewed as one Proponent attempting to seek an unfair advantage over other Proponents.

5.6 Confidentiality

All submissions become the property of the City and will not be returned to the Proponent. All submissions will be held in confidence by the City unless otherwise required by law. Proponents should be aware the City is a "public body" defined by and subject to the *Freedom of Information and Protection of Privacy Act* of British Columbia.

5.7 No Claims

Each Proponent, by submitting a Proposal, irrevocably:

- (a) agrees that it will not bring any claim, demand, action, cause of action, suit or proceeding, whether arising in contract, tort (including negligence) or otherwise (a "Claim") against the City or any of its employees, directors, officers, advisors or representatives, or any one of them, for any costs, damages or other compensation for any matter relating directly or indirectly to this RFP (including in the event that the City rejects or disqualifies or for any other reason fails to accept a Proposal, accepts a non-compliant Proposal or otherwise breaches, or fundamentally breaches, the terms of this RFP or any duties arising from this RFP; and
- (b) waives any Claim against the City and its employees, directors, officers, advisors or representatives, or any one of them, for any compensation of whatsoever nature or kind, including for loss of anticipated profits, loss of opportunity, indirect, incidental or consequential damages or losses if no contract is entered into for the Services between the Proponent and the City for any reason whatsoever, including in the event that the City rejects or disqualifies or for any other reason fails to accept a Proposal, accepts a non-compliant Proposal or otherwise breaches, or fundamentally breaches, the terms of this RFP or any duties arising from this RFP.

- END OF PAGE -

SCHEDULE A – SPECIFICATIONS OF GOODS AND SCOPE OF SERVICES

1.0 PURPOSE

The City of Surrey (the “City”) is interested in piloting a neighbourhood wide permanent, real-time leak detection system. The primary aim of the pilot project is to assess the effectiveness of a permanent Acoustic Leak Detection (ALD) system in identifying and quantifying leaks within the watermain network, in real-time, to allow immediate follow-up actions required.

As part of the same project, the City is looking to replace the existing customer meters in the same neighbourhood due to their age, including implementing a real-time water consumption data collection and transfer.

The purpose of this RFP is to select a Contractor to develop and implement a pilot program for a permanent, real-time ALD system in conjunction with meter replacement in a pre-selected neighbourhood in the City. The anticipated duration of this pilot project is between six (6) to twelve (12) months.

2.0 BACKGROUND

The City provides potable water to approximately 90,000 properties and over 600,000 residents through 1,875 kilometers of water main, 9 pump stations (PS) and 93 pressure reducing valve (PRV) stations.

In recent years, the City has tested various leak detection technologies, including ground microphones, inline free-swimming ALD methods, and satellite- and electromagnetic-based systems. These technologies have demonstrated varying levels of effectiveness in detecting and quantifying leaks within the system.

Using a permanent and real-time leak detection technology may simplify leak detection efforts in the distribution system and help the City to more effectively control and reduce water losses.

3.0 STUDY AREA

The proposed pilot area is between 128 St and 144 St, and bounded by 24 Ave in the south and the Nicomekl River in the north, as presented in Schedule A1. The area primarily serves residential and some commercial customers, with about 50 km of water mains. The majority of the pipes are ductile iron (53%) and PVC (35%). The remaining pipes include asbestos cement, cast iron, concrete cylinder, copper, galvanized iron, and steel, as outlined below:

Pipe Age/ Materials	DI	PVC	Other
< 30 Years	27%	16%	0%

30 - 50 Years	26%	19%	2%
> 50 Years	0%	0%	10%

As noted above, the City is also looking to replace approximately 620 existing meters in the same area, with meter sizes ranging from 16mm to 75mm as listed in the following table:

Meter Size (mm)	16	19	25	38	50	75
Quantity	371	179	42	4	13	2

Additionally, there are about 350 meters in the study area that don't need replacement but require the addition of real-time meter consumption reading capability to eliminate the manual meter reading need for this area during the pilot study.

4.0 PROJECT SCOPE AND DELIVERABLES

4.1 Project Preparation and Installation

The Contractor must outline a plan to implement an acoustic leak detection (ALD) on the City water mains that is

- Permanent: no need to move the tool/sensor around, and
- Real-time: allowance for data collection and summary in an hourly interval or less.

The Contractor is required to propose the quantity and location of ALD sensors required to achieve successful leak detection on the City's 50km mains in the pre-selected neighborhood.

Additionally, the Contractor is required to propose a meter replacement plan for the approximately 620 meters to be replaced in the same neighborhood, including the implementation of real-time consumption reading for both the new meters and the 350 existing meters that do not need replacement.

The Contractor may want to conduct a propagation study, if required, to determine the optimal location(s) for headend/gateway(s) for the pilot area.

The following tasks are within the scope of this pilot project within the anticipated duration of this pilot project:

- a. Manage every and all aspects required to ensure successful implementation of the project.
- b. Prepare and distribute notification letters to the impacted residents and businesses.
- c. Supply and install of ALD sensors. To ensure accuracy and redundancy, ALD sensors should be installed at intervals of 200 meters or less, with a minimum of two sensors covering each watermain within the pilot area.

- d. Supply and install of approximately 620 approved water meters, as defined in 4.2. It should be noted that there is limited space available within existing meter chambers. The proposed meter assembly must fit within the existing water meter chambers.
- e. Provide meter reading data in an acceptable format to be incorporated into city's existing billing system (Tempest).
- f. Supply, install, and manage/maintain any network infrastructures and other supporting elements required to support the permanent, real-time ALD and meter reading. The detailed plan of the locations of the ALD sensors and any other supporting network infrastructure is to be discussed and agreed upon by the City prior to implementation.
- g. Monitor the performance of all parts and components supplied and installed by the proponents and provide maintenance as required to maintain operation through-out the duration of the pilot project.

The Contractor must also provide information on expected life cycle and replacement costs associated with acoustic leak detection to assist with return-on-investment calculations.

4.2 Approved Water Meters

Manufacturer	Model	Sizes
Sensus	iPERL OMNI C2	25mm and smaller 38mm and larger
Badger	Recordall PD E-Series	50mm and smaller 16mm and larger
Neptune	T-10 MACH 10	50mm and smaller 38mm and larger
Kamstrup	flowIQ	16mm and larger

4.3 Decommissioning Plan

The Contractor shall create a decommissioning plan, to be implemented if the City decides to revert the system condition after the completion of the pilot program, i.e., no permanent, real-time ALD and meter reading systems required anymore.

The decommissioning plan shall outline the process for removing any infrastructure that was installed specifically for the pilot program but is no longer needed. Additionally, the plan may present alternative options for meter reading in the pilot area, if there is other method than reverting to manual touch-read.

If the City decides to proceed with the decommissioning plan, the Contractor will be required to execute the plan and ensure that meter reads data retrieval remains uninterrupted.

4.4 Project Closure and Reporting

Upon project completion, the Contractor will prepare a report summarizing the pilot study. The report will include, but is not limited to, a description of the pilot area, the project's preparation and installation methods, key findings, challenges encountered, and, if successful, recommendations for the next steps.

4.5 Traffic Control Plans

- a. The Contractor is to prepare a Traffic Management Plan (TMP) in such a manner to avoid unnecessary interference to existing traffic. For all works on City streets, lanes or sidewalks, all traffic control to be provided by the Contractor, at the Contractor's expense. The Contractor should adhere to the standard procedures and practices prescribed in the Ministry of Transportation and Highways "Traffic Control Manual for Work on Roadways". The TMP processing fees will be waived by the City.
- b. The Contractor shall provide, at the Contractor's expense, erect and maintain all requisite barriers, fences or other proper protection and must provide and maintain such flag-persons, watch-persons and lights as may be necessary or as may be ordered by the City in order to ensure safety to the public as well as to those engaged about the premises or works, and must, where it is practicable in the City's opinion, keep any roadway open for the use of the public, or for some restricted use specified by the City for such width as the City may direct.
- c. The Contractor will, from the date of commencement to the date of completion of the Contractor's Work on a given project, assume responsibility for the barricading and signing of hazards resulting from such works, or any other obstruction or impediment to pedestrian or vehicular traffic, be these works in progress prior to or subsequent to the above-mentioned date of commencement.

5.0 AVAILABLE INFORMATION

Details for the following City assets can be found on the City of Surrey's online mapping system (COSMOS). The data is also available to be downloaded and exported using the Surrey's Open Data portal:

- Watermain Data
- Meter Data
- Building Data
- Traffic Lights/Streetlight Data
- City Facility/Building Inventory

Additional information required for the pilot study may be requested by the proponents.

6.0 ESTIMATED SCHEDULE

The successful Contractor shall follow the project schedule.

1. Proposal Submission for Engineering Services October 30, 2024

2.	Contractor Selection	Late November, 2024
3.	Project Implementation Plan	Late December, 2024
4.	Installation of equipment and meters	Quarter 1-2, 2025
5.	Pilot Study duration	Quarter 2-4, 2025
6.	Decommissioning (Optional)	Quarter 1, 2026
7.	Draft Report	January 28, 2026
8.	Final Report	February 25, 2026

The Contractor is to provide a detailed schedule in their proposal for the above milestones, and all other milestones that the Contractor deems appropriate. Please allow for 10 working days review period by the City for each submittal. The Contractor may indicate measures and recommendations to accelerate the schedule if required by the City.

7.0 QUALITY ASSURANCE

The Work shall be performed by a Contractor experienced in planning and implementing real-time leak detection and meter reading system of a similar nature and scope. Subject to approval of the City, the Contractor may subcontract any work to be performed under this Contract. However, the election to subcontract work shall not relieve the Contractor from responsibility or liability which it has assumed under this Contract and the Contractor shall remain liable to the same extent that its liability would attach, as if the Work had been performed by the Contractor's own employees.

All materials and hardware to be supplied by the Contractor, which are not specifically described herein, shall be of suitable construction, composition and quality to achieve their intended function.

8.0 JOB CONDITIONS

The Contractor shall be familiar with the project location and how the existing conditions will affect their work. This is so that no misunderstanding may arise afterwards as to the character or as to the extent of the work to be done; likewise, in order to advise and acquaint themselves with all precautions to be taken in order to avoid injury to person or property of another. No additional compensation will be granted because of any unusual difficulties or City's special requests that may be encountered in the execution of any portion of the work.

9.0 ENVIRONMENTAL PROTECTION

The Contractor warrants that it will not produce or discharge in any manner or form, directly or indirectly, chemicals or toxic substances into the environment and that all equipment used will not pose a hazard to, or harm or adversely affect anyone coming into contact with it and covenants and agrees to provide the City with an environmental plan (where applicable), acceptable to the City, which plan shall outline the procedures to be followed by the Contractor to prevent the production or discharge of chemicals or toxic substances into the environment and the actions to be taken should the discharge occur.

The Contractor will be responsible to take all necessary measures to comply with the requirements of the Federal and Provincial environmental protection agencies, City by-laws, the *Waste Management Act*, R.S.B.C. 1996, c. 482, as amended and any other applicable acts and regulations in respect to air, earth and water pollutants.

The Contractor will report to the City immediately if any hazardous or toxic materials are found or discovered. Such materials are to be left untouched and the area is to be marked and cordoned off to prevent any access to the workers and the public.

The Contractor will be responsible to establish and submit a waste disposal plan to the City for review prior to commencing the Work.

10.0 SAFETY

The Contractor shall be solely responsible for construction safety at the Place of Work as and to the extent required by applicable construction safety legislation, regulations and codes, including *Workers Compensation Act* and applicable regulations, and by good construction practice.

Safety – Fall Protection - The Contractor and any trade contractor shall include for all fall protection equipment and requirements necessary to complete scope of Work in a safe manner and in compliance with the site safety plan, which includes: Fall protection must be worn when working at a height over 6 ft. or as the hazards present necessity.

Safety – On-Site Hazards and Utilities Present – Before commencing any Work at the Place of Work, the Contractor is to make themselves aware of any and all on-site hazards including but not limited to underground and overhead utilities near to the Work area and to take every precaution necessary to eliminate any risk that may exist. If an on-site hazard exists that is causing or may cause injury to any person(s), the Contractor is to take immediate action to mitigate risk and damage, and then notify the City and the City's Contractor (if any).

11.0 TRAFFIC MANAGEMENT

The Contractor shall comply with all the requirements of applicable laws, rules, regulations, codes and orders of the City and other appropriate authorities concerned with work on streets or highways and shall post proper notices and/or signals, and provide necessary barriers, guards, lights, flagmen or watchmen as may be necessary for proper maintenance of traffic and protection of persons and property from injury or damage. All costs involved in respect to the above requirements will be deemed to be included in the Total Quotation Price.

12.0 HOURS OF WORK

Refer to the City of Surrey applicable bylaws for acceptable work hours.

No work is to be performed outside of these acceptable work hours without written approval from the City, and with approval by obtaining a noise variance if required.

All work shall conform to local bylaws, including building and parking bylaws and municipal guidelines and regulations. This includes Building Bylaws and Noise Restrictions, which will apply to all work being completed. Where work or the work schedule does not permit compliance with the Bylaws, the Contractor shall request permission from the City for special exemptions from the bylaws. No extra compensation, in any form (e.g., overtime, etc.) will be given without prior written approval from the City.

13.0 DAMAGE

The Contractor will be responsible for any and all damages to property or persons and for any losses or costs to repair or remedy the Works as a result of any negligent act or omission, or misconduct in the performance of the Works and its subcontractor's Work and shall indemnify and hold harmless the City, its officers, agents and employees from all suits, claims, actions or damages of any nature whatsoever resulting therefrom unless such loss, damage, injury or loss results from or arises out of the error, omission and/or negligent acts of the City, or its officers, for subsequent correction of any such error, omission and/or negligent acts or of its liability for loss or damage resulting therefrom. Except as to professional liability, these indemnities shall not be limited by the listing of any insurance coverage.

14.0 WORKSITE CONDUCT

All labourers and workers, while working in and around the project area, as shown in Schedule A1 of this document, in Surrey, British Columbia, and any of the City facilities as required, shall act in a professional manner. The Contractor is to enforce proper discipline and decorum among all labourers and workers on the worksite and is to control, among other things: 1) noise, including music; 2) the use of offensive language; 3) smoking or drinking of alcoholic beverages on the worksite; 4) physical violence; 5) riding in the passenger elevators; 6) thievery; and 7) the transportation of articles or materials deemed hazardous. If the City determines, in its sole discretion, that any labourer need to be removed due to his or her failure to comply with the terms of this provision, the Contractor will remove such labourers from the worksite immediately.

Alcohol and drugs are not tolerated on this site at any time including anyone deemed to be under the influence shall be escorted off site.

15.0 CLEANLINESS AND DISPOSAL OF UNWANTED MATERIALS

Continuous daily clean up of the work areas shall be performed by the Contractor and trade contractor throughout the performance of the Work and will be undertaken in accordance with the Contractor's waste management plan. Clean up of waste products and debris generated by the Contractor and any trade contractor outside of the building and on the site shall be the responsibility of the Contractor. Should the City be required to clean up the work

of the Contractor or trade contractor the cost of such clean up will be recovered from the Contractor.

The Contractor is to dispose of all debris, trash and unsuitable materials collected under this Contract off site. The Contractor is solely responsible for any and all damages done, or regulations violated in the disposal of waste materials and for any other actions, which the Contractor performs.

The Contractor warrants that it will produce or discharge in any manner or form, directly or indirectly, chemicals or toxic substances into the environment and that all equipment used will not pose a hazard to, or harm or adversely affect anyone coming into contact with it and covenants and agrees to provide the City with an environmental plan (where applicable), acceptance to the City, which plan shall outline the procedures to be followed by the Contractor to prevent the production or discharge of chemicals or toxic substances into the environment and the actions to be taken should the discharge occur.

The Contractor is responsible to take all necessary measures to comply with the requirements of the Federal and Provincial environmental protection agencies, City by-laws, the *Waste Management Act*, R.S.B.C. 1996, c. 482, as amended and any other applicable acts and regulations in respect to air, earth and water pollutants.

16.0 ACCIDENTS; EQUIPMENT SAFETY

Any and all accidents, regardless of how minor, involving another person, private property, or vehicle, shall be reported immediately to the Police of Jurisdiction. and a report requested. The City shall also be contacted immediately and be provided a copy of any reports.

The Contractor shall assume all responsibility for damages to property or injuries to persons, including accidental death, attorneys fee and costs of defense which may be caused by Contractor's performance of this Contract, whether such performance be by itself, its subcontractor, or anyone directly or indirectly employed by Contractor or its subcontractors and whether such damage shall accrue or be discovered before or after termination of this Contract.

The Contractor's equipment operators shall maintain good safety and driving records, and use extreme caution during the performance of the Work.

17.0 WORKMANSHIP

- (a) General: Workmanship shall be of best quality, executed by workers experienced and skilled in respective duties for which they are employed. Do not employ any unfit person or anyone unskilled in their respective duties. The City reserves the right to dismiss for site, workers deemed incompetent, careless, insubordinate or otherwise objectionable. Decisions as to quality of fitness of workmanship in cases of dispute rest solely with the City, whose decision shall be final.

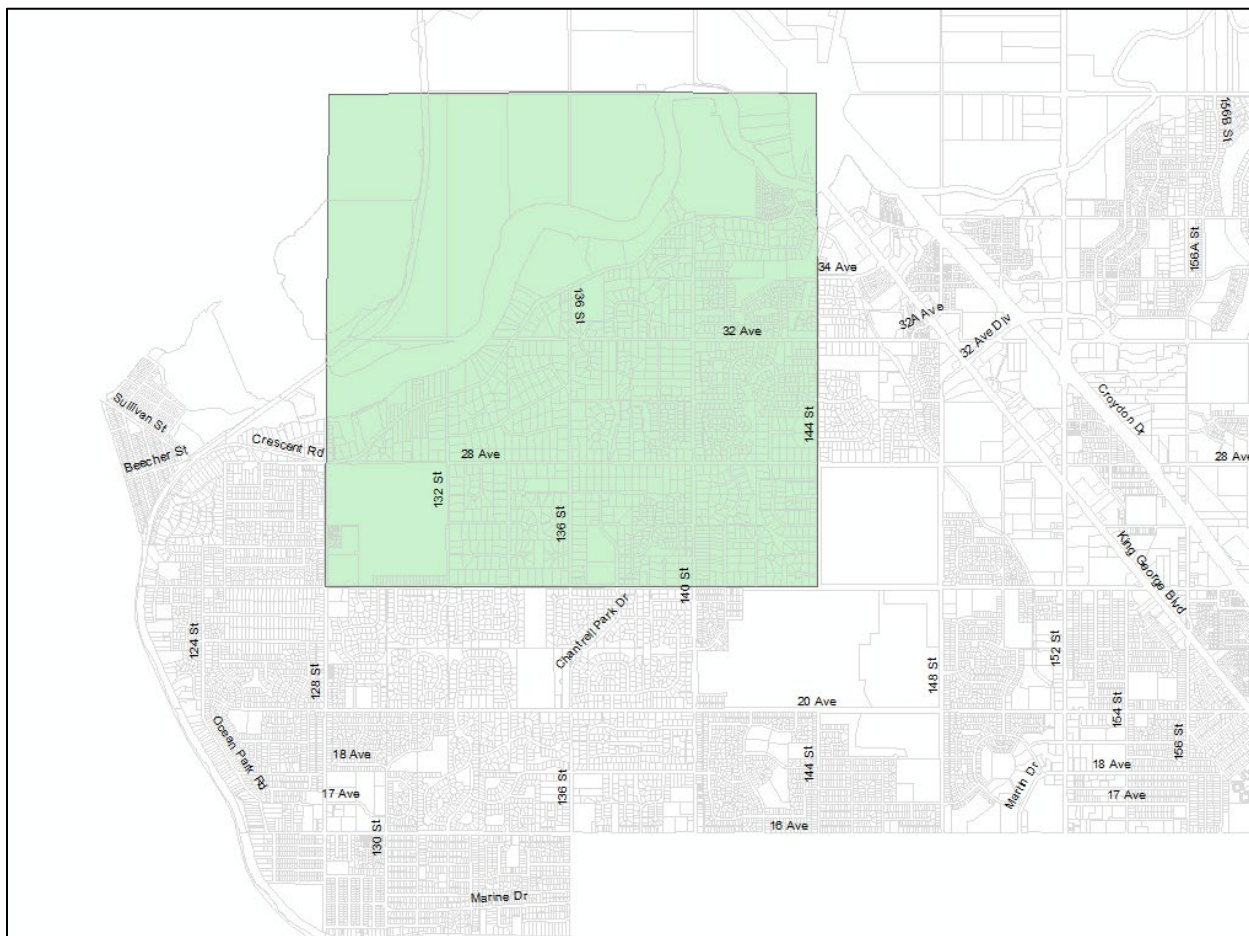
- (b) Coordination: Ensure cooperation of workers in laying out work. Maintain efficient and continuous supervision.
- (c) Protection of Work in progress: The Contractor is to adequately protect Work completed or in progress. Work damaged or defaced due to failure in providing such protection is to be removed and replaced, or repaired, as directed by the City at no cost to the City.

Should any dispute arise regarding the quality of the workmanship, materials or products used in the performance of the Work, the final decision regarding the acceptable quality of the workmanship, and fitness of the materials and products rests strictly with the City.

Additionally, all Works required hereunder will be performed as promptly as possible, and in any event within the time stated by the City, and such Work will be subject to approval and acceptance of the City, but such approval and acceptance will not relieve the Contractor from the obligation to correct any incomplete, inaccurate or defective work, all of which shall be promptly remedied by the Contractor on demand, without cost to the City.

[END OF PAGE]

SCHEDULE A1 – PILOT AREA



SCHEDULE B – DRAFT CONTRACT



PROFESSIONAL SERVICES AGREEMENT

Title: Water Leak Detection, Acoustic, Pilot Project

Reference No.: 1220-030-2024-042

TABLE OF CONTENTS

[<📄 insert page numbers]

- 1. INTERPRETATION**.....
- 1.1 Definitions.....
- 1.2 Appendices.....
- 2. SERVICES**.....
- 2.1 Goods and Services
- 2.2 Amendment of Goods and Services
- 2.3 Additional Goods and Services
- 2.4 Standard of Care
- 2.5 Term.....
- 2.6 Time
- 2.7 Warranty of Goods.....
- 3. PERSONNEL**.....
- 3.1 Qualified Personnel
- 3.2 Listed Personnel and Sub-Contractors
- 3.3 Replacement of Personnel or Sub-Contractors.....
- 3.4 Sub-Contractors and Assignment
- 3.5 Agreements with Sub-Contractors
- 4. LIMITED AUTHORITY**.....
- 4.1 Agent of City.....
- 4.2 Independent Contractor
- 5. FEES**.....
- 5.1 Payment for Goods and Services
- 5.2 Payment
- 5.3 Records
- 5.4 Goods not listed in Appendix 2
- 5.5 Units of Goods and Services
- 5.6 Personnel Hourly Rates
- 5.7 Equipment Hourly Rates.....
- 5.8 Incidental Goods Supply.....
- 5.9 Non-Residents.....
- 6. CITY RESPONSIBILITIES**.....
- 6.1 City Information
- 6.2 City Decisions.....
- 6.3 Notice of Defect.....

7. INSURANCE AND DAMAGES

7.1 Indemnity.....

7.2 Survival of Indemnity

7.3 Contractor’s Insurance Policies.....

7.4 Insurance Requirements.....

7.5 Contractor Responsibilities

7.6 Additional Insurance

7.7 Waiver of Subrogation

8. TERMINATION

8.1 By the City

8.2 Termination for Cause

8.3 Curing Defaults.....

9. APPLICABLE LAWS, POLICIES, BUILDING CODES AND BY-LAWS

9.1 Applicable Laws and Policies.....

9.2 Codes and By-Laws.....

9.3 Interpretation of Codes

10. CONFIDENTIALITY AND DISCLOSURE OF INFORMATION.....

10.1 No Disclosure

10.2 Freedom of Information and Protection of Privacy Act

10.3 Return of Property

11. USE OF WORK PRODUCT

12. WORKERS’ COMPENSATION BOARD, AND OCCUPATIONAL HEALTH AND SAFETY

13. BUSINESS LICENSE.....

14. DISPUTE RESOLUTION

14.1 Dispute Resolution Procedures.....

15. JURISDICTION AND COUNCIL NON-APPROPRIATION.....

16. GENERAL.....

16.1 Entire Contract.....

16.2 Amendment

16.3 Contractor Terms Rejected.....

16.4 Survival of Obligations

16.5 Cumulative Remedies.....

16.6 Notices

16.7 Unenforceability.....
16.8 Headings.....
16.9 Singular, Plural and Gender.....
16.10 Waiver.....
16.11 Signature.....
16.12 Enurement.....
16.13 Compliance with COVID-19 Policy.....

APPENDIX 1 – SPECIFICATIONS OF GOODS AND SCOPE OF SERVICES

APPENDIX 2 – FEES AND PAYMENT

APPENDIX 3 – TIME SCHEDULE

APPENDIX 4 – PERSONNEL AND SUB-CONTRACTORS

APPENDIX 5 – ADDITIONAL SERVICES

APPENDIX 6 – PRIME CONTRACTOR DESIGNATION – LETTER OF UNDERSTANDING

**APPENDIX 7 – CONTRACTOR HEALTH AND SAFETY EXPECTATIONS –
RESPONSIBILITY OF CONTRACTOR(S)**

Title: Water Leak Detection, Acoustic, Pilot Project

THIS AGREEMENT is dated for reference this _____ day of _____, 202_.

AGREEMENT No.: 1220-030-2024-042

BETWEEN:

CITY OF SURREY
13450 - 104 Avenue
Surrey, B.C., V3T 1V8, Canada
(the “**City**”)

AND:

(Insert Full Legal Name and Address of Contractor)

(the “**Contractor**”)

WHEREAS the City wishes to engage the Contractor to provide the Goods and Services and the Contractor agrees to provide the Goods and Services.

Water Leak Detection, Acoustic, Pilot Project

THEREFORE in consideration of the premises and payment of one (\$1.00) dollar and other good and valuable consideration paid by each of the parties to the other (the receipt and sufficiency of which each party hereby acknowledges), the parties hereby covenant and agree with each other as follows:

1. INTERPRETATION

1.1 Definitions

In this agreement the following definitions apply:

- (a) “Dispute” has the meaning set out in Section 14.1;
- (b) “Fees” has the meaning set out in Section 5.1;
- (c) “Goods” has the meaning set out in Section 2.1;
- (d) “Indemnitees” has the meaning set out in Section 7.1;
- (e) “Invoice” has the meaning set out in Section 5.2(a)
- (f) “Services” has the meaning set out in Section 2.1;
- (g) “Term” has the meaning set out in Section 2.5; and

(h) "Time Schedule" has the meaning set out in Section 2.6.

1.2 Appendices

The following attached Appendices are a part of this agreement:

- (a) Appendix 1 – Specifications of Goods and Scope of Services;
- (b) Appendix 2 – Fees and Payment;
- (c) Appendix 3 – Time Schedule;
- (d) Appendix 4 – Personnel and Sub-Contractors; and
- (e) Appendix 5 – Additional Services.

2. GOODS AND SERVICES

2.1 Goods and Services

The City hereby retains the Contractor to provide the Goods and Services as described generally in Appendix 1, including anything and everything required to be done for the fulfillment and completion of this agreement (the "**Goods and Services**").

2.2 Amendment of Goods and Services

The City may from time to time, by written notice to the Contractor, make changes to the Goods and Services. The Fees will be increased or decreased by written agreement of the City and the Contractor according to the rates set out in Appendix 2.

2.3 Additional Goods and Services

The Contractor will, if requested in writing by the City, provide additional goods and perform additional services as may be listed in Appendix 5. The terms of this agreement will apply to any additional goods and services, and the fees for additional goods and services, and the time for the Contractor's performance, will generally correspond to the fees and time of performance as described in Appendices 2 and 3. The Contractor will not provide any additional goods and services in excess of the scope of services requested in writing by the City.

2.4 Standard of Care

The Contractor will provide the Goods and perform the Services with that degree of care, skill and diligence normally provided by a qualified and experienced practitioner. The Contractor represents that it has the expertise, qualifications, resources and relevant experience to provide the Goods and Services.

2.5 Term

The Contractor will provide the Goods and Services for the period commencing on (**START DATE**) and terminating on (**END DATE**) (the "**Term**").

The parties may extend the Term by mutual agreement. If the Term is extended, the provisions of this agreement will remain in force except where amended in writing by the parties.

2.6 Time

The Contractor acknowledges that time is of the essence with respect to the provision of the Goods and Services and accordingly the Contractor will provide the Goods and Services within the performance or completion dates or time periods (the “**Time Schedule**”) as set out in Appendix 3, or as otherwise agreed to in writing by the City and the Contractor. If at any time the Contractor discovers that the Time Schedule cannot be met it will immediately advise the City in writing and provide a revised Time Schedule.

2.7 Warranty of Goods

The Contractor warrants that the Goods supplied by the Contractor shall be free from defects in design, materials, workmanship and title, shall conform in all respects to the terms of this agreement, shall be fit and suitable and perform satisfactorily for the purposes and under the conditions made known to the Contractor by the City. The Goods shall be of the best quality, if no quality is specified. This general warranty is independent of and without prejudice to any specific warranty or service guarantee offered by the Contractor or third party manufacturer or supplier of the Goods in connection with the purpose for which the Goods were purchased.

The Contractor shall assign to the City any warranty or service guarantee offered by a third party manufacturer or supplier of the Goods. Notwithstanding this assignment, if at any time up to one year from the date of delivery or installation (if applicable) the City determines the Goods or any part do not conform to these warranties, the City shall notify the Contractor within a reasonable time after such discovery, and the Contractor shall then promptly correct such nonconformity at the Contractor's expense. Goods used to correct a nonconformity shall be similarly warranted for one year from the date of installation. The Contractor's liability shall extend to all liabilities, losses, damages, claims and expenses incurred by the City caused by any breach of any of the above warranties.

Goods supplied by the City and installed by the Contractor that require Services during a product warranty period shall be serviced by the Contractor at the City's expense.

If any Goods are installed by the Contractor, and subsequently recalled by the manufacturer of the Goods, Service costs associated with the replacement of the recalled Goods will be at the Contractor's expense. The Contractor shall notify the City if a recall notice is issued by a Goods manufacturer.

Damage to Goods caused by a third party (i.e., motor vehicle collision) shall not be covered by any Goods warranty, and the Contractor will not be held responsible for any associated damage repair costs.

3. PERSONNEL

3.1 Qualified Personnel

The Contractor will provide only professional personnel who have the qualifications, experience and capabilities to provide the Goods and perform the Services.

3.2 Listed Personnel and Sub-Contractors

The Contractor will provide the Goods and Services using the professional personnel and sub-contractors as may be listed in Appendix 4 and identified by the Contractor, and the Contractor will not remove any such listed personnel or sub-contractors from the Goods and Services without the prior written approval of the City.

3.3 Replacement of Personnel or Sub-Contractors

If the City reasonably objects to the performance, qualifications, experience or suitability of any of the Contractor's personnel or sub-contractors then the Contractor will, on written request from the City, replace such personnel or sub-contractors.

3.4 Sub-Contractors and Assignment

Except as provided for in Section 3.2, the Contractor will not engage any personnel or sub-contractors, or sub-contract or assign its obligations under this agreement, in whole or in part, without the prior written approval of the City.

3.5 Agreements with Sub-Contractors

The Contractor will preserve and protect the rights of the City with respect to any Services performed under sub-contract and incorporate the terms and conditions of this agreement into all sub-contracts as necessary to preserve the rights of the City under this agreement. The Contractor will be as fully responsible to the City for acts and omissions of sub-contractors and of persons directly or indirectly employed by them as for acts and omissions of persons directly employed by the Contractor.

4. LIMITED AUTHORITY

4.1 Agent of City

The Contractor is not and this agreement does not render the Contractor an agent or employee of the City, and without limiting the above, the Contractor does not have authority to enter into any contract or reach any agreement on behalf of the City, except for the limited purposes as may be expressly set out in this agreement, or as necessary in order to provide the Goods and Services. The Contractor will make such lack of authority clear to all persons with whom the Contractor deals in the course of providing the Goods and Services. Every vehicle used by the Contractor in the course of providing the Goods and Services shall identify the Contractor by name and telephone number.

4.2 Independent Contractor

The Contractor is an independent contractor. This agreement does not create the relationship of employer and employee, a partnership, or a joint venture. The City will not control or direct the details, means or process by which the Contractor performs the Goods and Services. The Contractor will determine the number of days and hours of work required to properly and completely perform the Goods and Services. The Contractor is primarily responsible for performance of the Goods and Services and may not delegate or assign any Goods or Services to any other person except as provided for in Section 3.4. The Contractor will be solely liable for the wages, fringe benefits, work schedules and work conditions of any partners, employees or sub-contractors.

5. FEES

5.1 Payment for Goods and Services

The City will pay to the Contractor the fees as set out in Appendix 2 (the "Fees"). Payment by the City of the Fees will be full payment for the Goods and Services and the Contractor will not be entitled to receive any additional payment from the City.

5.2 Payment

Subject to any contrary provisions set out in this Agreement:

- (a) the Contractor will submit an invoice (the "**Invoice**") to the City requesting payment of the portion of the Fees relating to the Goods and Services provided. Each Invoice should be sent electronically to: surreyinvoices@surrey.ca and include the following information:
 - (1) an invoice number;
 - (2) the Contractor's name, address and telephone number;
 - (3) the City's reference number for the Goods and Services; P.O. # (to be advised)
 - (4) the names, charge-out rates and number of hours worked in the previous month of all employees of the Contractor and any sub-contractors that have performed services during the previous month;
 - (5) the percentage of the Goods and Services completed at the end of the previous month;
 - (6) the total budget for the Goods and Services and the amount of the budget expended to the date of the Invoice;
 - (7) taxes (if any);
 - (8) grand total of the Invoice;
- (b) if the City reasonably determines that any portion of an Invoice is not payable then the City will so advise the Contractor;
- (c) the City will pay the portion of an Invoice which the City determines is payable less any deductions for setoffs or holdbacks permitted by this agreement including, without limitation, any amounts permitted to be held back on account of deficiencies, within 30 days of the receipt of the Invoice;
- (d) if the Contractor offers the City a cash discount for early payment, then the City may, at the City's sole discretion, pay the discounted portion of an Invoice; and
- (e) all Invoices shall be stated in, and all payments made in, Canadian dollars.

5.3 Records

The Contractor will prepare and maintain proper records related to the delivery of the Goods and Services. On request from the City, the Contractor will make the records available open to audit examination by the City at any time during regular business hours during the time the Contractor is providing the Goods and Services and for a period of six years after the Goods are delivered and the Services are complete.

5.4 Goods not listed in Appendix 2

All replacement Goods not specifically listed in Appendix 2 but required will be supplied by the Contractor and invoiced to the City at cost plus 5%. The Contractor shall submit, upon request by the City, actual supplier's invoices to establish the cost of the Goods.

5.5 Units of Goods and Services

The estimated units of Goods and Services in Appendix 2 are for determination of the price only. The City does not guarantee that the actual amounts of Goods and Services of any unit class will correspond even approximately to the estimated units, but reserves the right to increase or decrease the amounts of any class or portion of the Goods and Services, or to omit portions of the Goods and Services that may be deemed necessary or expedient by the City. The Contractor shall make no claim for anticipated profits, for loss of profit, for damages, or for any extra payment whatsoever, because of any difference between the amount of actual Goods and Services furnished and the quantities stated in Appendix 2.

5.6 Personnel Hourly Rates

The personnel hourly rates in Appendix 2 shall include all overhead, profit and all small tools and other miscellaneous equipment normally required by tradesmen in their provision of the Goods and Services. No payment will be made for travel time to and from each site and such time shall not be included in the time measured for payment.

5.7 Equipment Hourly Rates

The equipment hourly rates in Appendix 2 shall include all overhead, profit and shall include operators, fuel, repairs, moving charges, etc. Time required for transportation of equipment to and from work sites within Surrey will be payable at the appropriate equipment hourly rates. Payment for time required to transport equipment into and out of the City's jurisdictional boundaries will not be payable.

5.8 Incidental Goods Supply

Goods provided to aid or assist in maintenance tasks and/or installation of new or replacement parts shall be considered incidental, and shall not be paid for separately by the City under Appendix 2.

5.9 Non-Residents

If the Contractor is a non-resident of Canada and does not provide to the City a waiver of regulation letter, the City will withhold and remit to the appropriate governmental authority the greater of:

- (a) 15% of each payment due to the Contractor; or
- (b) the amount required under applicable tax legislation.

6. CITY RESPONSIBILITIES

6.1 City Information

The City will, in co-operation with the Contractor, make efforts to make available to the Contractor information, surveys, reports and records which the City has in its possession that relate to the

delivery of the Goods and Services. The Contractor will review any such material upon which the Contractor intends to rely and take reasonable steps to determine if that information is complete or accurate. The Contractor will assume all risks that the information is complete and accurate and the Contractor will advise the City in writing if in the Contractor's judgment the information is deficient or unreliable and undertake such new surveys and investigations as are necessary.

6.2 City Decisions

The City will in a timely manner make all decisions required under this agreement, examine documents submitted by the Contractor and respond to all requests for approval made by the Contractor pursuant to this agreement.

6.3 Notice of Defect

If the City observes or otherwise becomes aware of any fault or defect in the delivery of the Goods or the provision of Services, it may notify the Contractor, but nothing in this agreement will be interpreted as giving the City the obligation to inspect or review the Contractor's performance with regards to delivering Goods or the provision of the Services.

7. INSURANCE AND DAMAGES

7.1 Indemnity

The Contractor will indemnify and save harmless the City and all of its elected and appointed officials, officers, employees, servants, representatives and agents (collectively the "Indemnitees"), from and against all claims, demands, causes of action, suits, losses, damages and costs, liabilities, expenses and judgments (including all actual legal costs) for damage to or destruction or loss of property, including loss of use, and injury to or death of any person or persons which any of the Indemnitees incur, suffer or are put to arising out of or in connection with any failure, breach or non-performance by the Contractor of any obligation of this agreement, or any wrongful or negligent act or omission of the Contractor or any employee or agent of the Contractor.

7.2 Survival of Indemnity

The indemnity described in this Contract will survive the termination or completion of this agreement and, notwithstanding such termination or completion, will continue in full force and effect for the benefit of the Indemnitees.

7.3 Contractor's Insurance Policies

The Contractor will, without limiting its obligations or liabilities and at its own expense, provide and maintain throughout this agreement the following insurances in forms and amounts acceptable to the City from insurers licensed to conduct business in Canada:

- (a) commercial general liability insurance on an occurrence basis, in an amount not less than five million (\$5,000,000) dollars inclusive per occurrence against death, bodily injury and property damage arising directly or indirectly out of the work or operations of the Contractor, its employees and agents. The insurance will include cross liability and severability of interests such that the coverage shall apply in the same manner and to the same extent as though a separate policy had been issued to each insured. The insurance will include, but not be limited to: premises and

operators liability, broad form products and completed operations, owners and contractors protective liability, blanket contractual, employees as additional insureds, broad form property damage, non-owned automobile, contingent employers liability, broad form loss of use, personal injury, and incidental medical malpractice. The City will be added as additional insured;

- (b) professional errors and omissions insurance in an amount not less two million (\$2,000,000) dollars insuring all professionals providing the Services from liability resulting from errors or omissions in the performance of the Services, with a 12-month maintenance period, and
- (c) automobile liability insurance on all vehicles owned, operated or licensed in the name of the Contractor in an amount not less than three million (\$3,000,000) dollars per occurrence for bodily injury, death and damage to property.

7.4 Insurance Requirements

The Contractor will provide the City with evidence of the required insurance prior to the commencement of this agreement. Such evidence will be in the form of a completed certificate of insurance acceptable to the City. The Contractor will, on request from the City, provide certified copies of all of the Contractor's insurance policies providing coverage relating to the Services, including without limitation any professional liability insurance policies. All required insurance will be endorsed to provide the City with thirty (30) days advance written notice of cancellation or material change restricting coverage. To the extent the City has an insurable interest, the builder's risk policy will have the City as first loss payee. The Contractor will be responsible for deductible amounts under the insurance policies. All of the Contractor's insurance policies will be primary and not require the sharing of any loss by the City or any insurer of the City.

7.5 Contractor Responsibilities

The Contractor acknowledges that any requirements by the City as to the amount of coverage under any policy of insurance will not constitute a representation by the City that the amount required is adequate and the Contractor acknowledges and agrees that the Contractor is solely responsible for obtaining and maintaining policies of insurance in adequate amounts. The insurance policy coverage limits shall not be construed as relieving the Contractor from responsibility for any amounts which may exceed these limits, for which the Contractor may be legally liable.

7.6 Additional Insurance

The Contractor shall place and maintain, or cause any of its sub-contractors to place and maintain, such other insurance or amendments to the foregoing policies as the City may reasonably direct.

7.7 Waiver of Subrogation

The Contractor hereby waives all rights of recourse against the City for loss or damage to the Contractor's property.

8. TERMINATION

8.1 By the City

The City may at any time and for any reason by written notice to the Contractor terminate this agreement before the completion of all the Goods and Services, such notice to be determined by the City at its sole discretion. Upon receipt of such notice, the Contractor will perform no further Goods and Services other than the work which is reasonably required to complete the Goods and Services. Despite any other provision of this agreement, if the City terminates this agreement before the completion of all the Goods and Services, the City will pay to the Contractor all amounts owing under this agreement for Goods and Services provided by the Contractor up to and including the date of termination, plus reasonable termination costs in the amount as determined by the City in its sole discretion. Upon payment of such amounts no other or additional payment will be owed by the City to the Contractor, and, for certainty, no amount will be owing on account of lost profits relating to the portion of the Goods and Services not performed or other profit opportunities.

8.2 Termination for Cause

The City may terminate this agreement for cause as follows:

- (a) If the Contractor is adjudged bankrupt, or makes a general assignment for the benefit of creditors because of its insolvency, or if a receiver is appointed because of its insolvency, the City may, without prejudice to any other right or remedy the City may have, terminate this agreement by giving the Contractor or receiver or trustee in bankruptcy written notice; or
- (b) If the Contractor is in breach of any term or condition of this agreement, and such breach is not remedied to the reasonable satisfaction of the City within 5 days after delivery of written notice from the City to the Contractor, then the City may, without prejudice to any other right or remedy the City may have, terminate this agreement by giving the Contractor further written notice.

If the City terminates this Contract as provided by this Section, then the City may:

- (a) enter into contracts, as it in its sole discretion sees fit, with other persons to complete the Goods and Services;
- (b) withhold payment of any amount owing to the Contractor under this agreement for the performance of the Goods and Services;
- (c) set-off the total cost of completing the Goods and Services incurred by the City against any amounts owing to the Contractor under this agreement, and at the completion of the Goods and Services pay to the Contractor any balance remaining; and
- (d) if the total cost to complete the Goods and Services exceeds the amount owing to the Contractor, charge the Contractor the balance, which amount the Contractor will forthwith pay.

8.3 Curing Defaults

If the Contractor is in default of any of its obligations under this agreement, then the City may without terminating this agreement, upon 5 days written notice to the Contractor, remedy the default and set-off all costs and expenses of such remedy against any amounts owing to the Contractor. Nothing in this agreement will be interpreted or construed to mean that the City has any duty or obligation to remedy any default of the Contractor.

9. APPLICABLE LAWS, POLICIES, BUILDING CODES AND BY-LAWS

9.1 Applicable Laws and City Policies

This agreement will be governed by and construed in accordance with the laws of the Province of British Columbia. The City and the Contractor accept the jurisdiction of the courts of British Columbia and agree that any action under this agreement be brought in such courts.

The Contractor shall comply with all applicable policies, procedures and instructions provided by the City.

9.2 Codes and By-Laws

The Contractor will provide the Goods and Services in full compliance with all applicable laws, building codes and regulations.

9.3 Interpretation of Codes

The Contractor will, as a qualified and experienced professional, interpret applicable codes, laws and regulations applicable to the performance of the Goods and Services. If an authority having jurisdiction imposes an interpretation which the Contractor could not reasonably have verified or foreseen prior to entering into this agreement, then the City will pay the additional costs, if any, of making alterations so as to conform to the required interpretation.

10. CONFIDENTIALITY AND DISCLOSURE OF INFORMATION

10.1 No Disclosure

Except as provided for by law or otherwise by this agreement, the Contractor will keep strictly confidential any information supplied to, obtained by, or which comes to the knowledge of the Contractor as a result of the performance of the Goods and Services and this agreement, and will not, without the prior express written consent of the City, publish, release, disclose or permit to be disclosed any such information to any person or corporation, either before, during or after termination of this agreement, except as reasonably required to complete the Goods and Services.

10.2 Freedom of Information and Protection of Privacy Act

The Contractor acknowledges that the City is subject to the *Freedom of Information and Protection of Privacy Act* of British Columbia and agrees to any disclosure of information by the City required by law.

10.3 Return of Property

The Contractor agrees to return to the City all of the City's property at the completion of this agreement, including any and all copies or originals of reports provided by the City.

11. USE OF WORK PRODUCT

The Contractor hereby sells, assigns and transfers to the City the right, title and interest required for the City to use and receive the benefit of all the reports, drawings, plans, designs, models, specifications, computer software, concepts, products, designs or processes or other such work product produced by or resulting from the Services rendered by the Contractor.

12. WORKERS' COMPENSATION BOARD AND OCCUPATIONAL HEALTH AND SAFETY

The Contractor agrees that it shall, at its own expense, procure and carry, or cause to be procured, carried and paid for, full Workers' Compensation Board coverage for itself and all workers, employees, servants and others engaged in the supply of the Goods and Services. The Contractor agrees that the City has the unfettered right to set off the amount of the unpaid premiums and assessments for the Workers' Compensation Board coverage against any monies owing by the City to the Contractor. The City will have the right to withhold payment under this agreement until the Workers' Compensation Board premiums, assessments or penalties in respect of the Goods and Services have been paid in full.

The Contractor will provide the City with the Contractor's Workers' Compensation Board registration number and a letter from the Workers' Compensation Board confirming that the Contractor is registered in good standing with the Workers' Compensation Board and that all assessments have been paid to the date thereof prior to the City having any obligations to pay monies under this agreement.

The Contractor agrees that it is the prime contractor for the Services as defined in the *Workers Compensation Act, R.S.B.C. 2019, c.1*. The Contractor will have a safety program in place that meets the requirements of the Workers' Compensation Board Occupational Health and Safety Regulation and the *Workers Compensation Act*. As prime contractor, the Contractor will be responsible for appointing a qualified coordinator for insuring the health and safety activities for the location of the Services. That person will be the person so identified in this agreement, and the Contractor will advise the City immediately in writing if the name or contact number of the qualified coordinator changes.

Without limiting the generality of any other indemnities granted by the Contractor in this agreement, the Contractor shall indemnify and save harmless the Indemnitees from and against all claims, demands, causes of action, suits, losses, damages, costs, liabilities, expenses, judgements, penalties and proceedings (including all actual legal costs) which any of the Indemnitees incur, suffer or are put to arising out of or in any way related to unpaid Workers' Compensation Board assessments owing from any person or corporation engaged 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 the Workers' Compensation Board, including penalties levied by the Workers' Compensation Board.

The Contractor will ensure compliance with and conform to all health and safety laws, by-laws or regulations of the Province of British Columbia, including without limitation the *Workers Compensations Act* and Regulations pursuant thereto.

The City may, on twenty-four (24) hours written notice to the Contractor, install devices or rectify any conditions creating an immediate hazard existing that would be likely to result in injury to any person. However, in no case will the City be responsible to ascertaining or discovering, through inspections or review of the operations of the Contractor or otherwise, any deficiency or immediate hazard.

The Contractor understands and undertakes to comply with all Workers' Compensation Board Occupational Health and Safety Regulations for hazardous materials and substances, and in particular with the "Workplace Hazardous Materials Information System (WHMIS)" Regulations. All "Material Safety Data Sheets (MSDS)" shall be shipped along with the Goods and any future MSDS updates will be forwarded.

13. BUSINESS LICENSE

The Contractor will obtain and maintain throughout the term of this agreement a valid City of Surrey business license.

14. DISPUTE RESOLUTION

14.1 Dispute Resolution Procedures

The parties will make reasonable efforts to resolve any dispute, claim, or controversy arising out of this agreement or related to this agreement ("**Dispute**") using the dispute resolution procedures set out in this Section 14.

(a) Negotiation

The parties will make reasonable efforts to resolve any Dispute by amicable negotiations and will provide frank, candid and timely disclosure of all relevant facts, information and documents to facilitate negotiations.

(b) Mediation

If all or any portion of a Dispute cannot be resolved by good faith negotiations within 30 days, either party may by notice to the other party refer the matter to mediation. Within 7 days of delivery of the notice, the parties will mutually appoint a mediator. If the parties fail to agree on the appointment of the mediator, then either party may apply to the British Columbia International Commercial Arbitration Centre for appointment of a mediator. The parties will continue to negotiate in good faith to resolve the Dispute with the assistance of the mediator. The place of mediation will be Surrey, British Columbia. Each party will equally bear the costs of the mediator and other out-of-pocket costs, and each party will bear its own costs of participating in the mediation.

(c) Litigation

If within 90 days of the request for mediation the Dispute is not settled, or if the mediator advises that there is no reasonable possibility of the parties reaching a negotiated resolution, then either party may without further notice commence litigation.

15. JURISDICTION AND COUNCIL NON-APPROPRIATION

Nothing in this agreement limits or abrogates, or will be deemed to limit or abrogate, the jurisdiction of the Council of the City in the exercise of its powers, rights or obligations under any public or private statute, regulation or by-law or other enactment.

The Contractor recognizes and agrees that the City cannot make financial commitments beyond the City's current fiscal year. The City will annually make bonafide requests for appropriation of sufficient funds to cover all payments covered by this agreement. If City Council does not appropriate funds, or appropriates insufficient funds, the City will notify the Contractor of its intention to terminate or reduce the services so affected within 30 days after the non-appropriation becomes final. Such termination shall take effect 30 days from the date of notification, shall not constitute an event of default and shall relieve the City, its officers and employees, from any responsibility or liability for the payment of any further amounts under this agreement.

16. GENERAL

16.1 Entire Agreement

This agreement, including the Appendices and any other documents expressly referred to in this agreement as being a part of this agreement, contains the entire agreement of the parties regarding the provision of the Goods and Services and no understandings or agreements, oral or otherwise, exist between the parties except as expressly set out in this agreement. This agreement supersedes and cancels all previous agreements between the parties relating to the provision of the Goods and Services.

16.2 Amendment

This agreement may be amended only by agreement in writing, signed by both parties.

16.3 Contractor Terms Rejected

In the event that the Contractor issues an invoice, packing slip, sales receipt, or any like document to the City, the City accepts the document on the express condition that any terms and conditions in it which constitute terms and conditions which are in addition to or which establish conflicting terms and conditions to those set out in this agreement are expressly rejected by the City.

16.4 Survival of Obligations

All of the Contractor's obligations to perform the Goods and Services in a professional and proper manner will survive the termination or completion of this agreement.

16.5 Cumulative Remedies

The City's remedies under this agreement are cumulative and in addition to any right or remedy which may be available to the City at law or in equity.

16.6 Notices

Any notice, report or other document that either party may be required or may wish to give to the other should be in writing, unless otherwise provided for, and will be deemed to be validly given to and received by the addressee, if delivered personally, on the date of such personal delivery, if delivered by facsimile, on transmission, or if by mail, five calendar days after posting. The addresses for delivery will be as follows:

(a) The City:

City of Surrey, Surrey City Hall
 insert department/division/section name
13450 – 104 Avenue, Surrey, B.C., Canada V3T 1V8

Attention: **insert contact name**
 insert title

Telephone No.: **insert**
Fax No.: **insert**
Email: **insert**

(b) The Contractor:

 insert name and address

Attention: **insert contact name**
 insert title

Business Fax No.: **insert**
Business Email: **insert**

16.7 Unenforceability

If any provision of this agreement is invalid or unenforceable, it will be severed from the agreement and will not affect the enforceability or validity of the remaining provisions of the agreement.

16.8 Headings

The headings in this agreement are inserted for convenience of reference only and will not form part of nor affect the interpretation of this agreement.

16.9 Singular, Plural and Gender

Wherever the singular, plural, masculine, feminine or neuter is used throughout this agreement the same will be construed as meaning the singular, plural, masculine, feminine, neuter or body corporate where the context so requires.

16.10 Waiver

No waiver by either party of any breach by the other party of any of its covenants, obligations and agreements will be a waiver of any subsequent breach or of any other covenant, obligation or agreement, nor will any forbearance to seek a remedy for any breach be a waiver of any rights and remedies with respect to such or any subsequent breach.

16.11 Signature

This agreement may be executed in one or more counterparts all of which when taken together will constitute one and the same agreement, and one or more of the counterparts may be delivered by fax or PDF email transmission.

16.12 Enurement

This agreement shall enure to the benefit of and be binding upon the respective successors and permitted assigns of the City and the Contractor.

IN WITNESS WHEREOF the parties hereto have executed this Agreement on the day and year first above written.

CITY OF SURREY

I/We have the authority to bind the City.

(Signature of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

[INSERT NAME OF CONTRACTOR]

I/We have the authority to bind the Contractor.

(Legal Name of Contractor)

(Signature of Authorized Signatory)

(Signature of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

(APPENDICES 1 THROUGH 5 WILL BE INSERTED LATER WHEN AN AGREEMENT IS ASSEMBLED FOR EXECUTION INCLUDING INFORMATION FROM THE RFP AND SUCCESSFUL PROPOSAL)

APPENDIX 1 – SPECIFICATIONS OF GOODS AND SCOPE OF SERVICES

APPENDIX 2 – FEES AND PAYMENT

APPENDIX 3 – TIME SCHEDULE

APPENDIX 4 – PERSONNEL AND SUB-CONTRACTORS

APPENDIX 5 – ADDITIONAL SERVICES

SCHEDULE C – FORM OF PROPOSAL

RFP Project Title: Water Leak Detection, Acoustic, Pilot Project

RFP Reference No.: 1220-030-2024-042

Legal Name of Proponent: _____

Contact Person and Title: _____

Business Address: _____

Business Telephone: _____

Business Fax: _____

Business E-Mail Address: _____

TO:

City of Surrey

City Representative: Sunny Kaila, Manager, Procurement Services

Email for PDF Files: purchasing@surrey.ca

Dear Sir:

1.0 I/We, the undersigned duly authorized representative of the Proponent, having received and carefully reviewed all of the Proposal documents, including the RFP and any issued addenda posted on the City Website and BC Bid Website, and having full knowledge of the Goods and Services required, and having fully informed ourselves as to the intent, difficulties, facilities and local conditions attendant to performing the Goods and Services, submit this Proposal in response to the RFP.

2.0 **I/We confirm** that the following schedules are attached to and form a part of this Proposal:

- Schedule C-1 – Statement of Departures;
- Schedule C-2 – Proponent’s Experience, Reputation and Resources;
- Schedule C-3 – Proponent’s Technical Proposal (Goods and Services);
- Schedule C-4 – Proponent’s Technical Proposal (Time Schedule); and
- Schedule C-5 – Proponent’s Financial Proposal.

3.0 **I/We confirm** that this proposal is accurate and true to best of my/our knowledge.

4.0 I/We confirm that, if I/we am/are awarded the agreement, I/we will at all times be the “prime contractor” as provided by the Worker’s Compensation Act (British Columbia) with respect to the Goods and Services. I/we further confirm that if I/we become aware that another

contractor at the place(s) of the Goods and Services has been designated as the “prime contractor”, I/we will notify the City immediately, and I/we will indemnify and hold the City harmless against any claims, demands, losses, damages, costs, liabilities or expenses suffered by the City in connection with any failure to so notify the City.

This Proposal is submitted by this **[day]** day of **[month]**, **[year]**.

I/We have the authority to bind the Proponent.

(Legal Name of Proponent)

(Signature of Authorized Signatory)

(Signature of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

SCHEDULE C-1 - STATEMENT OF DEPARTURES

1. I/We have reviewed the proposed agreement attached to the RFP as Schedule "B". If requested by the City, I/we would be prepared to enter into that agreement, amended by the following departures (list, if any):

Section	Requested Departure(s) / Alternative(s)

2. The City of Surrey requires that the successful Proponent have the following in place **before commencing the Services**:

- (a) Workers' Compensation Board coverage in good standing and further, if an "Owner Operator" is involved, personal operator protection (P.O.P.) will be provided,
Workers' Compensation Registration Number _____;
- (b) Prime Contractor qualified coordinator is Name: _____ and Contact Number: _____;
- (c) Insurance coverage for the amounts required in the proposed agreement as a minimum, naming the City as additional insured and generally in compliance with the City's sample insurance certificate form available on the City's Website at www.surrey.ca search [Standard Certificate of Insurance](#);
- (d) City of Surrey or Intermunicipal business license Number: _____;
- (e) If the Proponent's Goods and Services are subject to GST, the Proponent's GST Number is _____; and
- (f) If the Proponent is a company, the company name indicated above is registered with the Registrar of Companies in the Province of British Columbia, Canada, Incorporation Number _____.

As of the date of this Proposal, we advise that we have the ability to meet all of the above requirements **except as follows** (list, if any):

Section	Requested Departure(s) / Alternative(s)

3. I/We offer the following alternates to improve the Services described in the RFP (list, if any):

Section	Requested Departure(s) / Alternative(s)

4. The Proponent acknowledges that the departures it has requested in Sections 1, 2 and 3 of this Schedule C-1 will not form part of the agreement unless and until the City agrees to them in writing by initialling or otherwise specifically consenting in writing to be bound by any of them.

SCHEDULE C-2 - PROPONENT'S EXPERIENCE, REPUTATION AND RESOURCES

Proponents should provide information on the following (use the spaces provided and/or attach additional pages, if necessary):

- (i) Location of primary business, branch locations, background, stability, structure of the Proponent and number of years business has been operational;
- (ii) Proponent's relevant experience and qualifications in delivering Goods and Services similar to those required by the RFP;
- (iii) Proponent's demonstrated ability to provide the Goods and perform the Services;
- (iv) Proponent's equipment resources, capability and capacity, as relevant (including equipment resources under the Proponent's control, equipment resources to be rented, and equipment resources to be purchased);
- (v) Proponent's references (name and telephone number). The City's preference is to have a minimum of three references;
- (vi) Proponent's financial strength (with evidence such as financial statements, bank references);
- (vii) Proponents should provide information on the background and experience of all key personnel proposed to undertake the Services (use the spaces provided and/or attach additional pages, if necessary):

Key Personnel

Name: _____

Experience:

Dates: _____

Project Name: _____

Responsibility: _____

Dates: _____

Project Name: _____

Responsibility: _____

Dates: _____

Project Name: _____

Responsibility: _____

Sub-Contractors

(viii) Proponents should provide the following information on the background and experience of all sub-contractors proposed to undertake a portion of the Goods and Services (use the spaces provided and/or attach additional pages, if necessary):

DESCRIPTION OF SERVICES	SUB-CONTRACTORS NAME	YEARS OF WORKING WITH PROPONENT	TELEPHONE NUMBER AND EMAIL

(ix) Describe any difficulties or challenges you might anticipate in providing the Goods and Services to the City and how you would plan to manage these;

SCHEDULE C-3 - PROPONENT'S TECHNICAL PROPOSAL (GOODS AND SERVICES)

Proponents should provide the following (use the spaces provided and/or attach additional pages, if necessary):

- (i) a narrative that illustrates an understanding of the City's requirements for the Goods and Services;
- (ii) a description of the general approach and methodology that the Proponent would take in providing the Goods and performing and managing the Services including specifications and requirements;
- (iii) a narrative that illustrates how the Proponent will provide the Goods and perform the Services, and accomplish required objectives within the City's schedule;
- (iv) a description of the standards to be met by the Proponent in providing the Goods and Services;
- (v) a Decommissioning Plan;
- (vi) a list of reports that you would anticipate providing the City's management team, including their relationship to project milestones and the method of delivery (electronic, paper, e-mail, other);
- (vii) Value Added Services: The Proponent should provide a description of value added, innovative ideas and unique services that the Proponent can offer to implement the City's requirements relevant to the scope of Services described in this RFP. Unless otherwise stated, it is understood that there are no extra costs for these goods and services;

SCHEDULE C-4 - PROPONENT’S TECHNICAL PROPOSAL (TIME SCHEDULE)

The City encourages responses that demonstrate a thorough understanding of the nature of the work and what the Proponent must do to get the work done properly. To this end, Proponents should provide an estimated project schedule, with major item descriptions and time indicating a commitment to provide the Goods and perform the Services within the time specified (use the spaces provided and/or attach additional pages, if necessary).

MILESTONE DATES _____

ITEM DESCRIPTION	SCHEDULE IN									
	1	2	3	4	5	6	7	8	9	10

SAMPLE

SCHEDULE C-5 - PROPONENT'S FINANCIAL PROPOSAL

Indicate the Proponent's proposed fee (excluding GST), and the basis of calculation (use the spaces provided and/or attach additional pages, if necessary) as follows (as applicable):

Schedule of Rates:

To provide all labour, materials, equipment and all other services necessary for the provision of Water Leak Detection, Acoustic, Pilot Project as stated in Schedule A.

Item #	Item Description	Unit (ea/hr/m)	Quantity	Unit Price	Price
1.0	Project Management				
1.1	Project Management				
2.0	Project Preparation				
2.1	Acoustic Leak Detection (ALD) Plan				
2.2	Meter Replacement Plan				
2.3	Real-Time Data Collection and Transfer System Plan				
2.4	Decommissioning Plan				
2.5	Preparation and Distribution of Letters to Affected Residents				
2.6	Propagation Study (If Required)				
2.7	Spectrum Licensing (If Required)				
3.0	Supply and Installation				
3.1	ALD Sensor				
3.2	Water Meter - 16mm				
3.3	Water Meter - 19mm				
3.4	Water Meter - 25mm				
3.5	Water Meter - 38mm				
3.6	Water Meter - 50mm				
3.7	Water Meter - 75mm				

3.8	Real-Time Data Collection and Transfer System Components – ALD Sensors				
3.9	Real-Time Data Collection and Transfer System Components – Water Meters				
3.10	Real-Time Data Collection and Transfer System Components – General				
4.0	Pilot Study				
4.1	Test to validate initial operation of all equipment				
4.2	Monitor operation of all equipment				
4.3	Export meter data to required format to work with City billing system (Tempest)				
5.0	Decommissioning (Optional)				
5.1	Remove ALD Sensors				
5.2	Remove Water Meters/ Revert to original reading system				
5.3	Remove Real Time Data Collection and Transfer System Equipment				
6.0	Project Closure and Reporting				
6.1	Draft Report				
6.2	Final Report				
7.0	Miscellaneous Items				
7.1	Other				
Currency: CAD				Subtotal:	
Note: Overheads, General Conditions and Profit are to be included in the above amounts				GST(5%):	
				PST (as applicable):	
				TOTAL PROPOSAL PRICE:	

Proponents should complete the following tables setting out the all-inclusive hourly rates including overhead, profit, small tools and work vehicles (trucks/vans) for approved extras/credits for all applicable categories of labour (use the spaces provided and/or attach additional pages, if necessary):

Table 1 – Schedule of Labour Rates:

Labour Category	Straight Time/hr (Plus GST)	Overtime Rate/hr (Plus GST)
.1 Superintendent	\$	\$
.2 Foreman	\$	\$
.3 Journeyman	\$	\$
.4 Apprentice	\$	\$
.5 Skilled Labourer	\$	\$
.6	\$	\$

Table 2 – Schedule of Equipment Rates:

No.	Equipment Description	Hourly Rate
		\$
		\$

Additional Expenses:

The proposed Contract attached as Schedule “B” to the RFP provides that expenses are to be included within the fee, other than the expenses listed in the Contract as disbursements. Details of disbursements are to be shown in the chart above. Please indicate any expenses that would be payable in addition to the proposed fee and proposed disbursements set out above:

Payment Terms:

A cash discount of _____% will be allowed if account is paid within _____ days, or the _____ day of the month following, or net 30 days, on a best effort basis.

ATTACHMENT 1 – PRIME CONTRACTOR DESIGNATION

Letter of Understanding

As per the requirements of the *Workers' Compensation Act*, R.S.B.C. 2019, Chapter 1, Part 2, Division 4, Section 24 and 25 which states:

Coordination of multiple-employer workplaces

24 In this section:

"multiple-employer workplace" means a workplace where workers of 2 or more employers are working at the same time:

"prime contractor" means, in relation to a multiple-employer workplace,

- (1) The prime contractor of a multiple-employer workplace must
 - (a) ensure that the activities of employers, workers and other persons at the workplace relating to occupational health and safety are coordinated, and
 - (b) do everything that is reasonably practicable to establish and maintain a system or process that will ensure compliance with this Part and the regulation in respect to the workplace.
- (2) Each employer of workers at a multiple-employer workplace must give to the prime contractor the name of the person the employer has designated to supervise the employer's workers at that workplace.

By signing this Agreement, the Contractor accepts all responsibilities of a prime contractor as outlined in the *Workers' Compensation Act*, and WorkSafeBC OH&S Regulation.

As a Contractor signing this Prime Contractor Designation form with the City of Surrey (the "owner"), you are agreeing that your company, management staff, supervisory staff and workers will comply with the *Workers' Compensation Board (WCB) Occupational Health and Safety Regulation* and the *Workers' Compensation (WC) Act*.

Any WorkSafeBC OH&S violation by the prime contractor may be considered a breach of contract resulting in possible termination or suspension of the agreement and/or any other actions deemed appropriate at the discretion of the City.

Any penalties, sanctions or additional costs levied against the City, as a result of the actions of the prime contractor are the responsibility of the prime contractor.

The Contractor acknowledges having read and understood the information above.

By signing this Prime Contractor Designation form, the Contractor agrees as a representative of the firm noted below, to accept all responsibilities of the prime contractor for this project.

The Contractor understands and accepts the responsibilities of the prime contractor designation in accordance with the *Workers' Compensation Act* while contracted by the City of Surrey for project and will abide by all *Workers' Compensation Board Regulation* requirements.

Project File No.: 1220-030-2024-042

Project Title and Site Location: Water Leak Detection, Acoustic, Pilot Project

Prime Contractor Name: _____

Prime Contractor Address: _____

Business Telephone/Business Fax Numbers: Phone: _____ Fax: _____

Name of Person in Charge of Project: _____

Name of Person Responsible for Coordinating Health & Safety Activities: _____

Phone: _____

Prime Contractor Signature: _____ Date: _____

Please return a signed copy of this memo to the City of Surrey, Finance Department, Procurement Services Section, 13450 – 104 Avenue, Surrey, British Columbia, V3T 1V8

If you have any questions, please contact the City of Surrey, Manager Occupational Health & Safety at 604-591-4658.

ATTACHMENT 2 – CONTRACTOR HEALTH AND SAFETY EXPECTATIONS

Responsibility of the Contractor(s)

The City of Surrey strives to maintain a safe work environment for employees and contractors and insists upon the enforcement of safe practices and procedures in all premises and in all work activities. It is essential that all contractors and their employees and sub-contractor(s) perform in the same manner. It is every employer and contractor's responsibility to ensure that staff and public are protected from workplace hazards.

As a contractor to the City of Surrey, you are expected to conform to the requirements of the Workers' Compensation Act, the WorkSafeBC Occupational Health and Safety Regulation and to all provincial and local laws and regulations. The City of Surrey Building Owner, Project Manager, and the Manager, Occupational Health & Safety or designate have the authority to order an unsafe act to cease or to have an unsafe piece of equipment removed from the premises or, in extreme situations, to shut down a job entirely. Any City of Surrey Employee that observes a safety infraction by a contractor performing work for the City of Surrey should bring it to the attention of a manager immediately or Occupational Health & Safety (604-591-4131).

The following information is provided as typical City of Surrey requirements but does not relieve the contractor from complying with all applicable local and provincial laws, regulations and bylaws.

PERSONNEL

1. You are expected to inform your employees of any potential hazard in the workplace and advise of appropriate action to be taken should a hazard be found or a fire or accident occur.
2. Contractors will restrict persons invited on the premises to employees only. No families or friends are permitted.
3. The contractor will advise the City of any on-site accidents involving the contractor's employees, or injuries to others caused by the contractor's business.

SAFETY MANAGEMENT SYSTEM

1. Contractors will ensure their employees utilize proper safety equipment and clothing as required for job site activities.
2. Contractors must follow and have on site proper written safe work procedures for hazardous work, e.g. Fall protection, confined space entry, hot work, lockout, excavations and shoring, traffic management, etc.
3. Contractor must identify workplace hazards and implement suitable controls to decrease the risk.
4. Contractor must provide safety training and education to staff and have training records available for review.
5. Contractor must have a health & safety program for its workers and sub-contractors.
6. Contractor will provide appropriate First-Aid coverage for their workers and subcontractors.
7. Contractor must forward a weekly work task list prior to work commencement to the

coordinator.

8. The qualified safety coordinator must participate in the City of Surrey OHS Orientation or attend the Prime Contractor's Orientation.

WORK AREAS –City Facilities

No work by contractors shall occur in any area without prior consent of the City of Surrey Manager, Civic Facilities or their designated representative. Work during normal business hours of the City shall not create undue noise, smells or otherwise unduly disturb the work of City of Surrey staff or the public. If an activity requires that a disturbance is likely, the contractor shall whenever possible only do that work outside normal business hours.

All activities that create a hazard (i.e., work from a ladder, removal of a floor tile, emission of VOC's, etc.) to persons outside the contractor's supervision shall have warning devices, delineation or barriers, sealed spaces, etc. as would normally be required to protect any person from that hazard.

SAFETY ATTITUDE

Your safety record and attitude are important criteria used to judge your qualification for future bidding on solicitations with the City of Surrey. You can help ensure employee safety and your eligibility for future business with the City if you exhibit and practice a "Safe Work - Safe City" attitude.

The City of Surrey is concerned about the health, safety and wellbeing of all employees and contractors. It is essential we maintain a healthy, safe and productive work environment.

All Employees & Contractors:

It is everyone responsibility to:

- know and comply with WorkSafeBC regulations
- follow established safe work procedures
- immediately report any work-related injury to his/her supervisor; and to the city representative
- not remain on the work site while his/her ability to work is in any way impaired
- report unsafe acts and conditions to their supervisor
- correct unsafe conditions immediately whenever it is possible to do so
- take reasonable care to protect your health & safety and the health and safety of other persons who may be affected by your acts or omissions at work

An employee must refuse to work if continuing to do so would endanger the health and safety of the employee, fellow employees, or others. The worker must immediately report the circumstances of the unsafe condition to his or her supervisor or manager. If the unsafe condition is not remedied or the issue is not resolved the Manager, Occupational Health & Safety must be contacted.

GENERAL RULES

1. For all secured worksites, contracted workers are required to sign in and sign out each day
2. (Access cards may be issued – a worker may need to provide an Identification document (i.e. Driver's License) in exchange).
3. Personal protective equipment, as determined by the City, through consultation with the Contractors Health and Safety Representatives must be worn when and where required. (Hard Hats, Safety Footwear, Safety Vests and Safety Glasses must be worn on active construction sites. Hearing Protection must be worn when noise levels are above 85dBA.)
4. Horseplay, gambling and the use of alcohol or narcotics will not be tolerated.
5. No Smoking within 7.5M of a City owned buildings door exits, windows and vents.
6. Report **ALL** injuries to your supervisor immediately and notify the City's site representative.
7. Report any unsafe conditions, including someone under the influence or hazards, which may allow an injury to occur to you, a fellow worker, or others on the worksite.
8. Report any property damage, regardless of how minor.
9. Restricted and controlled products will be labeled, used and stored in accordance with the associated regulations, e.g., WHMIS. Follow all procedural instructions when using or handling hazardous materials/controlled products and ensure that all containers of hazardous/controlled product materials are properly labelled and stored in designated areas.
10. Obey all posted signs and notices. Do not venture into areas that you are not authorized to enter.
11. Always use the correct posture when lifting and get assistance if the weight is excessive.
12. Do not work within the limits of approach to high voltage equipment.
13. If working at heights greater than 10 feet a Fall Protection system must be in place. The appropriate Fall Protection equipment must be worn at all times. If working at 25 feet or higher, that is not protected by permanent guardrails, a written workplace fall protection plan must be developed.
14. Housekeeping (Orderliness and good housekeeping are basic requirements and must be maintained at all times):
 - a. Aisles are to be kept clear at all times.
 - b. Individual work areas are to be kept clean and tidy. All materials, tools, products and equipment are to be kept in their designated areas.
 - c. Liquid spills are to be cleaned up immediately to prevent slips and falls.
 - d. Accumulation of oily rags, combustible refuse or similar fire hazards will not be tolerated.
15. Fire Prevention:
 - a. Become familiar with surroundings and emergency exit.
 - b. Ensure aisles and exits are not blocked at any time.
 - c. Anytime a fire extinguisher is used, report it immediately to your supervisor, so that it can be recharged.
16. Equipment Operation (Any equipment, which could create a hazard, must be maintained in good condition):
 - a. Equipment must not be repaired, adjusted or operated unless by a "competent person"

who understand the safe operating procedures.

- b. Always be aware of the use and location of the "EMERGENCY STOP" button, if equipment is so equipped, before using the equipment.
 - c. Loose clothing, jewelry and long hair must be secured to prevent becoming entangled with equipment.
 - d. The Operator must check all safety devices on equipment before operation.
 - e. All equipment must be turned off and the appropriate "lock-out" procedure followed, prior to repairs, cleaning, adjustment or lubrication.
 - f. Radio/I-pod Headphones are not allowed to be worn during regular work operations.
 - g. All ladders must be of an approved type and length. Unacceptable ladders must be removed immediately from the premises.
 - h. All vehicles and equipment on City property must be kept in safe mechanical condition at all times and be operated only by persons with a valid driver's license and/or proper training and qualifications.
 - i. Contractors will not operate any equipment, valves, switches, etc., which are part of the City's operation, unless specific permission is received from the Department Representative.
17. Ground Disturbance –Every time you dig in the ground, with a shovel or mechanized equipment, you run the risk of loss of life or damage to property if you hit any of the many buried cables, conduits, gas or oil pipelines and/or other underground facilities that serve our city. BC One Call Must be called and a ticket obtained prior to commencing any ground disturbance activities.
18. An Exposure Control Plan and written Safe Work Procedures and must be accessible for work tasks that involve handling or disturbing Asbestos (ie. AC pipe), Lead (ie. paint) or Silica (ie. concrete) containing products.

This document does not replace the Workers' Compensation Act or WorkSafeBC OH&S regulation. Each individual Contractor must have specific health and safety safe work rules and procedures that apply to their work tasks. Each Contractor must comply with the Workers' Compensation Act and WorkSafeBC Occupational Health & Safety Regulation and to provincial, and local laws and regulations. If a contractor is unable to comply they must bring this to the attention of their qualified safety representative and to the Prime Contractor safety representative immediately.

Authorized Signature: _____

Name: _____
(Please Print)

Date: _____