

REQUEST FOR PROPOSAL

DISTRICT OF LOGAN LAKE

**SUPPLY A HOTBOX RECLAIMER WITH INFRARED
RECYCLER TRAILER AND ACCESSORIES**

CONTRACT No. RFP-2025-03

March 2025

Prepared by:
Mel Bohmer, Director of Public Works and Recreation

**District of Logan Lake
Box 190, 1 Opal Drive
Logan Lake, BC V0K 1W0**

District of Logan Lake

REQUEST FOR PROPOSAL

SUPPLY PROJECT # : RFP-2025-03, Supply of One (1) Hotbox Reclaimer with Infrared Recycler trailer and Accessories for Pothole patching.

The District of Logan Lake is inviting Proposals for the supply of One (1) Hotbox Reclaimer with Infrared Recycler trailer and Accessories for its fleet. Further details on required specifications are provided in Section C of this RFP document.

The Request for Proposal is posted and available for download on the BC Bid website (www.bcbid.ca), and District website (www.loganlake.ca). Please note that it is the responsibility of the proponent to occasionally check the website to ensure they receive all addendums that may be posted there.

Proponents are requested to return **One (1) signed original and one (1) copy** of their Proposal, in a sealed package clearly marked **“RFP-2025-03 Supply of One (1) Hotbox Reclaimer with Infrared Recycler trailer and Accessories ”** to the undersigned by the **closing time of 2:00 P.M. Local Time, Friday April 11, 2025.**

District of Logan Lake
Box 190, 1 Opal Drive
Logan Lake, BC V0K 1W0

Attn: Mel Bohmer, Director of Public Works and Recreation

Proposals may also be emailed to: mbohmer@loganlake.ca

Facsimile Proposals will not be considered. Proposals received after the closing date and time may or may not be considered. The District of Logan Lake reserves the right to accept or reject any or all proposals, or to accept the proposal which it deems most favorable in the interest of the District. The lowest of any proposal will not necessarily be accepted.

Prices submitted shall include all freight, documentation fees, FOB District of Logan Lake, taxes extra.

There will be no public opening for this Request for Proposal (RFP). No information will be disclosed from the time of Bid opening to the time the contract is awarded. Once a contract has been awarded the successful Proponents' name will be available upon request. All Proposals become the property of the District of Logan Lake and are subject to the Freedom of Information and Privacy Legislation.

For all inquiries contact: Mel Bohmer – Buyer: mbohmer@loganlake.ca

Section A: Instructions to Proponents

INSTRUCTIONS TO PROPONENTS

Definitions

The following words and terms, unless the context otherwise requires, will have the meanings set out below:

“Closing Time” means the closing date, time and place as set out on the title page of this RFP.

“Contract” means the Agreement formed between the District of Logan Lake and the successful Proponent by method of “Contract Award Letter”.

“District” means the Corporation of the District of Logan Lake.

“District’s Representative” will mean the employee of the District designated to administer work under this contract.

“Proposal” means a proposal submitted in response to this RFP.

“Proponent” means a responder to this Request for Proposals.

“RFP” means this Request for Proposal document in its entirety, including any amendments, and/or clarifications pertaining to this RFP that may be issued prior to the Closing Time.

“Requirements” means all of the specifications, and requirements set out in the RFP.

“Supplier” will mean the party awarded the contract by the District.

Alternatives

The Proponent’s basic Proposal shall conform strictly to the requirements of the Request for Proposal documents and may also submit an alternative which is superior to or less costly than the basic Proposal.

Terminology

Terminology such as, “must”, “shall”, “should”, or “may” identify the criticality of requirement. The terms “must”, and “shall”, are mandatory terms. “Should” and “may” are preferred, but less desirable and may affect the overall rating of the Proposal.

Section A: Instructions to Proponents

Proposal Form and Content

Proposals should be submitted only on Appendix II Form of Proposal and Part C Specifications provided. Unless specifically requested, the inclusion of corporate brochures and narratives are discouraged.

The legal name and address of the Proponent is to be used when signing the Proposal documents.

All costs incurred by Proponents in the preparation and presentation of their Proposal will be at their own expense.

Discrepancies or Omissions

Proponents finding discrepancies or omissions in the Request for Proposal documents or having any doubts to the meaning or intent of any part thereof should immediately notify the purchasing contact, which may send instructions or explanations to all Proponents on record with the District. Addenda or correspondence issued during the Request for Proposal period shall be considered part of this document and become part of the final Contract documents. Except as provided by the above paragraph; no additions or deletions from the contents of these documents will be permitted.

Proposal Validity

Under Form of Proposal, the Proponent is required to state the time duration their Proposal will be valid for. The District may request to extend the Proposal validity duration beyond the stated time with written notice to the Proponents.

Late Proposals

At the District's sole discretion, it reserves the right to accept or reject Proposals received after the closing time.

Acceptance and Rejections of Proposals

The lowest price Proposal or any Proposal will not necessarily be accepted. The District reserves the right to accept a Proposal which, in its unfettered discretion, is deemed most advantageous to the District. The District also reserves the right to reject any or all Proposals, in each case without giving any notice, and without liability to any Proponent or Proponents. The District reserves the right, in its sole discretion, to negotiate with any or all Proponents.

No "Contract A" obligation is formed as a result of this Invitation to Proposal.

Proposals that contain qualifying conditions or may otherwise fail to conform to the Instructions to Proponents may be disqualified or rejected.

Section A: Instructions to Proponents

The District also reserves the additional right, in its sole discretion, to waive irregularities in the Proposal form, whether of a minor or a major nature.

Notwithstanding any other provision in the RFP document, the District has in its sole discretion, the unfettered right to:

- accept any Proposal;
- reject any Proposal;
- reject all Proposals;
- accept a Proposal which is not the lowest Proposal;
- accept a Proposal that deviates from the Requirements, Specifications or the conditions specified in this RFP;
- reject a Proposal even if it is the only Proposal received by the District;
- accept all or any part of a Proposal; and
- split the Requirements between one or more Proponents.

Purchase Approval

Prior to the award of a contract all equipment to be purchased may require approval by The District of Logan Lake Municipal Council.

Specifications

Specifications are shown in Section C. Models and options proposed are to be stated and their respective specifications submitted. All Proposals must be on new production models. The make, model and year must be clearly shown on the Form of Proposal.

Contract Award

This RFP is NOT an order for goods or services, nor does it form a Contract with any Proponent. A Contract will be formed only when the District issues a Contract Award Letter to the successful Proponent. Any resulting Contract will include all information contained within this RFP document, any addendums, the Proponent's Proposal, and negotiations, if any, initiated by the District.

Contract Negotiation

The District reserves the right to negotiate specific terms of the contract with the short-listed Proponent prior to the final award of the contract.

Section A: Instructions to Proponents

Qualifications and Experience

All Proponents should furnish satisfactory evidence as required to demonstrate that they have the qualifications and sufficiently trained and experienced personnel to complete the requirements of the contract to the satisfaction of the District. The District reserves the right to make the final decision, as it sees fit, as to whether or not the Proponent(s) that respond to this Request for Proposal can satisfy this requirement.

References

The District requests that Proponents provide with their Proposals a list of companies with which they are currently or have recently supplied equipment which is identical or similar to that which you are proposing in this Request for Proposals. Please show date of contract, business name, contact name, and phone number for each reference.

Prices

All prices are to be in Canadian currency excluding taxes. Specify any other prices separately on the Form of Proposal. In cases of a discrepancy found between the unit price and the total amount, the unit price shall be considered as being the intention of the Proponent.

Prices are to remain firm up to the date you have specified on the Form of Proposal.

Evaluation Criteria

Proposals will be evaluated on the basis of the overall best value and suitability to the District based on quality, performance, costs, delivery, and any other criteria set out herein including:

- Proponents' ability to meet the product requirements;
- Proven experience in delivering similar or identical products;
- Proponents' ability to deliver the final product when and where required;
- Proponents financial offer including but not limited to prices, operating and maintenance costs, technical support, and any other life cycle considerations;
- Warranty Program;
- Ease of Service and Parts availability;
- Proposal form and content, quality of proposal including innovative concepts; and
- Any other criteria set out in the RFP or otherwise reasonably considered relevant.

Parameter	% of Evaluation
Experience and Qualifications	10%
References	10%
Scope	20%
Schedule/ Delivery	15%
Parts and Service	15%
Pricing	30%

Section A: Instructions to Proponents

Demonstrations

Prior to the award, the District may request a demonstration to employees of the model bid for evaluation. This demonstration is to be at no cost to the District. Failure to comply with this request may be cause for rejection. The decision to request a demonstration lies solely with the District.

Training

The District reserves the right to request a reasonable amount of training time on safety and the correct operating procedures for employees who will be using the equipment offered. Please specify any additional charges for training on the Form of Proposal page.

Delivery

All deliveries are to be F.O.B. Destination, District of Logan Lake, Public Works Yard, 79 Meadow Creek Rd (6880 HWY 97D), Logan Lake BC

- Delivery of completed, road-ready unit to be within 120 days of contract signing unless otherwise agreed upon by both parties;
- District of Logan Lake Shop Mechanic to approve the equipment before delivery is accepted.

Delivery charges, if applicable, and the delivery time required following receipt of order, are to be stated on the Form of Proposal or otherwise will be considered inclusive with unit price.

Conflict of Interest

Proponents shall disclose any potential conflicts of interest and existing business relationships they may have with the District. If requested by the District, Proponents must provide all pertinent information regarding ownership of their company within forty-eight (48) hours of the District's request.

Solicitation of Council Members

Proponents and their agents will not contact any member of the District Council or District staff with respect to this RFP at any time prior to the award of a contract or the termination of this RFP, and the District may reject the Proposal of any Proponent that makes any such contact.

Section A: Instructions to Proponents

Confidentiality

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

Registration of Intent to Respond

Interested Proponents should complete and return the form titled “**Appendix I Registration of Intent to Respond**” Failure to do so may result in your company not receiving addenda and other correspondence related to this Invitation to Proposal.

**End Section
Instructions to Proponents**

Section B: General Terms and Conditions

GENERAL TERMS AND CONDITIONS

General Terms and Conditions

The general terms and conditions shall be part of any Contract awarded as a result of this RFP. Submission of a Proposal in response to this RFP indicates acceptance of all the terms that follow and that are included in any amendment and or addenda issued by the District. Provisions in Proposals that contradict any of the terms of this RFP will be as if not written and do not exist.

Breach of Contract

If the contracted Supplier breaches any terms or conditions of the Contract, or becomes insolvent, enters voluntary or involuntary bankruptcy or receivership proceedings or makes an assignment for the benefit of creditors, the District shall have the right (without limiting any other rights or remedies which it may have hereunder or by operation of both) to terminate any Purchase by written notice to the Supplier, whereupon the District shall be relieved of all further obligations hereunder except the obligation to pay the reasonable value, as determined by the District, of the Supplier's prior performance (not exceeding the total value of the Contract Award) and the Supplier shall be liable to the District for all costs incurred by the District in completing or procuring the completion of performance in excess of the total value of the Contract Award Letter. The District's right to require strict performance of any obligation hereunder shall not be affected by any previous waiver, forbearance or course of dealing.

Cancellation of Contract

If at any time during the contract the Supplier fails to meet the requirements and/or expectations of the District, the remainder of the contract may be cancelled by the District immediately upon notice to the Supplier. Either party to this contract may cancel the contract upon thirty (30) days' written notice to the other party.

Assignment or Sub-letting of Contract

The Supplier shall keep the work under his personal control, and shall not, without the consent in writing of the District, assign or sub-let this contract or any part thereof. If the District should consent to any such assignment or sub-letting of this contract or part thereof the Supplier shall by reason thereof be in no way relieved from their responsibility for the fulfillment of the work but shall continue to be responsible for the same in the same manner as if the said work had been performed by the Supplier themselves.

Section B: General Terms and Conditions

Supplier's Expense

The Supplier shall at his own expense, unless it is expressly stipulated to the contrary, provide, supply, observe, perform and do everything which, in the opinion of the District, may be required for the setting out, the execution and the completion of the work and the fulfilling of the contract.

Time is of the Essence

For all requests made by the District pursuant to the Supplier, time is of the essence.

Acceptability of Equipment

If the equipment ordered is unsuitable, or if quality is not satisfactory in the opinion of the District's Representative, whose opinion shall be final and binding, the District shall be entitled to refuse delivery, or if delivery has been made, shall be entitled to a refund in respect of the whole or portion returned, as the case may be.

Warranty

All warranty coverage must be specified. The warranty period and coverage for the equipment is to commence from the date of acceptance and entrance into corporate service. In some cases, the District may require a letter from the manufacturer of the proposed equipment stating that in the event the supplier can no longer support the equipment, the manufacturer will designate a recommended alternative. Failing that, the manufacturer will support the equipment.

Safety Regulations

All equipment offered must meet Canadian Federal and British Columbia Provincial safety regulations.

Indemnity

The Supplier shall indemnify, protect, and save harmless the District, its officers, agents, servants, and employees from and against all actions, claims, demands of any kind, description, and nature whatsoever arising out of, or in any way connected with the fulfillment of its obligation in accordance with the RFP; and all such actions, causes of actions, claims and demands recoverable by any third party from the District of the property of the District, shall be paid by the Supplier. If the District pays, or is required to pay, any damages, costs, or fees on account of the actions, claims and demands herein recited, or if the property of the District shall be charged in any way as a result of the aforesaid actions, causes of actions, claims for demands, then the District shall be entitled to recover from the supplier all such damages, costs, fees, or other charges together with any costs or expenses incurred in so doing from the Supplier.

Section B: General Terms and Conditions

Deviation from Contract

The Supplier shall not make any alterations or variation in, or addition to, or deviation or omission from the terms of the contract without the written consent of the District.

Invoices and Payment

The District will make payment for equipment only after the equipment ordered has been received, inspected, accepted, and has been deemed suitable to be placed into service by the District.

The Supplier shall send invoices to: **Attention: Jean Finlay, Accounts Payable – Re: Hotbox Reclaimer with Infrared Recycler trailer and Accessories**, District of Logan Lake, Box 190, 1 Opal Drive, Logan Lake, BC V0K1W0.

The name of the District's Representative responsible should appear on all invoices sent to the District.

Payment by the District shall then be made within the standard Net 30 days after the delivery to the District's Finance Department of properly prepared invoices, unless the payment terms offered by the supplier are deemed an advantage to the District, or the District has deemed a portion of payment is to be held back pending satisfactory completion of the contract.

Applicable Law

Each party's performance hereunder shall comply with all applicable laws of British Columbia, Canada. This contract shall be governed by and interpreted in accordance with the laws of the Province of British Columbia. If any part, term or provision of this Agreement shall be held void, illegal, unenforceable, or in conflict with any applicable law, the validity of the remaining portion of provision shall not be affected hereby.

**End Section
General Terms**

SPECIFICATIONS

Proponents are required to submit detailed information on the requirements herein and to verify that minimum specification requirements are satisfied. (Attachments including full list of specifications proposed must be included as attachments in conjunction with completion of this section.) The bidder shall indicate 100% compliance by checking “YES” or non-compliance by checking “NO” for each line item of specification. Any space left blank shall be considered non-compliant. Any deviation from the specification or where submitted literature does not fully support the meeting of specifications, must be clearly cited in detail, in writing, by the bidder and submitted with the bid.

4 TON HOT BOX SPECIFICATIONS

SECTION	SPECIFICATION DETAIL	COMPLY		
		YES	NO	
SECTION 1 <u>GENERAL</u>	1.1	This specification is to describe the asphalt hotbox reclaimer unit designed to manage up to four (4) tons (8,000 lbs.) of plant asphalt road mix.		
	1.2	The unit is designed as a trailer and the hotbox is permanently affixed to the trailer framework.		
	1.3	The unit offers the user the ability to maintain hot mix asphalt or cold patch material at workable temperatures for up to forty-eight (48) hours continuously.		
	1.4	Unit also offers to the user the option to “reclaim” virgin hot mix asphalt from ambient storage temperature to usable hot mix form.		
	1.5	The unit offers the ability to safely maintain temperatures that accommodate standard “cold patching” materials.		
	1.6	The heating unit is an efficient use of fuel and controlled by an electronically controlled thermostat.		
	1.7	Operator must be able to maintain load temperature between 50-350 degrees Fahrenheit.		
SECTION 2 <u>DIESEL</u> <u>CONTROLS</u>	2.1	The unit is to include a sealed weather resistant NEMA Type 4 control panel.		
	2.2	The NEMA Type 4 control panel dimensions measure 12” x 10” x 8”.		
	2.3	The control panel incorporates a Programmable Logic Controller (PLC).		
	2.4	The control panel monitors and controls heating temperatures from 50-350 degrees F.		
	2.5	The control panel allows monitoring, tracking and logging of data.		
	2.6	The control panel incorporates an on-delay burner start up on a 0-168 hour adjustment.		
	2.7	The control panel will display real time voltage with accuracy of +/- 3%.		
	2.8	The control panel incorporates an hour meter with a resettable run time and a Non-Resettable total runtime.		
	2.9	The control panel is to display real time asphalt load and combustion chamber temperatures.		
	2.10	The diesel burner will be controlled digitally with the PLC system.		
	2.11	Burner and controls shall be mounted on the front exterior wall of the storage bin.		

		SPECIFICATION DETAIL	COMPLY	
			YES	NO
SECTION 3 <u>DIESEL</u> <u>BURNER</u>	3.1	Asphalt storage compartment will be heated by a diesel fueled 12VDC KEM 101 Beckett burner.		
	3.2	Burner rating is not to exceed 105,000 BTU.		
	3.3	The diesel burner must be mounted to the hot box above the trailer frame within the chassis. Burners mounted even with or below the frame will not be accepted.		
	3.4	Burner must be easily removed for maintenance by removing four (4) nuts and a fuel line.		
	3.5	The burner is protected and enclosed by a cover keeping the unit and components out of weather and clear of road debris.		
	3.6	The diesel burner will be equipped with an automatic electronic ignition system.		
	3.7	The diesel burner will supply primary combustion air and fuel into the insulated (combustion) fire box during operation.		
	3.8	It will be equipped with 100% safety shut down if burner ignition fails.		
	3.9	In the event of a monitored abnormally high temperature in the combustion chamber the burner will automatically shut down for safety purposes and require the system to be recycled for a manual restart.		
	3.10	Combustion chamber must be an integral part of the burner system and easily removed above the trailer frame.		
	3.11	Combustion chamber is constructed of a one piece 1.5" ceramic refractory board.		
	3.12	The heating system will be supplied with power by a twelve (12) volt gel deep cycle marine battery maintained through the towing vehicle charging system. <small>*A second battery will be added to units with options requiring 12VDC connections.</small>		
	3.13	A permanently mounted 110 volt/12volt battery charger is supplied for overnight charging.		
	3.14	The heating system fuel supply tank shall be a minimum of 29-gallon capacity.		
	3.15	The fuel tank will include a quick site fuel level indicator on top of the tank.		

SECTION 4 <u>TRAILER</u> <u>DESIGN</u>	4.1	Trailer frame will be constructed of eight inch (8") @11.5# channel steel combined with six inch (6") @8.2# structural channel steel. Trailers that use tubular steel will not be accepted.		
	4.2	All corners and fatigue areas will be gusseted.		
	4.3	The trailer frame will include 2 1/2 "x ¼ wall square tube steel cross members.		
	4.4	The upper frame directly beneath the hotbox will be fabricated with a minimum of four, six inch (6") @ 8.2-pound structural channel steel long members and three, six inch (6") channel steel@ 8.2-pound structural channel steel cross members to support frame and hydraulic scissors hoist.		
	4.5	The trailer will have tandem, 7000# rated axles. 24", five (5) leaf slipper springs will be used for suspension.		
	4.6	Wheels will be 16", white spoke rims and ST235/80R16 tires with a minimum load rating of 3520# each.		
	4.7	Twelve (12) volt DC electric brakes will be provided on all wheels.		
	4.8	Front leveling jack will be 7,000-pound minimum capacity with 15" adjustable pad.		
	4.9	Towing eye will be solid forged steel, 20,000 pound rated, with minimum three-inch (3") interior diameter and height adjustment from 18" to 30".		
	4.10	Overall standard dimensions are 216" x 95" x 92" (L x W x H)		
	4.11	Safety chains will be permanent attached 3/8" Class III with grab hooks.		
	4.12	Trailers are compliant with USHTSA, FMCSA, and FMVSS requirements.		
	4.13	Trailers are certified by North American Trailer Association (NATM).		
	4.14	The front frame of the trailer will enclose the triangular utility area measuring a minimum of 12 sq. ft.		

SECTION	SPECIFICATION DETAIL		COMPLY	
			YES	NO
SECTION 4 CONTINUED. <u>TRAILER</u> <u>DESIGN</u> <u>CONTINUED</u>	4.15	3/16" (#3) braced expanded steel grating (meets deflection requirements of Federal Specification RR-G-661-B) will be the flooring of the utility area.		
	4.16	4 permanent attached hooks located inside of the trailer frame offer safety securing devices for tools and equipment during travel.		
	4.17	The fenders will be a minimum of 11-gauge steel "diamond" floor plate for slip resistance and rigid enough to be used as a work platform.		
	4.18	Protective taillight pockets will be an integral part of each fender.		
	4.19	The structural diamond plate fender platforms shall enable the operator to reach and clean half of the hopper from each side of the unit, eliminating the need for the operator to reach completely across the machine , thereby minimizing the potential of injuries and compensation-related liabilities.		
	4.20	The structural fender platforms shall be complete with built-in steps. The structural fender platforms shall also serve as the mounting location for the flush, grommet mounted stop, turn and taillights. In the interest of degradation caused by heat, no DOT required lighting is to be mounted in the rear wall of the asphalt storage box.		
	4.21	In the interest of structural integrity and so as to completely eliminate structural fatigue caused by condensation and rust, the trailer frame long members shall be constructed from 8" channel iron. For this reason, box tube construction, which is prone to internal corrosion, shall not be accepted.		
	4.22	The channel iron members of the trailer shall be completely and continuously welded on both sides so as to leave no joints or seams exposed.		
	4.23	The scissor hoist will be a minimum of 16,000# lifting capacity. Dual push cylinders will not be accepted.		
	4.24	The hoist will be operated by means of a 12-volt electric pump with integral oil reservoir and push button operator with a tethered cord.		
	4.25	The push button dump controller will be mounted on the rear passenger side of the hotbox allowing the user to view the rear of the hotbox while dumping.		
	4.26	The hotbox reclaimer box will dump up to a minimum of 52 degrees.		
	4.27	The hotbox reclaimer box will have a manual prop rod built into the trailer frame.		
	4.28	Combination LED stop/taillights and marker lights will be properly located and wired with not less than sixteen (16) gauge UL approved wiring.		
	4.29	Two (2) 6" oval LED stop tail, turn lights will be mounted at the far outside rear facing on the fenders.		
	4.30	Four (4) 4" round LED stop tail, turn lights will be mounted at the rear cross member of the trailer frame.		
	4.31	Two (2) 1" LED red vehicle presence lights will be mounted at the rear widest point on the fenders.		
4.32	Two (2) 1" LED amber vehicle presence lights will be mounted at the furthest forward and widest outside point of the vehicle.			
4.33	The battery and hydraulic fluid reservoir will be located in the front tongue area of the hotbox trailer in a lockable steel enclosure.			

SECTION		SEPECIFICATION DETAIL	COMPLY	
			YES	NO
SECTION 5 <u>ASPHALT STORAGE BIN</u>	5.1	The asphalt storage bin will hold a capacity of four (4) tons of material.		
	5.2	The storage bin measures 64" x 72" x 53.5" (L x W x H) from base of bin to peak.		
	5.3	The design offers gravity feed of the material towards the shovel ports.		
	5.4	The asphalt bin is constructed of four 12-gauge welded steel walls.		
	5.5	The floor will be constructed of one solid piece of 12-gauge steel.		
	5.6	A third wall of reflective aluminum is attached and located between the storage bin and the outer shell.		
	5.7	2,300-degree Fahrenheit refractory ceramic insulation located between the reflective wall and bottom floor insulates the bottom of the unit.		
	5.8	High temperature fiber glass insulation not less than two inches (2") in thickness insulates the exterior walls of the unit.		
	5.9	The outer shell will be fabricated of reinforced 16-gauge steel.		
	5.10	All seams will be a continuous weld.		
	5.11	Interior gussets and supports welded at strategic points provide additional fabricating rigidity.		
	5.12	When the unit is in the full dump position the full load must be able to be dumped. Units that cannot discharge the full load and require manual unloading in the dump configuration are not acceptable.		
	5.13	The shovel deck platform is solid reinforced 11-gauge steel.		
	5.14	Asphalt chambers must not have any vents or heat tubes running from front to back. As these tubes contribute to asphalt damaging or bridging in the chamber. Vent openings in the asphalt chamber will quickly fill up with asphalt and limit the transfer of heat. Likewise, these units are unacceptable.		
	5.15	Asphalt storage bin shall be constructed in a triangular polyhedron dual chamber manner to facilitate heat energy to the center of the load.		

SECTION 6 <u>FILLING DOORS</u>	6.1	Two manual peaked top doors form the lid. Each door will be constructed of sixteen (16) gauge steel insulated with not less than three (3") inches of high temperature insulation to offer optimum efficiency.		
	6.2	The two doors measure 32" x 72" and are 3.25" thick.		
	6.3	Two cantilevered handles allow easy, one-man lid opening and closing.		
	6.4	The handles will be fabricated of square tubing and allow the user to open and close the unit from a ground standing position.		
	6.5	The handles allow the user to operate close to the unit and out of danger of road traffic.		
	6.6	A replaceable gas spring will be affixed to each door to reduce opening force as well as hold the door in the open position for filling.		
	6.7	When open the doors open a minimum of 98" from peak to peak.		
	6.8	The maximum opening force required will be no more than 15 lbs.		
	6.9	Additional grab handles are located on the opposite sides of the lid.		
	6.10	When in the open position, the lids creates a funnel designed large enough to easily maneuver the unit under standard asphalt stations (batch or silo type plants) for filling and open to protect the unit.		
	6.11	Asphalt loading lids must be a continuous type of hinge. Pillow block bearings hinges are not acceptable due to their failure rate.		

SECTION	SPECIFICATION DETAIL	COMPLY		
		YES	NO	
SECTION 6 CONTINUED. <u>FILLING DOOR</u> <u>CONTINUED</u>	6.12	The handle linkage shall be bolted to the box side and not require re-positioning the handle to operate or the use of body weight to counteract the weight of the door when opening or closing.		
	6.13	When opening the doors, the operator shall be positioned immediately and safely alongside the unit and in-line with the structural fenders, standing either in front of or behind them depending on which door is being actuated. Throughout the opening and closing of the doors the operator shall not be required to step away from the unit to operate the door handles.		
	6.14	When in the open position, the door design shall serve to protect the burner, controls, and other related components and exhaust stack located in the front storage area from falling material during the loading process.		
	6.15	The design of the loading doors must open from front to back protecting the trailer and enabling easy loading with frontend loaders from the side of units. No exception to this critical safety consideration shall be permitted.		

SECTION 7 <u>SHOVELING</u> <u>PORTS</u>	7.1	Two (2) shoveling ports are located at the rear of the unit to provide for unloading material. Enabling multiple operators to perform simultaneously.		
	7.2	The shovel ports must be large enough to accommodate standard use asphalt shovels.		
	7.3	The doors will be fabricated of welded sixteen (16) gauge steel with a 1" minimum high temperature insulation enclosed inside the doors.		
	7.4	The doors travel in a sliding track which is equipped with a safety latch feature to keep shovel doors open during use.		
	7.5	Each shovel port is to be a minimum of 16" high by 20" wide.		

SECTION 8 <u>PAINT</u>	8.1	All pieces exposed shall be properly coated.		
	8.2	All raw materials used in the manufacturing process will be new and unused and properly coated with an industrial equipment primer and industrial equipment paint coating. chrome yellow will be the primary coating color.		

SECTION 9 <u>WARRANTY</u>	9.1	The manufacturer will, for a period of twelve (12) months from the invoice date, repair or replace any serviceable or consumable parts.		
	9.2	All components, with the exception of the previously listed twelve (12) month warrantied parts will be covered under this warranty for a period of twenty-four (24) months.		
	9.3	The trailer frame components, hotbox body and workmanship is warrantied for a period of five (5) years from the invoice date.		
	9.4	This warranty applies only when the claim is approved and repaired by an authorized agent.		
	9.5	This warranty applies only when the equipment is used for its intended purpose and properly maintained.		

INFRARED ASPHALT RECYCLER SPECIFICATION

SECTION	SPECIFICATION DETAIL		COMPLY	
			YES	NO
Section 1 <u>General Description</u>	1.1	This specification is to describe the Infrared Asphalt Recycler unit designed to in-place and recycle bituminous pavement surfaces.		
	1.2	The unit provides a properly trained technician with the ability to soften as large as a twenty two- and three-quarter square foot (22.75 Sq. Ft.) area of standard hot mix surface enabling scarification, re-mixing, and re-compaction of the pavement.		
	1.3	The unit is equipped with two (2) independent zones that allow for multiple heating configurations.		
	1.4	The use of the described model for bituminous pavement repair, decorative services, or other use can only be defined per application.		
	1.5	All variables including pavement age, quality, surface condition as well as, environment conditions must be considered when putting the described model into service.		

Section 2 <u>Concept</u>	2.1	The specified unit uses an infrared wavelength which creates heat absorbed by the surface.		
	2.2	The heat is produced by mixture of vapor withdraw of liquefied petroleum gas with constant air blown through a ceramic blanket used as the heat producing medium, or "infrared surface."		
	2.3	Infrared heat is an invisible wavelength of heat energy that is transferred through the air.		
	2.4	The infrared wavelength will energize the first object it comes in contact with. The specified model of infrared recycler is designed to soften bituminous surfaces using infrared wavelengths.		
	2.5	The time required to soften the asphalt surface is dependent primarily on the quality of the existing quality of the road surface.		
	2.6	The infrared energy is transferred to the surface from the specified unit.		
	2.7	The time required to soften the pavement to a desired depth is controlled by the rate of energy conduction through the asphaltic surface.		
	2.8	Variables including pavement design, aggregate size and type, ambient temperature and conditions, all affect the softening, or recycling time.		
	2.9	The resulting softened bituminous pavement is then manipulated for repair, or other service, by an experienced technician.		

SECTION	SPECIFICATION DETAIL		COMPLY	
			YES	NO
Section 3 <u>Heating System</u>	3.1	The heating system will be a mixture of air and liquefied petroleum gas diffused through a 1" thick ceramic blanket.		
	3.2	A combination of two (2) blankets will make up two (2) independently controlled heating zones both equaling the total heating area of the specified unit.		
	3.3	The ceramic heating blanket will be secured by a combination of stainless-steel bolts, washers and nuts.		
	3.4	A framework will secure the outside edges of the ceramic heating blanket.		
	3.5	Two (2) thirty-pound LPG cylinders will provide the fuel for the heating system.		
	3.6	The cylinders will combine to one manifold.		
	3.7	A regulator will control the pressure and flow of fuel from the manifold into the heating system.		
	3.8	A 12 VDC powered solenoid will be controlled by timed sequence allowing on/off cycling of fuel into the heating system.		
	3.9	An automatic pilot light will ignite the fuel mixture during the on-time cycling.		
	3.10	Manual valves will be supplied to enable the operator control of each of two (2) independent heating zones.		
	3.11	Fuel adjustment valves will allow a technician to properly adjust the fuel to air mixture.		
	3.12	The minimum BTU output will be 300,000.		

SECTION		SPECIFICATION DETAIL	COMPLY	
			YES	NO
Section 4 <u>Operating Controls</u>	4.1	An emergency stop "mushroom" type switch will be provided obvious and accessible for the operator.		
	4.2	A keyed switch only will allow the unit to operate.		
	4.3	A momentary type on/off push button switch will begin a timed heating sequence. A timed control will provide a maximum heating sequence of ten (10) minutes.		
	4.4	Separate on/off switches for zones one and two will allow operator to individual control both heating zones.		

SECTION		SPECIFICATION DETAIL	COMPLY	
			YES	NO
Section 5 <u>Heater Body Design</u>	5.1	The top shell will include the heating fuel cylinders and heating controls.		
	5.2	The top and bottom shells will be of sixteen (16) gauge mild steel.		
	5.3	The controls will be affixed to the top shell and enclosed within a protective compartment.		
	5.4	Only the operator controls will be exposed to the outside of the compartment.		
	5.5	The fuel supply, standard including two (2) thirty-pound (30 lb.) LPG cylinders will fit the top shell.		
	5.6	Bottle rings and hold down will secure the fuel cylinders.		
	5.7	Two (2) independent heating zones each measuring 3' 6" x 3' 3" will make up the total heating area of 22.75 square feet.		

SECTION		SPECIFICATION DETAIL	COMPLY	
			YES	NO
Section 6 <u>Power Source</u>	6.1	A 12VDC Marine style deep cycle battery will power the heating system and controls.		

SECTION		SPECIFICATION DETAIL	COMPLY	
			YES	NO
Section 7 <u>Timed Cycling</u>	7.1	The heating system shall be controlled by an automatic timed on/off heating cycle.		
	7.2	The timing of the heating cycle will be 53 seconds on and ten (10) seconds off. Timed heating cycles allow for a more efficient use of propane and minimizes the chance of burning the asphalt.		
	7.3	A one-shot timer will enact after ten (10) minutes of heating to eliminate the potential overheating of asphalt.		

SECTION		SPECIFICATION DETAIL	COMPLY	
			YES	NO
Section 8 <u>Blower</u>	8.1	The unit shall use one (1) 12 VDC blower providing air to the ceramic heating elements through an air channel system.		
	8.2	The blower will be maintained within the control panel on the top shell.		

SECTION		SPECIFICATION DETAIL	COMPLY	
			YES	NO
Section 9 <u>Casters</u>	9.1	Four (4) independently maneuvered casters will allow positioning of the unit when heating.		
	9.2	Each caster will be four-inch (4") diameter swivel type.		
	9.3	Each caster will be attached to a swing arm that allows maneuver from side to end.		
SECTION		SPECIFICATION DETAIL	COMPLY	
			YES	NO
Section 10 <u>Paint</u>	10.1	All pieces exposed will be properly coated.		
	10.2	All raw materials used in the manufacturing process will be new and unused and properly coated with an industrial two-part epoxy equipment primer and industrial urethane equipment paint coating.		
	10.3	Chrome yellow will be the primary exterior coating color.		

ACCESSORIES SPECIFICATIONS

SECTION		SEPECIFICATION DETAIL	COMPLY	
			YES	NO
SECTION 11 <u>ACCESSORIES</u>	11.1	Include options for an Electric Loading Winch.		
	11.2	Include options for a mounted tool rack.		
	11.3	Solvent Tank.		
	11.4	Light Bar.		
	11.5	Strobe lights.		
	11.6	LED Lighting Package.		
	11.7	Mounted Spare Trailer Tire.		
	11.8	Tools (Rakes, lute, shovel and brooms.		
	11.9	Supplemental Battery.		
	11.10	Utility Torch.		
	11.11	CRF Sprayer.		
	11.12	Leaf Blower.		
	11.13	Plate Tamper.		
	11.14	Infrared Unit.		

End of Section Part C – Specifications

APPENDIX D – SUBMISSION FORM

Please fill out the following form, naming one person to be the respondent's contact for the RFQ process and for any clarifications or communication that might be necessary.	
Full Legal Name of Respondent:	
Any Other Relevant Name under which Respondent Carries on Business:	
Street Address:	
City, Province/State:	
Postal Code:	
Phone Number:	
Fax Number:	
Company Website (if any):	
Respondent Contact Name and Title:	
Respondent Contact Phone:	
Respondent Contact Fax:	
Respondent Contact Email:	

Required Pricing Information

<u>PROJECT COST ESTIMATE BREAKDOWN</u>	
Cost of Equipment	\$
Installation	\$
	\$
Other – please specify	\$
Taxes	\$
GST	\$
PST	\$
Total	\$0.00

MANDATORY SUBMISSION REQUIREMENTS

1. Submission Form (Appendix D)

Each proposal must include a Submission Form (Appendix D) completed and signed by an authorized representative of the proponent.

2. Pricing (Appendix D)

Each proposal must include pricing information that complies with the instructions contained in Pricing (Appendix D).

D. PRE-CONDITIONS OF AWARD

Successful candidate would require the following before finalizing contract:
A safety plan, WCB, COR, Insurance, Logan Lake Business license would be an asset.

E. RATED CRITERIA

The following sets out the categories, weightings and descriptions of the rated criteria of the RFP. Proponents who do not meet a minimum threshold score for a category will not proceed to the next stage of the evaluation process.

[Click here to enter text.](#)

Rated Criteria Category	Weighting (Points)
i. Experience and Qualifications	10
ii. References	10
iii. Scope	20
iv. Schedule	15
v. Parts and Service	15
Pricing (See Appendix C for details)	30
Total Points	100

Suggested Proposal Content for Non-Price Criteria

i. Experience and Qualifications

Each proponent should provide the following in its proposal:

- (a) a brief description of the proponent.
- (b) a description of its knowledge, skills, and experience relevant to the Deliverables; and
- (c) the roles and responsibilities of the proponent and any of its agents, employees and sub-contractors who will be involved in providing the Deliverables, together with the identity of those who will be performing those roles and their relevant respective expertise.

ii. References

Each proponent is requested to provide three (3) references from clients who have obtained goods or services similar to those requested in this RFP from the proponent in the last 5 years.

iii. Scope

Each proponent is requested to provide responses to the deliverables stated in appendix D. Clearly respond to how the equipment in the proposal aligns with requirements.

iv. Schedule

Each proponent is requested to provide a brief statement on the schedule of the process, starting from the award of the project. Include delivery of product, installation dates, training schedule and project completion.

v. Parts and Service

Each proponent should provide the following in its proposal:

- Warranty
- What manuals would be provided?
- Training
- Parts availability
- Continued service or maintenance on the equipment.

End of Section Part D – Submission Form