NUNATSIAVUT
kavamanga Government

INVITATION FOR TENDERS

2025 Nunatsiavut Energy Efficiency Retrofit Program

"HVAC Contractor"

TENDERS MUST BE RECEIVED BY EMAIL **PRIOR TO 4:00 P.M**. (ATLANTIC TIME) ("THE CLOSING DATE") ON **JULY 1, 2025** TO THE FOLLOWING:

Jamie Hewlett, Regional Energy Coordinator
Email: Jamie.hewlett@nunatsiavut.com
Telephone: 709-699-0041
Fax: 709-947-3543
Mail: Nunatsiavut Government, P.O. Box 70, Nain, NL, A0P 1L0

THIS TENDER IS SUBMITTED BY:

NAME OF BIDDER: _____

ADDRESS: _____

PHONE: _____ EMAIL: _____

SIGNATURE: _____

DATE: _____

NAME OF AUTHORIZED REPRESENTATIVE (PLEASE PRINT):

_____

Checklist for Bidders:

1. Read all terms and conditions.

2. This Invitation for Tenders contains the following Schedules:
   - Schedule A: Services
   - Schedule B: Evaluation Criteria for Tenders
   - Schedule C: Fees and Expenses
   - Schedule D: Insurance
   - Schedule E: Inuit Content Factor Calculation

3. This Invitation for Tenders contains the following Appendices
   - Appendix A: Scope of Work

4. Complete the following pages that make up your tender (the "Tender"):
   - A signed front cover page of this Invitation for Tenders;
   - A signed acknowledgement of review of Appendix A
   - A signed acknowledgement of review of Schedules A, B and D; and
   - A completed Schedule C.
   - A completed Schedule E.

Instructions for Bidders:

5. Submit the Tender before the Closing Date and time set out on the front cover page of this Invitation for Tender.

6. Send the Tender by **email** to Jamie Hewlett as provided above.

7. Late Tenders will not be considered or evaluated.

8. Bidders must submit a Tender that complies with the instructions provided in the "Checklist for Bidders" found above.

9. Tenders will remain valid for 30 days from the Closing Date of this Invitation for Tenders, despite anything to the contrary on a Tender bid.

10. Tenders must be submitted in English or Inuktitut.

11. By submitting a Tender, the bidder is deemed to have agreed to the Terms and Conditions of this Invitation for Tenders, and if selected as the successful bidder, agrees to supply the services listed at the prices tendered in the submitted Tender and on the terms and conditions of a formal written contract that will be prepared between the parties.

12. Once an award is made, the successful bidder will be held to its Tender as of the Closing Date even if the bidder later alleges a mistake was made in the Tender.

13. If a bidder discovers that it has made an error in its Tender, the bidder may (1) forward a correction notice to the Nunatsiavut Government at the location identified on the front cover page of this Invitation for Tenders or (2) withdraw its Tender, but the correction or withdrawal must be received before the Closing Date and time.

14. Before an award is made, if it appears that an error has been made in a Tender, the Nunatsiavut Government may, in its sole discretion, communicate with the bidder to ascertain if the bidder wishes to honour the Tender or withdraw the Tender. If the bidder withdraws its Tender, the Tender will not be considered further.

15. All inquiries related to this Invitation for Tenders are to be directed to the Nunatsiavut Government no later than **June 17, 2025,** to the contact person noted on the front cover page of this Invitation for Tenders. Information obtained from any other source is not official and may be inaccurate.

16. If deemed necessary by the NG, responses to any questions and/or any additional information will be issued by the NG in the form of an addendum, which shall form part of this Invitation for Tenders. Any addenda issued to this Invitation for Tenders will be posted on the NG website at www.nunatsiavut.com. It is the responsibility of the bidders to ensure that it has received any addenda issued prior to the Closing Date. Upon submitting a Tender, a bidder will be deemed to have received notice of all addenda that have been issued.

17. Tenders will be opened at the NG office in Nain.

18. Bidders may submit a single proposal in response to one or more open Invitations for Tender (IFTs) under the NEER Program. However, if submitting a proposal that covers multiple IFTs, bidders must clearly separate and itemize the pricing and scope of work for each IFT within their submission.

Terms and Conditions:

1. The NG reserves the right to award this order in part or in full, on the basis of Tenders received unless a bidder specifies that its Tender is valid only for the complete order.

2. The NG reserves the right to accept or reject any or all Tenders received in response to this Invitation for Tenders. The NG reserves the right to conduct personal interviews with selected bidders and contact the references provided.

3. The NG reserves the right to reject any or all Tenders and is not obligated to accept the lowest-priced submission.

4. The NG will evaluate Tender's on the principle of value for money, which includes an evaluation of Inuit content and application of the Inuit content factor as listed in Schedule E of this document.

5. Bidders must comply with all applicable laws.

6. In submitting a Tender, bidders represent and warrant to the NG that they are licensed and qualified to undertake construction work in the Province of Newfoundland and Labrador and are able to complete the services required in a professional manner.

7. The laws of the Province of Newfoundland and Labrador and Nunatsiavut govern this Invitation for Tenders and any subsequent contract that may arise as a result of this Invitation for Tenders.

8. Bidders are solely responsible for their own expenses, if any, in preparing and submitting a Tender and, if successful, in finalizing a contract. In submitting a Tender, bidders agree that they have no claim of any sort for any expense occurred in preparing a Tender in the event the Nunatsiavut Government does not accept the Tender or does not accept any Tender.

9. The NG will not be liable to any bidders for any claims, whether for costs, expenses, losses or damages, or loss of anticipated profits, or for any other matter whatsoever, incurred by the bidders in preparing and submitting a Tender, or participating in negotiations for a contract, or other activity related to or arising out of this Invitation for Tenders. Except as expressly and specifically permitted in this Invitation for Tenders, no bidders shall have any claim for any compensation of any kind whatsoever as a result of participating in this Invitation for Tenders and by submitting a Tender each bidder shall be deemed to have agreed that it has no claim.

10. The NG may, after reviewing the Tenders received, enter into discussions with one or more of the bidders, without such discussion in any way creating a binding contract between the NG and any bidder. There will be no binding agreement between any bidder and the NG until a formal contract with negotiated terms has been signed by both the NG and a bidder.

11. Prior to the Closing Date, bidders should not establish contact with employees or agents of the NG (including the Nunatsiavut Assembly) regarding this Invitation for Tenders, other than the representative(s) identified, without that representative's permission. Failure to abide by this requirement could be grounds for rejection of the bidder's Tender.

12. Any information acquired about the NG by a bidder during this process must not be disclosed unless authorized by the NG, and this obligation survives the termination of the Invitation for Tenders process.

13. By submitting a Tender, the bidder declares that it has no pecuniary interest in the business of any third party that would cause a conflict of interest or be seen to cause a conflict of interest in carrying out the services.

14. NG reserves the right to modify the terms of this Invitation for Tenders at any time in its sole discretion. This includes the right to cancel this Invitation for Tenders at any time prior to entering into a contract with the successful bidder.

15. All documents submitted to the NG will become the property of the NG. They will be received and held in confidence by the NG.

16. While Invitation for Tender is open, the names of individuals or companies who have picked up the Tender will not be released. At the Tender opening, only the names of the bidders will be released. After the Tender opening, no further information will be released until after the contract is awarded. After contract is awarded, all bidders will be advised of the NG's final decision regarding its Tender. On request, the NG will provide an unsuccessful bidder with the reasons that its Tender was not successful. No other information will be released.

Schedule A – Services

PART 1. TERM:

The term for the provision of work to occur between June 2025 and December 2025.

PART 2. PROJECT OVERVIEW:

The Nunatsiavut Government has developed the Nunatsiavut Energy Efficiency Retrofit (NEER) Program. The intention is to provide energy efficiency initiatives within Nunatsiavut with the goal to deliver the largest Green House Gas (GHG) emission reduction possible. As Nunatsiavut community energy consumption is linked to energy consumption from Newfoundland and Labrador Hydro's diesel generation, energy efficiency programs have been aimed to reduce the demand on the overarching electrical system. Although previous programs have been aimed at only the electrically heated homes, the NEER Program strives to be an inclusive program that allows all homes and businesses in the Nunatsiavut Communities to benefit from energy efficient improvements.

The NEER Program is offered to Beneficiaries of the *Labrador Inuit Land Claims Agreement* and Inuit owned businesses within the five Nunatsiavut communities of Rigolet, Makkovik, Nain, Hopedale and Postville, regardless of the primary heating types within the building. To qualify for retrofit funding within the program, applicants must undergo a professional energy audit by a Registered Energy Advisor (REA) for residential homes and a Certified Energy Auditor (CEA) for commercial buildings. These energy audits are used to create individualized reports to determine the most appropriate energy efficient upgrades for each of the buildings.

The Review Committee (the "Committee") and the Nunatsiavut Government's retained consultant, CLEAResult, will review the results of the energy audits and determine which of the applicants meet the criteria to receive a grant for upgrades. Once selected, the Committee and CLEAResult will collaborate with the representative or homeowner to determine which upgrades are to be pursued. Upgrades-to-be-pursued are organized into workplans for each approved building and shared with supporting contractors for coordination/delivery.

After the completion of energy efficient upgrades, REAs/CEAs are required to complete post-retrofit energy audits to confirm energy savings delivered.

PART 3. SERVICES:

The Nunatsiavut Government is seeking a:

HVAC Contractor for the following services:

The awarded contractor will carry out residential and commercial building upgrades specific to heat pump installations, ventilation system installation and evaporator fan motor replacements, as outlined in the NEER Program's 2025 scope of work for approved buildings. All installations must be completed by a Certified Refrigeration and Air Conditioning Mechanic who is licensed to work and in good standing in Newfoundland and Labrador. All work must be performed in a skillful and thorough manner, in accordance with the manufacturer's specifications and the National Building Code of Canada.
All electrical components related to the heat pump installation must be installed by a licensed Journeyperson Electrician, in full compliance with the Canadian Electrical Code. The total number of installations will be

confirmed prior to finalizing a formal agreement between NG and the successful contractor. The final scope of work, including the specific measures to be implemented at each site, shall be determined and agreed upon between the Contractor and the NG upon completion of pre-installation inspections.

The breakdown of heat pump installation per community is as follows:

- Nain: 6
- Hopedale: 6
- Makkovik: 1
- Rigolet: 10

The breakdown for ventilation system installations per community is as follows:

- Rigolet: 1
- Postville: 1
- Nain: 1

The breakdown for Evaporator fan motor replacements per community is as follows:

- Hopedale: 22

1. Contractor is expected to include in their proposal the costs associated with pre-installation inspections or site assessments for installations in selected residential and commercial buildings, displayed separately from other costs. These inspections are required to assess the suitability of each building for the planned upgrade and ensure proper installation planning. The findings of these inspections/assessments must be shared with the NG.

2. Contractor is responsible for connecting with all selected residential and commercial participants via email and/or phone to coordinate individual pre-installation inspections and installation appointments. All confirmed appointments must be supported by documentation, which must be shared with NG.

3. Contractor must also provide a detailed breakdown of labour costs, including hourly rates for installers, technicians, and any other personnel involved in the retrofit work.

4. Contractors are requested to propose suitable cold-climate ductless mini-split heat pump systems based on the provided sample home scenario, reflecting typical residential conditions in Northern Labrador.

    - Location: Nain, Newfoundland and Labrador (subarctic climate zone)
    - F280 Design Heat Load (whole-home) = 19,600 Btu/hr @ -31°C
    - Total area of the home: 1500 sq ft.
    - Construction Type: raised bungalow, full height basement with concrete foundation wall
    - Insulation: attic insulation is R-40 with 11-inch depth of insulation, wall insulation is R-20 with depth of 5.5 inches), basement wall is 8ft-insulation with R-20
    - Windows: double-pane, low-E windows throughout
    - Air Tightness: moderate (blower door test result: 5 @ACH50)

Installation Considerations:

- Indoor unit placement: high wall-mounted unit in the living room/kitchen area/entrance of approximately 750 sq ft. (50% of the whole-home heated floor area)
- Outdoor unit placement: backyard, elevated on a metal stand or mounted on an exterior wall to ensure clearance above snow accumulation
- Electrical Panel: 200-Amp service with available capacity for additional load

Identify models appropriate particularly for a living room area of approximately 750 sq.ft. Provide detailed heating performance data for each proposed unit and it should meet or exceed the following specifications:

a) Heating Seasonal Performance Factor (HSPF) for Region IV: ≥ 10
b) Coefficient of Performance (COP) at -15°C (5°F): ≥ 2.0
c) Capacity maintenance at -15°C (5°F): ≥ 75% of rated capacity
d) Rated for operation down to -13°F by NEEP (https://ashp.neep.org/)

- Include product specifications, performance certifications (e.g., ENERGY STAR®® rating), and warranty information for each proposed unit.
- Warranty will be a major factor in contractor selection with a strong preference for long-term and/or comprehensive warranty offering.
- Provide separate pricing for the installation of an awning or snow cover over the outdoor unit.

5. Contractor to provide pricing for ventilation systems for residential buildings. Product specifications, performance certifications (e.g., ENERGY STAR® rating), warranty information must be included for listed product and relevant warranty information must be provided and approved for each listed product prior to the scheduling of installations, with the following specification:
   - Sensible Heat Recovery (SRE) ≥ 65% at 32°F (0°C), ≥ 60% at -13°F (-25°C).
   - Replaceable MERV 8 or higher filters must be included
   - Sound rating ≤ 1.5 sones in low-speed operation
   - Must be ENERGY STAR® certified
   - Must include defrost capabilities (e.g. recirculation, pre-heater, or fan shut off) and/or pre-heating function to prevent core freezing
   - Warranty will be a major factor in contractor selection with a strong preference for long-term and/or comprehensive warranty offerings.

   Contractors are requested to propose suitable ventilation systems using the two scenarios below to guide system sizing and installation. Installation should conform to ASHRAE 62.1/62.2 or F326 standards; non-conforming ventilation systems may be approved on a case-by-case basis where building configuration prevents a compliant installation.

   Home Scenario 1: Existing Ductwork Available
   - Location: Nain, Newfoundland and Labrador (Subarctic Climate Zone)
   - Home Type: detached raised bungalow
   - Total Volume: 12,000 cu. ft which includes the insulated (unfinished) basement area

- Heating System: oil furnace- forced air (no HVAC air handler)
- Ductwork: forced-air ductwork is present and available for integration with ventilation system
- Occupancy: 4-person household (3 bedrooms)
- Air Tightness: moderate (Blower Door Test: 5 ACH50)
- Insulation: R-40 attic, R-20 walls, R-20 basement walls
- Electrical Panel: 200-amp service with capacity for additional load

Home Scenario 2: No existing ductwork (Contractor to install dedicated ventilation ducts) In this case for a similar home as above, install a complete ventilation system that includes

- Install new dedicated ducting for supply and exhaust air distribution, separate from the heating system
- Include all necessary components: insulated ductwork, grilles, diffusers, registers, dampers, weather-sealed exterior penetrations, etc.
- Assume that no bulkhead construction will be required and that the basement is unfinished

Provide a complete cost breakdown for equipment, materials, labor, and all electrical work required for both scenarios separately.

6. Contractor to provide pricing for replacing the existing evaporator fan motors in walk-in coolers and freezers in a commercial building in Hopedale. The replacements should be electronically commutated (EC) motors with a minimum efficiency of 75%. The current specs of the evaporator fan motor in Keeprite Unit Coolers (Model: KUC255-CED) are as follows:
    - Each cooler has 5 evaporator fan motors rated at 1/20 HP (208-230V, single-phase, 60 Hz), CCW rotation with 1550 fixed RPM.
    - Retrofit motor must be compatible with Keeprite KUC255-CED evaporator unit, TEAO or equivalent moisture-resistant design, and rated for low ambient temperature operation.
    - Include technical datasheets and warranty information.

    Please include a separate line item for EC motor to replace those in Keeprite KUCA 255-A unit. Specifications are largely identical to the above unit, except for:
        - Operating voltage: 115 V (instead of 208-230V)
        - All other motor specs (1/20 HP, 1550 RPM, CCW, TEAO enclosure, low temp rated) remain the same.

    Please include a separate line item for EC motor to replace those in Blanchard-Ness Unit Cooler-Model: LSB-1040. Specifications for the existing motors are as follows:
        - Operating Voltage 240V, Fan Motor Amps: 2.6A Total, Phase 1, 60 Hz
        - New motor should be compatible with the above-mentioned cooler model. Include appropriate mounting, be TEAO or equivalent and suitable for low temperature environment.

7. Contractors must commit to providing warranty-related service and support for installed systems (including heat pump, ventilation system, and evaporator fan motor), and must include pricing for post-installation return visits to the community to address equipment issues or warranty claims. These visits must cover all associated costs including labor charges. The contractor must clearly outline their warranty service process, response time expectations, and associated costs in their proposal.

8. Contractor is responsible for procurement and purchase of all products and materials required to complete all upgrades indicated in approved building scopes of work.

9. Contractor to carry-out work in alignment with schedule determined in collaborative planning meeting, ensuring that all NEER program activities are completed without negatively impacting the work of other contractors.

10. All installations must be in accordance with the applicable code, as well as follow the manufacturer specifications. A third-party inspection will be conducted following the installation to verify system performance and compliance with the standards of the program.

11. A 5% holdback of the total contract amount will be applied until the installation passes final inspection. If an inspection cannot be completed within 9 months of the installation date, the holdback may be released at the discretion of the project administrator, but no later than 12 months post-installation.

Additional Information:

1. Contractor will be solely responsible for managing and resolving all warranty claims directly.

2. Contractors must respond to and address any issues related to installation deficiencies or warranty claims within **30 days** of notification, subject to ferry availability and seasonal access constraints.

3. The robustness and coverage of the warranty offered will be a key factor in the contractor selection process.

4. Contractor may submit a request to NG directly for additional information or clarification on any aspect of the tender.

5. Contractor to coordinate the acquisition and transport of all necessary tools and equipment to complete the scope of work for each approved building. Please note due to regional shipping/transportation factors, large items that cannot be easily transported by plane may be made available locally by NG and its partners.
    a. Coordination of NG's support must be discussed and agreed upon in advance by emailing Jamie Hewlett at Jamie.hewlett@nunatsiavut.com with **2** weeks advance notice.

6. Contractor to coordinate local storage of materials, equipment, parts, and other required items with NG. NG may assist in identifying storage sites and coordinating the transport of shipped items to storage facilities; however, all costs and financial responsibility associated with storage and local transport shall remain with the contractor.

7. Contractor is responsible for arranging its own transportation within each community.

8. Contractor to participate in collaborative planning meeting coordinated by NG, alongside all contractors awarded 2025 NEER contracts under other IFPs.

Acknowledgement

In submitting this Tender I, _____ (please print) acknowledge review of this Schedule A – Services.

_____

Signature

Schedule B- Evaluation Criteria for Tenders

The NG will evaluate each Tender received in response to this Invitation for Tenders using the following criteria, which is not intended to be exhaustive and is not ranked in order of preference or priority:

a) completeness, thoroughness and relevance of the Tender submitted in response to this Invitation for Tenders;
b) relevant experience of the firm, including but not limited to their use of products/technologies most suitable to the conditions of Northern Labrador
c) relevant experience and knowledge of key personnel;
d) references, including the contact information of former clients;
e) schedule of rates and fees;
f) Inuit Content as outlined in the Nunatsiavut Government's *Procurement Act*; and
g) other criteria as may be applicable.

The NG reserves the right to discuss any and/or all Tenders, and to request additional information from the bidder(s).

It is the responsibility of all bidders to provide information as to whether the bidder has Labrador Inuit Content as defined in section 17 of the Nunatsiavut's *Procurement Act*. The *Procurement Act* will be used to determine the Inuit Content Factor of the submissions and the weighting of the points assigned in this category. An evaluation rubric determining the Inuit Content Factor is provided for hereto in Schedule E

Please be advised that the NG may not accept the lowest or any tender and reserves the right to terminate this invitation for tender at any time. Further, this tender shall be evaluation on the principle of value for money, which includes an evaluation of Inuit content and application of the Inuit Content Fact

To allow the NG to best evaluate tenders received, bidders are encouraged to organize their tenders using the following format:

Tender Content

Table of Contents

Tenders should include a table of contents properly indicating the section and page numbers of the information included.

Executive Summary

Tenders shall include an abstract of no more than one (1) page on the information presented in the Tenders and the bidder's unique qualifications and services.

Background Information

Provide general information on the bidder, including a brief history of the firm and the number of years in business. The Tender should include resumes, relevant project experience, availability, current workload and office location of all key personnel.

Project Experience

Project experience should include a comprehensive list of relevant Project of key personnel, including links to any publicly available examples where possible.

Organizational Chart

The chart should indicate the names of the individuals to be involved in the major tasks of the project and the lines of responsibility. The organizational chart should also include the specific responsibilities of the key personnel and their role on the project team.

References

The bidder should include references related to relevant work experience.

Fees and Expenses

The bidder shall describe how professional fees will be calculated, based on level of effort, for each of the tasks as seen in Schedule C. This summary should include any services not itemized, but deemed necessary by the bidder.

All prices quoted in the Tenders are to be in Canadian funds and are to show applicable taxes.

Other Benefits

The bidder should describe any other services or benefits the NG may realize through these services.

Acknowledgement

In submitting this Tender I, _____ (please print) acknowledge review of this Schedule B- Evaluation Criteria for Invitation for Tenders.

_____
Signature

Schedule C – Fees and Expenses

Complete and submit this Schedule C, clearly identifying the price(s) proposed for the Services in Schedule A.

Type	Rates (Estimated Time per home, Rate)
Pre-Inspections (Hourly): Labour Rate	

Type	Trade Description	Rate (estimated hours per upgrade, # of upgrades included in quote)
1. Labour Cost Installation (Hourly)		
2. Labour Cost Installation (Hourly):		
3. Labour Cost Installation (Hourly):		
4. Labour Cost Installation (Hourly):		
Total price of Labour Installations:		

Products	Description	Source Location	Price per unit	Total Bid
Total Price for Products:				

Additional Considerations
Table D

	Description	Price
Additional Costs (please specify): Ex: Contingency for any changes, possible materials needed when modifying the		

building envelope, Provisions for down days		

Final Bid Pricing

Summarized Activities Cost (Table A-D)	
Estimated Travel Costs	
Total Bid Price	

Schedule D – Insurance

1. The successful bidder must, without limiting the bidder's obligations or liabilities and at the bidder's own expense, purchase and maintain throughout the term of the contract the following insurances with insurers licensed in Canada in forms and amounts acceptable to the Nunatsiavut Government:

   (a) Commercial General Liability in an amount not less than $500,000.00 inclusive per occurrence against bodily injury, personal injury and property damage and including liability assumed under this Agreement and this insurance must

      (i) include the NG as an additional insured,

      (ii) be endorsed to provide the NG with 30 days advance written notice of cancellation or material change, and

      (iii) include a cross-liability clause.

2. All insurance described in section 1 of this Schedule must:

   (a) be primary; and

   (b) not require the sharing of any loss by any insurer of the Nunatsiavut Government.

3. (a) The successful bidder must provide the Nunatsiavut Government with evidence of all required insurance within 10 Business Days of the commencement of the Services;

   (b) if any required insurance policy expires before the end of the Term, the bidder must provide to the Nunatsiavut Government within 10 Business Days of the policy's expiration, evidence of a new or renewal policy meeting the requirements of the expired insurance.; and

   (c) despite paragraph (a) or (b) above, if requested by the NG at any time, the bidder must provide to the Nunatsiavut Government certified copies of the required insurance policies.

4. The successful bidder must obtain, maintain and pay for any additional insurance which the bidder is required by law to carry, or which the bidder considers necessary to cover risks not otherwise covered by insurance specified in this Schedule in the bidder's sole discretion. The successful bidder must also provide proof of coverage for its full liability under the worker's compensation laws of the Province of Newfoundland and Labrador.

Acknowledgement

In submitting this Tender I, _____ (please print) acknowledge review of this Schedule D – Insurance.

_____
Signature

Schedule E - Inuit Content Factor Calculation
Excerpted from the *Procurement Act*, CIL P-1 31-12-2012:
Determination of Inuit Content Factor 17

Scoresheet

Using the scoring formula under the Procurement Act, provide the following information (use additional pages if more space is required.)

Question Answer Score	**Answer**	**Score**
(a) What is the percentage of Inuit ownership and control of the company?		
(b) What is the location of the head office and any operating office(s) of the company?		
(c) Does the company plan to train Beneficiaries in/for this project and if so what is the monetary amount to be spent on training Beneficiaries?		
(d) What percentage of the supplier's employees are Beneficiaries?		
(e) What proportion of all wages paid by the company for this project will be paid to employees who are Beneficiaries?		
(f) What proportion of all goods and services purchased by the company for this project will be purchased from Inuit Businesses?		
(g) What is the value (in dollars) of the total amount of sub-contracts that will be awarded to Inuit Businesses?		
Total Score		

APPENDIX A – NEER Heating Ventilation and Air Conditioning Contractor 2025 Scope of Work

NAIN

N1- 20 OKPIK ROAD

1. Preassessment of home to ensure the Heat Pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 1072.1 ft^2 Current baseboard heating capacity = 9 kW/ 31000 BTU/h Design Heating load = 8.77 kW Design Cooling Load 1.73 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® Certified air-source heat pump with HSPF region V of 8.7.

N2 – 17 AMAGUK

1. Preassessment of home to ensure the Heat Pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 1411.1 ft^2 Current baseboard heating capacity = 6 kW/ 20500 BTU/h Design Heating load = 5.72 kW Design Cooling Load 2.46 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® Certified air-source heat pump with HSPF region V of 8.7.

N3 – 44 MIDDLEPATH ROAD

1. Install HRV or ERV certified by Home Ventilating Institute (HVI) or that is ENERGY STAR® Certified.
2. Ensure HRV is properly sized and balanced
    a. 758.9 HFA
3. After air sealing is completed, the air chainges per hour should be 10.09 air chages per hour at 50 pascals

N4 –22 BRIDGE ROAD

1. Preassessment of home to ensure the Heat Pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 851. 4 ft^2 Current baseboard heating capacity = 9 kW/ 31000 BTU/h Design Heating load = 8.52 kW Design Cooling Load 2.06 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® Certified air-source heat pump with HSPF region V of 8.7.

N5 -4 TUKTUK

1. Preassessment of home to ensure the Heat Pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 739.5 ft^2 Current baseboard heating capacity = 9 kW/ 31000 BTU/h Design Heating load = 8.84 kW Design Cooling Load 1.72 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® Certified air-source heat pump with HSPF region V of 8.7.

N6-21 BRIDGE ROAD

1. Install HRV or ERV certified by Home Ventilating Institute (HVI) or that is ENERGY STAR® Certified.
2. Ensure HRV is properly sized and balanced
    a. Building Size is1823.4 ft^2
3. After air sealing is completed, the air changes per hour should be 7.38 air changes per hour at 50 pascals

N7- 9 ALAKAKTIK RD

1. Preassessment of the building to ensure the Heat Pump is sized in accordance with the design heat load of the home; Assessment indicated a minimum heating capacity of 36,000 BTU/hr.
    a. Building size is approximately 2700 ft^2.
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® Certified air-source heat pump with HSPF 2 region V of 7.5 or higher.

HOPEDALE

H1- 7 CARPENTERS LP

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Building HFA 1883.7 sft^2 current baseboard heating capacity 9.5 kW/ 32500 BTU/h, Design Heating load 9.19 kW, Design Cooling Load 1.79 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

H2- 17 BERRY RD

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 1181.9 ft^2 current baseboard heating capacity = 11 kW/ 38000 BTU/h Design Heating load = 10.92 kW Design Cooling Load 2.3 kW

2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

H3- 5 SETNIK ROAD

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 818.1 ft^2 current baseboard heating capacity = 7.5 kW/ 26000 BTU/h Design Heating load = 7.48 kW Design Cooling Load 1.48 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

H4- 1 NAUJAK ROAD

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 1063.5 ft^2 current baseboard heating capacity = 8 kW/ 27500 BTU/h Design Heating load = 7.70 kW Design Cooling Load 2.35 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

H5-9 AIRSTRIP RD

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 1702.9 ft^2 current baseboard heating capacity = 16.5 kW/ 56500 BTU/h Current HP (air source mini split) 9.14 kW/ 31500 Design Heating load = 16.07 kW Design Cooling Load 2.99 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

H6- 6 WINTERS LANE

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 824.5 ft^2 current baseboard heating capacity = 6 kW/ 20500 BTU/h, Design Heating load 5.73 kW, Design Cooling Load 1.7 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

H7-FRANKS GENERAL-GOVERNMENT ROAD

1. Removal of current Keeprite evaporator fan motors
2. Installation of 22 evaporator fan motors on the 5 walk-in coolers and freezers.

MAKKOVIK

M1- 9 Spruce Avenue

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 1317.5 ft^2 current baseboard heating capacity = 7.5 kW/ 26000 BTU/h Design Heating load = 7.12 kW Design Cooling Load 3.8 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

POSTVILLE

P1- 12 KAIPOIOI DR

1. Install HRV or ERV certified by Home Ventilating Institute (HVI) or that is ENERGY STAR® certified.
2. Ensure HRV is properly sized and balanced
    a. Building size is approximately 1539.2 ft^2
3. After air sealing is completed, the air changes per hour should be 6.38 air changes per hour at 50 pascals

RIGOLET

R1- 16 CAMPBELLS CUL DE SAC

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 723.3 ft^2 current baseboard heating capacity = 2 kW/ 7000 BTU/h, Design Heating load 8.63kW, Design Cooling Load 1.62 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

R2 -13 ALLENS MIDTOWN ROAD

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area is 1050.6 sq ft
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

R3- 1 ALLENS MIDTOWN ROAD

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 827.7ft^2 current baseboard heating capacity = 2 kW/ 7000 BTU/h, Design Heating load 9.27 kW, Design Cooling Load 1.49 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

R4-17 CAMPBELLS CUL DE SAC

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 876.2 ft^2 current baseboard heating capacity = 9 kW/ 7000 BTU/h Design Heating load = 8.86 kW Design Cooling Load 1.28 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

R5-17 ALLENS MIDTOWN ROAD

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 825.6 ft^2
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

R6-14 BLAKES WATERFRONT ROAD

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area 447.8 ft^2 current baseboard heating capacity = 5.5 kW/ 19000 BTU/h, Design Heating load 5.44 kW, Design Cooling Load 1.56 kW
2. Contractor responsible for specifying; load calculations, sizing and selection

3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

R7 – 23 POTTLES OCEANVIEW CRESCENT

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 670.06 ft^2 current baseboard heating capacity = 8.5 kW/ 29500 BTU/h Design Heating load = 8.42 kW, Design Cooling Load 1.49 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

R8 – 1 KITCHEN HILL ROAD

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 877.3 ft^2 current baseboard heating capacity = 10 kW/ 34500 BTU/h Design Heating load 9.90 kW, Design Cooling Load 1.96 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

R9-22 BLAKES WATERFRONT

Heat Pump

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Heated Floor Area = 673.07 ft^2* assumed (EA report said 6730.70 ft^2) Current baseboard heating capacity = 2 kW/ 7000 BTU/h Design Heating load = 10.66 kW Design Cooling Load 0.99 kW
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

Ventilation System

1. Install HRV or ERV certified by Home Ventilating Institute (HVI) or that is ENERGY STAR® certified.
2. Ensure HRV is properly sized and balanced
3. After air sealing is completed, the air changes per hour should be 6.38 air changes per hour at 50 pascals

R10 – 9 A RICH's SEASHORE DRIVE

1. Preassessment of home to ensure the heat pump is sized in accordance with the design heat load of the home.
    a. Building size approximately 2080 ft^2; with a recommended 6,000 BTU/ hr heating capacity for the back addition.
2. Contractor responsible for specifying; load calculations, sizing and selection
3. Installation of ENERGY STAR® certified air-source heat pump with HSPF region V of 8.7.

Acknowledgement

In submitting this Tender I, _____ (please print) acknowledge review of this **Appendix A-**Scope of Work.

_____
Signature