NUNATSIAVUT
kavamanga Government

INVITATION FOR TENDERS

2025 Nunatsiavut Energy Efficiency Retrofit Program (the "NEER")

"General 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: Statement 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:

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

2. Send the Tender by **email** to Jamie Hewlett as provided above, on or before the Closing Date.

3. Late Tenders will not be considered or evaluated.

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

5. 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.

6. Tenders must be submitted in writing, in English or Inuktitut.

7. 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.

8. 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.

9. If a bidder discovers that it has made an error in its Tender, the bidder may (1) forward a correction notice to the NG 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.

10. Before an award is made, if it appears that an error has been made in a Tender, the NG 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.

11. 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.

12. 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.

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

14. Bidders may submit a single proposal in response to one or more open Invitations for Tender 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 work in part or in full, on the basis of Tenders received unless a bidder specifies that its Tender is valid only for the complete work.

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, or any 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, including Inuit 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 is between July 2025 and December 2025.

PART 2. PROJECT OVERVIEW:

The Nunatsiavut Government (the "NG") 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 NG'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:

General Construction Contractor for the following services:

The awarded contractor will deliver residential and commercial building upgrades specific to building envelope upgrades and water-heating systems as outlined in the NEER program's 2025 scope of work for approved buildings. All installations must be completed by a certified professional installer 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 electric water heater installation must be installed by a licensed Journeyperson Electrician, in full compliance with the Canadian Electrical Code. The total number of installations and the scope of work for each building will be confirmed prior to finalizing a formal agreement between the 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 total retrofits included this contract is as follows:

- Air Sealing: 43
- Window Replacements: 84
- Door Replacements: 44
- Homes requiring Attic Insulation: 16
- Crawlspace Insulation: 34
- Basement Wall Insulation: 4
- Domestic Hot Water (Electric Water Heater): 17
- Domestic Hot Water (Integrated Heat Pump): 2

The breakdown of these upgrades per individual building is listed in Appendix A.

1. Contractor is expected to include in their proposal the costs associated with pre-installation inspections or site assessments in selected 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 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. The bidder is expected to provide pricing for each upgrade separately and all costs-associated with that specific upgrade when submitting its proposal. NG requests that per-unit pricing be provided for the following types of upgrades that can be scaled after pre-installation inspections are complete. The following totals are current estimates of eligible homes and total products required for proposal planning purposes, these values are subject to change. Please refer to **Appendix A** for a high-level scope of work for each building.

Community	# of Homes requiring Air Sealing	# of Homes requiring Electric Water Heater	# of Homes Requiring Window Replacements	Total Number of Windows Replacements	# of Homes Requiring Door Replacements	Total Number of Door Replacements	# of Homes requiring Attic Insulation	# of Homes requiring Crawlspace walls (Interior/ Exterior) + Foundation Header	# of Homes requiring Basement Wall/ Foundation Header Insulation	# of Domestic Hot Water Heater with Heat Pump
Rigolet	11	5	6	8	4	5	5	10	0	0
Postville	2	2	2	2	2	2	2	1	1	0
Hopedale	7	2	5	5	5	6	1	5	1	0
Makkovik	4	0	1	13	2	3	1	2	2	0
Nain	17	7	14	50	15	21	4	15	0	0

Rigolet	0	0	1	4	1	4	1	0	0	0
Hopedale	0	0	0		0		0	0	0	1
Makkovik	1	0	1	1	1	1	1	0	0	0
Nain	1	0	1	1	1	1	1	1	0	1
TOTAL	**43**	**17**	**31**	**84**	**32**	**44**	**16**	**34**	**4**	**2**

The following breakdown of each upgrade provides the base home for upgrade as well as the minimum requirements for upgrades. The base home measurements are estimates and allow for equal opportunity in assessing bids and may not be accurate for each individual home intended to receive these upgrades.

Material Specifications:

a. Attic Insulation
   - Blown-in loose-fill cellulose or fiberglass insulation.
   - Target insulation level of R-50 minimum for attics- upgrades must bring total insulation level up to this standard. For the purpose of this quote, contractor should assume upgrading insulation level from an existing R-20 to a minimum of R-50 for an average attic area of 1000 sq ft.
   - Ensure that ventilation baffles are installed to maintain airflow in soffits to prevent blocking vents, as well as insulation dam across attic hatches as needed

b. Foundation Headers/Crawlspace Walls/Basement Walls Insulation
   - Most of the residential buildings have minimal or no insulation in these areas. Upgrades must achieve a minimum of R10 insulation. Contractors must supply and install insulation to supplement existing insulation or to meet the minimum requirement.
   - Rigid foam board insulation (e.g. XPS, EPS, or Polyiso) with appropriate vapor barrier and must be rated for below-grade and moisture prone applications.
   - For quoting purposes, contractors should assume the following:
     - Foundation header areas: 60 linear feet/home
     - Crawlspace/basement walls: 400 sq ft/home

c. Window Replacement
   - Must be Energy Star certified
   - Triple-pane, low-e coated, argon filled units
   - U-factor: ≤ 1.4 W/m²·K (≤ 0.25 BTU/h·ft²·°F)
   - Proper flashing, air sealing, and caulking must be included in installation
   - Must provide pricing for a range of window sizes i.e. 36”x48”, 24”x36”, and 48’x48”

d. Door Replacement
   - Must be Energy Star certified
   - Must be Insulated, weather sealed doors with R Value ≥ 5
   - U-factor: ≤ 0.20

e. Air Sealing
   - Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and backer rods.
   - For the purpose of quote, assume each residential building is 1000 sq ft in size. Air sealing work will target the attic access, foundation headers, wall penetrations,

electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks.
- Price per home for blower door test after sealing must be provided (if contractor is certified)

f. High Efficiency Electric Water Heater
- UEF: ≥ 0.91
- Minimum of 6 years warranty on tanks and parts.
- Must be ENERGY STAR certified.
- Corrosion-resistant tank or glass lined steel tank.
- Only for the purpose of this quote, use a 40-gallon tank.
- The quote must account for removal of existing water heater (if applicable).
- Product specs, warranty certificate, and CSA certification must be submitted.

g. Hybrid Heat Pump Water Heater
- UEF: ≥ 2.20
- FHR: ≥ 45 gallons per hour
- Warranty: ≥ 6 years on a sealed system
- Safety UL 174 and UL 1995 or UL60335-2-40
- For the purpose of this quote, size requirements are 50-gallon and 75-gallon tanks.
- The quote must account for removal of existing water heater (if applicable).
- Product specs, warranty certificate, and CSA certification must be submitted.

5. Contractors must commit to providing warranty-related service and support for installed systems, 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, travel, and accommodation (if applicable). The contractor must clearly outline their warranty service process, response time expectations, and associated costs in their proposal.

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

7. 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.

8. Contractor is required to communicate with the NEER team and owner upon finding unanticipated damage to the residence/ building to determine next steps to complete the anticipated upgrade.

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

10. 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

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 must 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 each upgrade according to minimum requirements outlined in Schedule A.

Table A

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

Table B

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:		

Table C

Products	Description	Total Upgrades for Bid	Product Source Location	Price per home	Total Bid for all homes
Attic Insulation	R-20 to R-50 Batt Insulation, 1000 sq ft home	16			
Air sealing	1000 sq ft home	44			
Electric Water Heaters	80-gallon	17			
Windows	U-factor: ≤ 1.4 W/m²·K (≤ 0.25 BTU/h·ft²·°F) Provide prices for: 36”x48”, 24”x36”, 48’x48	84			
Doors	Insulated sealed doors R Value ≥ 5 U-factor: ≤ 0.20	44			

Crawlspace & Basement Wall Insulation	R-0 to R-10 Rigid Foam Board with vapor barrier. Crawlspace (40 linear feet) Basement (400 Sq ft)	38			
Domestic Hot Water Heat Pump	80-gallon	3			
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 monitory 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 General Contractor

2025 Scope of Work

NAIN

N1-59 SANDBANKS ROAD

Insulation: Basement Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R-18 (Current Insulation: R-10) with a total area of approximately 84 sq ft.
3. Increase the insulation of basement walls by R-10 (Current Insulation: 0) with a total area of approximately 845 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation
5. Moisture barrier must be added for all non-vented crawlspaces

Door Replacement

1. Removal and disposal of current door (1 unit)
2. Replacement with an energy star certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The heated floor area above grade is 1160 sq ft. and below grade area is 647 sq ft. and the target is to improve the airtightness of the house by 18% to achieve 8.18 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Attic Insulation

1. Remove any damaged material if required and assess any leaks in the roof, ensure air sealing is done in the area as well as proper sealing of ducts penetrating the attic before any insulation is added.
2. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R-20 to R-51 in 260 sq foot attic (Ceiling-Gable)

N2-84 B MIDDLE PATH ROAD

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1170 sq ft and the target is to improve the airtightness of the house by 23% to achieve 9.39 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (current insulation: R-12) with a total area of approximately 78 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (current insulation: 0) with a total area of approximately 450 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering
5. Moisture barrier must be added for all non-vented crawlspaces

Attic Insulation

1. Remove any damaged material if required and assess any leaks in the roof, ensure air sealing is done in the area as well as proper sealing of ducts penetrating the attic before any insulation is added.
2. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R-19 to R51 in 1170 sq foot attic.

Door Replacement

3. Removal and disposal of current door (1 unit)
4. Replacement with an energy star certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Window Replacement

1. Removal and proper disposal of existing window (5 units).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of five (5) ENERGY STAR® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

N3-4B SANDBANKS ROAD

Window Replacement

1. Removal and proper disposal of existing windows (5 units).

2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of five (5) ENERGY STAR® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current doors (3 units)
2. Replacement with an energy star certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The heated floor area above grade is 1008 sq ft and below grade area is 924 sq ft and the target is to improve the airtightness of the house by 11% to achieve 6.40 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Hot Water System Upgrade

1. Removal of current hot water tank
2. Installation of ENERGY STAR certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

N4-37 SANDBANKS ROAD

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 960 sq ft and the target is to improve the airtightness of the house by 42% to achieve 13.64 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Door Replacement

1. Removal and disposal of current door (1 unit)

2. Replacement with an energy star certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Window Replacement

1. Removal and proper disposal of existing windows (9 units).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of nine (9) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 88 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-19) with a total area of approximately 424 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering
5. Moisture barrier must be added for all non-vented crawlspaces

N5-4 TUKTUK

Hot Water System Upgrade

1. Removal of current hot water tank
2. Installation of ENERGY STAR® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

Door Replacement

1. Removal and disposal of current door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20.

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 70 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-18) with a total area of approximately 470 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering
5. Moisture barrier must be added for all non-vented crawlspaces

N6-12B MORHARDT STREET

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 975 sq ft and the target is to improve the airtightness of the house by 10% to achieve 5.85 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 96 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-18) with a total area of approximately 448 sq ft.

4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture barrier must be added for all non-vented crawlspaces

N7-21 BRIDGE ROAD

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The heated floor above grade area is 943 sq ft and below grade area is 880 sq ft and the target is to improve the airtightness of the house by 15% to achieve 7.38 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Insulation: Basement Walls

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation of basement walls from the interior or exterior by R10 (Current Insulation: 0) with a total area of approximately 889 sq ft.
3. Rigid foam board or polyurethane spray foam can be used to increase the insulation

Door Replacement

1. Removal and disposal of current door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

N8-78 MIDDLE PATH ROAD

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 99 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-18) with a total area of approximately 462 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Upgrade

1. Removal and disposal of current door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1050 sq ft and the target is to improve the airtightness of the house by 15% to achieve 7.49 ACH@50

    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

N9-3 SERVICE ROAD

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 843 sq ft and the target is to improve the airtightness of the house by 18% to achieve 8.16 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 100 sq ft.

3. Increase the insulation of crawlspace walls by R-7.5 (Current Insulation: R-7.5) with a total area of approximately 478 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces.

Window Replacement

1. Removal and proper disposal of existing windows (4 units).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of four (4) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window units.

N10-5 MIDDLE PATH RD

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1840 sq ft and the target is to improve the airtightness of the house by 10% to achieve 2.27 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Hot Water System Upgrade

1. Removal of Current Hot Water Tank
1. Installation of ENERGY STAR® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

N11-20 OKPIK ROAD

Door Replacement

1. Removal and disposal of current Door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1070 sq ft and the target is to improve the airtightness of the house by 10% to achieve 2.78 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Hot Water System Upgrade

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-22) with a total area of approximately 109 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-19) with a total area of approximately 524 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces

N12-110 MIDDLEPATH RD

Window Replacement

1. Removal and proper disposal of existing window (1 unit).

2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Attic Insulation

1. Remove any damaged material if required and assess any leaks in the roof, ensure air sealing is done in the area as well as proper sealing of ducts penetrating the attic before any insulation is added.
2. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R-31 to R51 in 962 sq foot attic area.

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The heated floor area above grade is 1014 sq ft and below grade area is 1014 sq ft and the target is to improve the airtightness of the house by 10% to achieve 2.83 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

N13-22 BRIDGE ROAD

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-10) with a total area of approximately 180 sq ft.
3. Increase the insulation of crawlspace walls by R-8 (Current Insulation: R-18) with a total area of approximately 240 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation.
5. Moisture Barrier must be added for all non-vented crawlspaces

Door Replacement

1. Removal and disposal of current doors (2 units)
2. Replacement with two ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Window Replacement

1. Removal and proper disposal of existing windows (7 units).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of seven (7) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window units.

N14-17 AMAGUK ROAD

Door Replacement

1. Removal and disposal of current door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Hot Water System Upgrade

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

N15-7 ALAKKATIK

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current door (1 unit)
2. Replacement with an ENERGY STAR®® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1147 sq ft and the target is to improve the airtightness of the house by 12% to achieve 6.60 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

N16-42 MIDDLEPATH ROAD

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1115 sq ft and the target is to improve the airtightness of the house by 27% to achieve 10.32 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Insulation: Floor Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R-20 (Current Insulation: R-20), the house is approximately 1115 sq ft.
3. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Upgrade

1. Removal and disposal of current door (1 unit)
2. Replacement with an ENERGY STAR®® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Hot Water System Upgrade

1. Removal of Current Hot Water Tank
1. Installation of ENERGY STAR® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

N17-15 OKPIK ROAD

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: 0) with a total area of approximately 151 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-10) with a total area of approximately 519 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation.
5. Moisture Barrier must be added for all non-vented crawlspaces

Hot Water System Upgrade

1. Removal of Current Hot Water Tank
1. Installation of ENERGY STAR® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1050 sq ft and the target is to improve the airtightness of the house by 10% to achieve 4.58 ACH@50
        a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.

3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current Door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

N18- 11 SANDBANKS ROAD

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: 0) with a total area of approximately 105 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: 0) with a total area of approximately 500 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 978 sq ft and the target is to improve the airtightness of the house by 10% to achieve 5.85 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Hot Water System Upgrade

1. Removal of Current Hot Water Tank
1. Installation of ENERGY STAR® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

N19- 2 OKPIK ROAD

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 117 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-18) with a total area of approximately 612 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces

Attic Insulation

1. Remove any damaged material if required and assess any leaks in the roof, ensure air sealing is done in the area as well as proper sealing of ducts penetrating the attic before any insulation is added.
2. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R-31 to R51 in 960 sq foot attic.

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1440 sq ft and the target is to improve the airtightness of the house by 10% to achieve 5.12 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Door Replacement

1. Removal and disposal of current Door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Window Replacement

1. Removal and proper disposal of existing windows (3 units).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of three (3) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

N20-44 MIDDLE PATH ROAD

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 50 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-18) with a total area of approximately 336 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 760 sq ft and the target is to improve the airtightness of the house by 26% to achieve 10.09 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

N21- 3 IKAJUKTAUVIK ROAD

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current door (1 unit)

2. Replacement with an ENERGY STAR®® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 125 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-19) with a total area of approximately 599 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1184 sq ft and the target is to improve the airtightness of the house by 10% to achieve 4.95 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

N22-34 SANDBANDKS RD

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1218 sq ft and the target is to improve the airtightness of the house by 10% to achieve 5.96 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 120 sq ft.

3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-18) with a total area of approximately 347 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces.

Window Upgrade

1. Removal and proper disposal of existing window (5 units).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of five (5) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window units.

Door Upgrade

1. Removal and disposal of current door (1 unit)
2. Replacement with an ENERGY STAR®® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

N23-NAIN SAFE HOUSE – 9 ALAKAKTIK RD

Hybrid Heat Pump Water Heater

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR® certified high efficiency hybrid heat pump water electric heater with a UEF: ≥ 3.0

    a) Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

Attic Insulation

1. Remove any damaged material if required and assess any leaks in the roof, ensure air sealing is done in the area as well as proper sealing of ducts penetrating the attic before any insulation is added.
2. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R-40 to R60 in a 2700 sq ft single story building.

RIGOLET

R1-16 CAMPBELLS CUL DE SAC

Insulation: Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R-20 (Current Insulation: R-4) with a total area of approximately 70 sq ft.
3. Polyurethane spray foam and/or rigid foam board can be installed along with fire resistant material covering.
4. Moisture Barrier must be added for all non-vented crawlspaces

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 720 sq ft and the target is to improve the airtightness of the house by 26% to achieve 10.16 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Door Replacement

1. Removal and disposal of current Door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

R2-13 ALLENS MIDTOWN ROAD

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 108 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-19) with a total area of approximately 519 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture barrier must be added for all non-vented crawlspaces.

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1050 sq ft and the target is to improve the airtightness of the house by 10% to achieve 3.82 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Hot Water System Upgrade

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.

a) Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

R3- 1 KITCHEN HILL ROAD

Hot Water System Upgrade

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.

a) Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 870 sq ft and the target is to improve the airtightness of the house by 20% to achieve 8.67 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Insulation: Attic

1. Remove any damaged material if required and assess any leaks in the roof, ensure air sealing is done in the area as well as proper sealing of ducts penetrating the attic before any insulation is added.
2. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R-31 to R51 in 877 sq foot attic.

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

R4- 1 ALLENS MIDTOWN ROAD

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current Door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 80 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-18) with a total area of approximately 444 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces.

Hot Water System Upgrade

3. Removal of Current Hot Water Tank
4. Installation of ENERGY STAR® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.

    a) Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

R5-23 POTTLES OCEANVIEW CRESCENT

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 86 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-19) with a total area of approximately 410 sq ft.
4. Polyurethane spray foam and/or rigid foam board can be installed along with fire resistant material covering.

5. Moisture Barrier must be added for all non-vented crawlspaces

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 670 sq ft and the target is to improve the airtightness of the house by 22% to achieve 9.20 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Hot Water System Upgrade

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

R6- 17 CAMPBELLS CUL DE SAC

Insulation: Attic

1. Remove any damaged material if required and assess any leaks in the roof, ensure air sealing is done in the area as well as proper sealing of ducts penetrating the attic before any insulation is added.
2. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R-21 to R51 in 876 sq foot attic.

Insulation: Crawlspace Walls

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-19) with a total area of approximately 478 sq ft.
3. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
4. Moisture Barrier must be added for all non-vented crawlspaces

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 875 sq ft and the target is to improve the airtightness of the house by 11% to achieve 6.42 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

R7-3 CAMPBELLS CUL DE SAC

Insulation Attic

1. Remove any damaged material if required and assess any leaks in the roof, ensure air sealing is done in the area as well as proper sealing of ducts penetrating the attic before any insulation is added.
2. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R-31 to R51 in 931 sq foot attic.

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: 0) with a total area of approximately 120 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-19) with a total area of approximately 576 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation.
5. Moisture Barrier must be added for all non-vented crawlspaces

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks.

The house is around 930 sq ft and the target is to improve the airtightness of the house by 30% to achieve 10.97 ACH@50

a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

R8-2 FLOWER KITCHEN ROAD

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 120 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-19) with a total area of approximately 576 sq ft.
4. Polyurethane spray foam and/or rigid foam board can be installed along with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces

Hot Water System Upgrade

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1026 sq ft and the target is to improve the airtightness of the house by 26% to achieve 10.26 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.

3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

R9- 8 ALLENS MIDTOWN ROAD

Insulation: Attic

1. Remove any damaged material if required and assess any leaks in the roof, ensure air sealing is done in the area as well as proper sealing of ducts penetrating the attic before any insulation is added.
2. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R-31 to R51 in 877 sq foot attic.

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 64 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-19) with a total area of approximately 307 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 367 sq ft and the target is to improve the airtightness of the house by 51% to achieve 17.10 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

R10- 17 ALLENS MIDTOWN ROAD

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.

2. Increase the insulation in foundation headers by R10 (Current Insulation: 0) with a total area of approximately 96 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-19) with a total area of approximately 462 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces.

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 825 sq ft and the target is to improve the airtightness of the house by 10% to achieve 4.11 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

R11-3 SHIWAKS LANE

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 108 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-19) with a total area of approximately 517 sq ft.
4. Polyurethane spray foam and/or rigid foam board can be installed along with fire resistant material covering.
5. Moisture Barrier must be added for all non-vented crawlspaces.

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 900 sq ft and the target is to improve the airtightness of the house by 19% to achieve 8.45 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Window Replacements

1. Removal and proper disposal of existing window (2 units)
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of two (2) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window units.

R12- 14 BLAKES WATERFRONT STREET

Insulation: Crawlspace Walls, Foundation Headers and Floor Above Crawlspace

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation of the floor above crawlspace by R10 (Current Insulation: 0) with a total area of approximately 354 sq ft.
3. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 80 sq ft.
4. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-19) with a total area of approximately 116 sq ft.
5. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
6. Moisture Barrier must be added for all non-vented crawlspaces

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 448 sq ft and the target is to improve the airtightness of the house by 20% to achieve 8.67 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

R13- 28 PALLISERS LOOP

Insulation: Attic

1. Remove any damaged material if required and assess any leaks in the roof, ensure air sealing is done in the area as well as proper sealing of ducts penetrating the attic before any insulation is added.

2. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R-31 to R51 in 975 sq foot attic.

Insulation: Crawlspace Walls and Foundation Headers

6. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
7. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 96 sq ft.
8. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-18) with a total area of approximately 448s q ft.
9. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation with fire resistant material covering.
10. Moisture Barrier must be added for all non-vented crawlspaces.

Window Replacement

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current Door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 975 sq ft and the target is to improve the airtightness of the house by 10% to achieve 6.15 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

MAKKOVIK

M1-65 MORAVIAN ST

Insulation: Foundation/ Crawlspace

1. Insulation Removal if damaged
2. Insulation increases in Foundation Headers from R-3 to R-13 (Increase of R-10) in 141 Sq footage space – suggested material is polyurethane spray foam and a fire-resistant material covering.
3. Crawlspace walls Insulation increase from R-14 to R-24 (R-10 Increase) for sq foot space 677.
4. Insulation can be added from the Exterior or Interior; Rigid foam board or polyurethane spray foam can be used to increase the insulation; 677 sq ft.
5. Moisture Barrier must be added for all non-vented crawlspaces.
    a. minimum 0.10 mm and ensure all seams are sealed with caulking and/or acoustical sealant; all overlapping areas must be taped with sheathing tape or equivalent.

Door Replacement

1. Removal and disposal of current Door (1 unit)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20.

Attic Insulation

1. Remove any damaged material if required and assess any leaks in the roof, ensure air sealing is done in the area as well as proper sealing of ducts penetrating the attic before any insulation is added.
2. Top-up of blown-in loose-fill cellulose or fiberglass insulation in “GABLE BACK ENTRY” by R-51 to achieve R-50 or more (267 sq ft) and “MAIN GABLE” by R-16.2 to achieve R-50 (1168 sq ft)

Air Sealing

1. Sealing cracks and gaps between window frames, door frames and potential caps and cavities where walls and ceilings meet. Home is around 1878 sq footage, with an aim to reduce air leakage by 19% to achieve 8.58 air change(s) per hour at 50 pascals.
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

M2-16A HARMONY RD

Air Sealing

2. Sealing cracks and gaps between window frames, door frames and potential caps and cavities where walls and ceilings meet. Home is 1819 sq footage, with an aim to reduce air leakage by 23% to achieve 9.38 air change(s) per hour at 50 pascals.

a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Window Replacement

1. Removal and disposal of previous window (4 Window for replacement)
2. Minor Framing adjustments as required for any previous damage on window fitting as needed.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current Door (1 Door for replacement)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20.

Insulation: Foundation/ Crawlspace

6. Insulation Removal if damaged
7. Insulation increases in Foundation Headers from R-3 to R-13 (Increase of R-10) in 22 Sq footage space – suggested material is polyurethane spray foam and a fire resistant material covering.
8. Crawlspace walls Insulation increase from R-15 to R-25 for sq foot space 425.
9. Insulation can be added from the Exterior or Interior; which can be insulated with closed-cell spray polyurethane foam, XPS, EPS, or polyisocyanurate directly on the concrete.
10. Moisture Barrier must be added on the crawl space floor (minimum 0.10 mm), seams to be caulked and taped at seams.

M3-6A SEAVIEW CRESCENT

Basement Wall Insulation

1. Assess current foundation for cracks, leaks, and flooding before insulation work is started.
2. Scope of work is to crease 100% of basement walls from the interior by R10.4 polyisocyanurate directly on the concrete; 2015 sq ft.
3. Prepare the wall for Drywall insulation using a wood grid system.

Hot Water Tank

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR® certified 50-gallon Energy Efficient Domestic Hot Water Tank with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

Air Sealing

1. Sealing cracks and gaps between window frames, door frames and potential caps and cavities where walls and ceilings meet. Home is around 2015 sq footage, with an aim to reduce air leakage by 10% to achieve 2.05 air change(s) per hour at 50 pascals.
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

M4-16 SEAVIEW CRESCENT

Basement Wall Insulation

4. Assess current foundation for cracks, leaks, and flooding before insulation work is started.
5. Scope of work is for 100% of the basement walls, increasing by R-10 (460 sq ft) from the interior and the basement pony walls by R-10 (425 sq ft) ;which can be insulated with closed-cell spray polyurethane foam, XPS, EPS, or polyisocyanurate directly on the concrete; ~409 sq ft
6. Prepare the wall for Drywall insulation using a wood grid system.

Hot Water Tank

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR® certified 50-gallon Energy Efficient Domestic Hot Water Tank with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

Air Sealing

1. Sealing cracks and gaps between window frames, door frames and potential caps and cavities where walls and ceilings meet. Home is around 1500 sq footage, with an aim to reduce air leakage by 16% to achieve 7.80 air change(s) per hour at 50 pascals.
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

M5-9 SPRICE AVENUE

Door Replacement

3. Removal and disposal of current Door (1 Door for replacement)
4. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20.

Window Replacement

1. Removal and disposal of previous window (1 Window for replacement)
2. Minor Framing adjustments as required for any previous damage on window fitting as needed.

3. Installation of ENERGY STAR® Certified triple pane, low-e coated argon filled units; 48'x48" window.

Air Sealing

1. Sealing cracks and gaps between window frames, door frames and potential caps and cavities where walls and ceilings meet. Home is around 1500 sq footage, with an aim to reduce air leakage by 10% to achieve 1.89 air change(s) per hour at 50 pascals.
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

HOPEDALE

H1-34 WATER STREET

Insulation: Basement Wall and Foundation Headers

7. Assess current foundation for cracks, leaks, and flooding before insulation work is started.
8. Increase the insulation of the basement headers by R-20 (Current level is R-30). The square foot area is 79.
9. Increase Insulation of the basement concrete walls by R-10 (Current Insulation: 0). The area is 501 sq ft and expected to be currently uninsulated.
10. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is 1672 sq ft and the target is to improve the airtightness of the house by 10% to achieve 3.58 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

H3-17 BERRY ROAD

Door Replacement

1. Removal and disposal of current Door (1 unit)
2. Replacement with an ENERGY STAR®® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

H4-6 TUTTUK

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.

2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 105 sq ft.
3. Increase the insulation of crawlspace walls by R-29 (Current Insulation: R-14) with a total area of approximately 420 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation
5. Moisture Barrier must be added for all non-vented crawlspaces

Window Upgrade

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current Door (2 units)
2. Replacement with ENERGY STAR®® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

H5-5 SETNIK RD

Hot Water System Upgrade

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR®® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 818 sq ft and the target is to improve the airtightness of the house by 10% to achieve 3.75 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Window Upgrade

1. Removal and proper disposal of existing window (1 unit).

2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current Door (1 unit)
2. Replacement with an ENERGY STAR®® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-21) with a total area of approximately 95 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-15) with a total area of approximately 379 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation
5. Moisture Barrier must be added for all non-vented crawlspaces

H6-1 NAUJAK RD

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-10) with a total area of approximately 330 sq ft.
3. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation
4. Moisture Barrier must be added for all non-vented crawlspaces

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1063 sq ft and the target is to improve the airtightness of the house by 16% to achieve 7.75 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

H7-9 AIRSTRIP RD

Window Upgrade

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R18 (Current Insulation: R-3) with a total area of approximately 98 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-2) with a total area of approximately 394 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation
5. Moisture Barrier must be added for all non-vented crawlspaces

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1700 sq ft and the target is to improve the airtightness of the house by 10% to achieve 4.78 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

H8-12 AMERICAN ROAD

Window Upgrade

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current Door (1 unit)
2. Replacement with an ENERGY STAR®® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks.

The house is around 1041 sq ft and the target is to improve the airtightness of the house by 10% to achieve 5.79 ACH@50

a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Hot Water System Upgrade

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR®® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

H9-6 WINTERS LANE

Insulation Attic

1. Remove any damaged material if required and assess any leaks in the roof, ensure air sealing is done in the area as well as proper sealing of ducts penetrating the attic before any insulation is added.
2. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R-31 to R51 in 825 sq foot attic.

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 824 sq ft and the target is to improve the airtightness of the house by 10% to achieve 3.98 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

H10-23 AMERICAN ROAD

Window Upgrade

1. Removal and proper disposal of existing window (1 unit).
2. Minor framing repairs or adjustments as required to address any pre-existing damage around the window opening.
3. Supply and installation of one (1) ENERGY STAR®® certified, triple-pane, low-emissivity (low-e), argon-filled window unit.

Door Replacement

1. Removal and disposal of current Door (1 unit)
2. Replacement with an ENERGY STAR®® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20

Insulation: Crawlspace Walls and Foundation Headers

1. Removal of any damaged insulation if required and assess current foundation for cracks, leaks, and flooding before further insulation is added.
2. Increase the insulation in foundation headers by R10 (Current Insulation: R-20) with a total area of approximately 161 sq ft.
3. Increase the insulation of crawlspace walls by R-10 (Current Insulation: R-15) with a total area of approximately 644 sq ft.
4. Rigid foam board and/or polyurethane spray foam can be used to increase the insulation
5. Moisture Barrier must be added for all non-vented crawlspaces

Air Sealing

1. Air sealing work will target the attic access, foundation headers, wall penetrations, electrical and plumbing penetrations, drafts around windows and doors, baseboards and other gaps and cracks. The house is around 1478 sq ft and the target is to improve the airtightness of the house by 10% to achieve 3.68 ACH@50
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

H11-2 HARBOUR DRIVE (patty DICKER FRANKS)

Hot Water System Upgrade (HEAT PUMP-DWH)

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR®® certified high efficiency hot water electric heater with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

<u>POSTVILLE</u>

P1-12-KAIPOT DR

Attic Insulation

1. Inspect Attic Insulation, remove any damaged material if applicable
2. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R21 to R51 in 801 sq foot attic.

Basement Wall Insulation

11. Assess current foundation for cracks, leaks, and flooding before insulation work is started.
12. Scope of work is required for the exposed concrete foundation wall, to be increased from the interior by R-10; which can be insulated with closed-cell spray polyurethane foam, XPS, EPS, or polyisocyanurate directly on the concrete; 738 sq ft.
13. Prepare the wall for Drywall insulation using a wood grid system.

Air Sealing

1. Sealing cracks and gaps between window frames, door frames and potential caps and cavities where walls and ceilings meet. Home is around 1500 sq footage, with an aim to reduce air leakage by 11% to achieve 6.36 air change(s) per hour at 50 pascals.
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Window Replacement

1. Removal and disposal of previous window (1 Window for replacement)
2. Minor Framing adjustments as required for any previous damage on window fitting as needed.
3. Installation of ENERGY STAR® Certified triple pane, low-e coated argon filled units; 48'x48" window.

Door Replacement

1. Removal and disposal of current Door (1 Door for replacement)
2. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20.

Hot Water Tank

1. Removal of Current Hot Water Tank
2. Installation of ENERGY STAR® certified 50-gallon Energy Efficient Domestic Hot Water Tank with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

P2-9 HIGH VIEW RD

Air Sealing

2. Sealing cracks and gaps between window frames, door frames and potential caps and cavities where walls and ceilings meet. Home is around 1100 sq footage, with an aim to reduce air leakage by 61% to achieve 7.66 air change(s) per hour at 50 pascals.
    a. Must use durable materials i.e. caulking, spray foam, weather stripping gaskets, and bracket rods.

Attic Insulation

3. Inspect Attic Insulation, remove any damaged material if applicable
4. Top-up of blown-in loose-fill cellulose or fiberglass insulation from R22 to R51 in 1063 sq foot attic.

Insulation: Foundation/ Crawlspace

1. Insulation Removal if damaged
2. Insulation increase in Foundation Headers from R-22 to R-31 (Increase of R-10) in 108 Sq footage space – suggested material is polyurethane spray foam and a fire resistant material covering.
3. Crawlspace walls Insulation increase from R-15 to R-25 for sq foot space 1063.
4. Insulation can be added from the Exterior or Interior; which can be insulated with closed-cell spray polyurethane foam, XPS, EPS, or polyisocyanurate directly on the concrete; 738 sq ft.
5. Moisture Barrior must be added on the crawl space floor (minimum 0.10 mm), seams to be caulked and taped at seams.

Window Replacement

4. Removal and disposal of previous window (1 Window for replacement)
5. Minor Framing adjustments as required for any previous damage on window fitting as needed.
6. Installation of ENERGY STAR® Certified triple pane, low-e coated argon filled units; 48'x48" window.

Door Replacement

3. Removal and disposal of current Door (1 Door for replacement)
4. Replacement with an ENERGY STAR® certified., insulated, weather sealed doors with R value over 5 and U-factor under 0.20.

Hot Water Tank

3. Removal of Current Hot Water Tank
4. Installation of ENERGY STAR® certified 50-gallon Energy Efficient Domestic Hot Water Tank with a UEF: ≥ 0.91.
    a. Quote should factor the utilization of extra materials required to ensure the proper function of the product at the end of installation; flexible water supply connectors, copper piping, plumbing fittings, valves, drains, temperature and pressure relief, wire connects, etc.

Acknowledgement

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

_____
Signature