

INSTRUCTIONS TO BIDDERS

Mail or deliver this entire completed bid package in a sealed envelope to be received no later than 10:00 A.M. on Wednesday, July 2, 2014

TO: Town of Vernon
Town Planner's Office
55 West Main Street
Vernon, CT 06066

To be noted on the outside of the envelope:

DO NOT OPEN UNTIL 10:00 A.M. on Wednesday, July 2, 2014
Project # 146-50
424 Taylor Street
Vernon, CT 06066

There will be a mandatory pre-bid conference on Wednesday, June 25, 2014 at 11:00 a.m. at

424 Taylor Street
Vernon, CT 06066

NOTE: CONTRACTOR IS TO SUBMIT THE ENTIRE BID PACKAGE AND ANY ADDENDUM ISSUED. ALL BIDS MUST BE FILLED IN COMPLETELY. IT IS SUGGESTED THAT THE CONTRACTOR RETAIN A COPY OF THE ENTIRE BID PACKAGE.

ALL BIDS SHALL REMAIN IN EFFECT FOR FORTY-FIVE (45) CALENDAR DAYS AFTER THE RECEIPT OF BIDS.

CONTRACTOR'S BUSINESS NAME: _____

AN AFFIRMATIVE ACTION/ EQUAL OPPORTUNITY EMPLOYER
WBE/ SBE/ MBE & SECTION 3 DESIGNATED BUSINESSES
ARE ENCOURAGED TO APPLY

**TOWN OF VERNON
GENERAL CONDITIONS**

OWNER: Richard & Ethel Whitmore

Project # 146-50

ADDRESS: 424 Taylor Street
Vernon, CT 06066

1. The Contractor, unless otherwise specified, shall provide all labor, materials, tools, equipment, and related items, and pay all necessary taxes, fees, and permits necessary to complete all of his work as detailed on the attached scope of work.
2. All rehabilitation, alterations, repairs, or extensions shall be in compliance with all applicable codes of the Municipality. All electrical, heating, and plumbing work shall comply with the rules and regulations of the National, State and Local Codes. Before commencing work, contractors and/or subcontractors shall obtain all necessary permits and provide a copy to the Owner.
3. The Contractor certifies that he has familiarized himself with the requirements of the specifications and plans and understands the extent and character of the work to be done, and inspected the premises and given his full attention to any and all areas with which he might become specifically involved. He must familiarize himself with all conditions relating to and affecting his work and bid.
4. The selected Contractor must, prior to contract signing, supply the Town of Vernon and the Owner with the original certificates of insurance for workers compensation insurance and general liability insurance with a broad form contractual endorsement with minimum limits of one million (\$1,000,000.00) dollars per occurrence for bodily injury and five hundred thousand (\$500,000.00) dollars per occurrence for property damage and Auto Liability insurance in accordance with State law. The Contractor shall indemnify and save harmless the Owner and the Town of Vernon under these policies, which shall list the Town of Vernon, its agents and the Owner as additional insured.
5. The Contractor agrees that all services offered by the Municipality through L. Wagner & Associates, Inc. (hereinafter referred to as the "Consultant"), which may affect the Contractor, are offered by the Municipality in order to assist in the project implementation and the necessary program compliance. The Contractor agrees to, upon review and acceptance of such services provided, indemnify, defend, save and hold harmless the Municipality and Consultant, their officers, agents and employees from and against any and all damage, liability, loss, expense, judgment or deficiency of any nature whatsoever (including, without limitation, reasonable attorney's fees and other costs and expenses incident to any suit, action or proceeding) incurred or sustained by Municipality or consultant which shall arise out of or result from consultant's performance in good faith of services pursuant to the Professional Services Contract. The Contractor agrees that the Consultant shall not be liable to the Contractor, its heirs, successors or assigns, for any act performed within the duties and scope of employment pursuant to Professional Services Contract.

6. All materials shall be new and of acceptable quality. The property Owner shall select all colors, models, etc. All materials and work must be applied in accordance with the applicable manufacturer's latest instructions and specifications, and in accordance with Federal prohibitions against the use of lead paint. All manufacturers' warranties are to be extended to the property Owner free and clear of all liens. Unless otherwise specified, all labor, material, and workmanship provided by the Contractor shall be guaranteed by the Contractor for a one (1) year period from the date of the Certificate of Completion. This guarantee shall be in addition to and not in limitation of, in lieu of, or modify any other guarantee that is due the property Owner from any manufacturer.
7. The Contractor shall repair or replace all work, materials, and equipment which are found to be defective during construction and the guarantee period. Repair shall include all damage to surrounding work caused by the failure and/or necessary for the repair or replacement of the defect. All repairs and replacements shall be performed at no additional expense to the Owner and shall be completed promptly after the Contractor receives notice of the defect.
8. The Contractor shall take all necessary measures and precautions to protect the surroundings from damage occurring due to performance of the work. If such damage occurs it will be repaired by the Contractor at no cost to the Owner.
9. The Contractor shall dispose of all debris and remove all material resulting from his work in accordance with local and State law. The Contractor shall police and maintain a clean and safe job site daily. He shall reinstall accessories taken down and clean up all scrap around the project and remove fingerprints. All on-site maintenance relating to the performance of the work shall be the responsibility of the Contractor until the Certificate of Completion is issued. The project shall be maintained in a habitable and safe condition daily if the project is to remain occupied.
10. All work shall be neat and accurate and done in a manner in accordance with customary trade practices.
11. The Contractor shall not make any changes to the scope of work unless a change order is processed and fully executed by the property Owner and the Program.
12. The Owner may cancel this contract by _____ and not be liable to the Contractor or the Municipality. Should the Owner opt to cancel they must sign and send the attached cancellation notice, see Attachment A, to the Contractor, other wise the Owner shall issue a Notice to Proceed authorizing the contractor to commence with the proposed improvements. Should the Notice to Proceed not be issued prior to 10 consecutive calendar days from the date of the expiration date of the right to cancel then the Contract will become Null and Void.
13. The Contractor shall commence work under this contract prior to _____ and complete the work by _____.

14. If the Contractor is delayed at any time in the progress of the work by any act or neglect of the Owner or by any employee of the Owner, or by any separate Contractor employed by the Owner, or by changes ordered in the work or by labor disputes, fire, unusual delay in delivery of materials, transportation, adverse weather conditions not reasonably anticipatable, unavoidable casualties, or any causes beyond the Contractor's control, or by delay authorized by the Owner pending arbitration, or by any other cause which justifies the delay, the contract time shall be extended by Change Order for such reasonable time as may be agreed upon by all parties. It shall be the responsibility of the Contractor to request and document in writing such extensions within three (3) calendar days.
15. In the event that the Contractor does not commence or pursue the work as hereinafter stated, then the Owner shall have the right to terminate this agreement and to hire a successor Contractor to perform the work. Any such termination shall be by certified mail to the address noted in this agreement, and shall be effective as of the date of mailing. Payments by the Owner in the event of termination shall be as follows:
16. The successor Contractor shall first be paid and then the terminated Contractor. Payments to the terminated Contractor shall be limited both as to those funds remaining after payment to the successor Contractor but shall not exceed the value of the work actually performed by the terminated Contractor. Further, should the total cost for work performed under this contract exceed the amount stated in this agreement due to the Contractor's termination; then the Owner shall have a cause of action against the terminated Contractor for any such additional cost.
17. If, through any cause, the Contractor shall fail to fulfill in a timely and proper manner his obligations under this Contract, or if the Contractor shall violate any of the covenants, agreements, or stipulations of this Contract, the Owner shall, thereupon, have the right to terminate this Contract by giving written notice to the Contractor of such termination and specifying the effective date of such termination. In such event, all unfinished work required by the Contractor under this Contract shall, at the option of the Owner, be completed or not.
18. The Contractor may request a maximum of _____ progress payments as work is completed in accordance with the attached specifications. No down payments or payments for materials stored on site shall be authorized. Payment applications shall be addressed to the property owner in the form of an itemized bill for the portion of work completed by the Contractor. The first payment application shall be accompanied by a copy of the Building Permit. Fully executed Lien Waiver(s) shall be provided by the Contractor upon receipt of the payment. Lien waivers from the Prime Contractor, sub-contractors and material suppliers will be required on a form provided by the Program. Final payment is contingent upon the receipt of a signature of the respective inspector for which each permit was issued. The Contractor shall be responsible for obtaining the signatures and presenting them upon final payment.
19. All claims or disputes between the Owner and Contractor arising out of or related to the work shall be resolved in accordance with Construction industry arbitration rules of the American Arbitration Association (AAA), unless the parties mutually agree otherwise. The Owner and Contractor shall submit all disputes or claims, regardless of the extent of the work's progress, to AAA. Notice of the demand for arbitration shall be filed in writing, with a copy to the other party to this Construction Agreement, and shall be made within a reasonable time after the dispute has arisen.

The award rendered by the arbitrator shall be final, and judgment may be entered upon it in accordance with applicable law in any court having jurisdiction thereof. IF the arbitrator's award is in a sum which is less than that which was offered in settlement by the Owner, the arbitrator may award costs and attorney's fees in favor of the Owner. If the award of the arbitrator is in a sum greater than that which was offered in settlement by the Contractor, the arbitrator may award costs and attorney's fees in favor of the Contractor.

It is understood and agreed by the parties hereto that neither party will institute any form of legal action, including, but not limited to, attaching the assets of the other party, unless and until it has made a good faith attempt to have the dispute resolved in accordance with the provisions of this Section. Noncompliance with the conditions precedent constitutes a waiver of the right to assert said claim.

20. Section 3 of the Housing and Urban Development Act of 1968 applies to this contract if the amount of HUD assistance exceeds \$200,000 or the contract or subcontract exceeds \$100,000. The Contractor shall, to the maximum extent feasible, provide opportunities for training and employment in connection with this contract to low income persons residing in the PMSA relevant to the project location. The Contractor must make a good faith effort to fill any job vacancies and training opportunities with low income persons residing in the PMSA relevant to the project location. Where the preceding applies, contractors must comply with the following Section 3 Clause:

- A. The work to be performed under this contract is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1791u (Section 3). The purpose of Section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by Section 3, shall, to the greatest extent feasible, be directed to low- and very low-income persons, particularly persons who are recipients of HUD assistance for housing.
- B. The parties to this contract agree to comply with HUD's regulations in 24 CFR part 135, which implement Section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the part 135 regulations.
- C. The Contractor agrees to send to each labor organization or representative of workers with which the Contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers representative of the Contractor's commitments under this Section 3 clause, and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the Section 3 preference shall set for the minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each; and the name and location of the person(s) taking application for each of the positions; and the anticipated date the work shall begin.

- D. The Contractor agrees to include this Section 3 clause in every subcontract subject to compliance with regulations in 24 CFR part 135, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this Section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR part 135. The Contractor will not subcontract with any subcontractor where the Contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR part 135.
- E. The Contractor will certify that any vacant employment positions, including training positions, that are filled (1) after the Contractor is selected but before the contract is executed, and (2) with persons other than those to whom the regulations of 24 CFR part 135 require employment opportunities to be directed, were not filled to circumvent the Contractor's obligations under 24 CFR part 135.
- F. Noncompliance with HUD's regulations in 24 CFR part 135 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.
21. The Contractor will not discriminate against any employee or applicant for employment because of race, color, creed, religion, sex, sexual preference, national origin, or mental or physical disability during the performance of this agreement. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, in all employment practices such as the following: employment, upgrading, demotion or transfer, recruitment, advertising, layoff or termination, rates of pay or other forms of compensation and selection for training, including apprenticeship, without regard to their race, color, creed, religion, sex, sexual preference, national origin or mental or physical disability. This provision will be inserted in all subcontracts for work covered by this agreement.
22. In the event of the Contractor's noncompliance with this equal opportunity clause or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further contracts in accordance with procedures authorized in Presidential Executive Order 11246, or by rule, regulations, or order of the Secretary of Labor or as provided by law.
23. The following applies to all contracts of \$10,000.00 or more: SECTION 402 VETERANS OF THE VIETNAM ERA. AFFIRMATIVE ACTION FOR DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA. The Contractor will not discriminate against any employee or applicant for employment because he or she is a disabled veteran of the Vietnam era in regard to any position for which the employee or applicant for employment is qualified. The Contractor agrees to take affirmative action to employ, advance in employment and otherwise treat qualified disabled veterans and veterans of the Vietnam era without discrimination based upon their disability or veteran status in all employment practices such as the following: employment upgrading, demotion or transfer, recruitment, advertising, layoff or termination, rates of pay or other forms of compensation and selection for training, including apprenticeship.

24. The premises herein shall be occupied during the course of the construction work.
25. No officer, employee or member of the Governing Body of the Town of Vernon shall have any financial interest, direct or indirect, in this contract or the proceeds of this loan.
26. The Owner and/or Town retains the right to reject any or all bids or any part of any bid in part or in whole if deemed to be in the best interest of the Owner and/or Town.
27. Substitutions of materials from that specified are only allowed on an approved/equal basis. The Contractor must submit written documentation of the substitute item or material for approval by the Owner and Program prior to making such substitution. Any items or material substituted by the Contractor without prior written approval of the Owner and Program will at Contractor's expense be replaced if it is determined not to be equal to the item or material specified. Any surrounding, adjoining, or dependent items affected by replacement of unequal substituted material shall also be replaced, reworked, and reinstalled at no cost to the Owner.
28. Bids shall contain prices for general categories of work and/or items as specified on the attached sheets. In the event of a discrepancy between prices listed in the specifications and those on the cost summary sheet, the prices listed on the specification for that section shall prevail. In the case of a mathematical error by the Contractor, the correct sum of the individual line items in the specifications (not in the cost summary) shall be the Contractor's bid.
29. All bids shall remain in effect for forty five (45) calendar days.
30. The Owner will supply all necessary power required by the Contractor at no additional cost to complete his work. Power shall be limited to the use of existing outlets and shall not exceed the existing capacity of the system. Power required over the capacity of the existing electrical system shall be the responsibility of the Contractor. Heating during construction shall be supplied by the owner.
31. OTHER PROVISIONS – LEAD BASED PAINT
 - A. Any and all rehabilitation work under this Agreement will comply with the requirements of the Federal Lead-Based Paint Poisoning Prevention Act (42 U.S.C. 4831) which prohibits the use of lead-based paint in residential structures constructed or rehabilitated with Federal Assistance in any form. The construction or rehabilitation of residential structures with assistance provided under this contract is subject to the final regulations "Requirements for Notification, Evaluation and Reduction of Lead-Based Paint Hazards in Federally owned Residential Property and Housing Receiving Federal Assistance". The regulation is at 24 CFR Part 35. It implements sections 1012 and 1013 of the Residential Lead-Based Paint Hazard Reduction Act of 1992, Title X, of the Housing and Community Development Act of 1992. Sections 1012 and 1013 amend the Lead-Based Paint Poisoning Prevention Act of 1971.

B. Provided, however, that the Owner shall have sole responsibility for assuring that his property conforms to the Lead-Based Paint Removal Requirements and the Program shall not assume any liability whatsoever as a result of identifying volatile levels of Lead-Based Paint or its removal except insofar as to comply with applicable environmental regulations.

C. PUBLIC LAW 91-695 "LEAD-BASED PAINT POISONING PREVENTION ACT"
The Contractor shall adhere strictly to the provisions of the "Lead-Based Paint Poisoning Prevention Act". Specifically, the Contractor will not utilize lead-based paint as a finish or undercoat or any other use in or out of residential dwellings funded in whole and/or part by the Federal Government.

32 The specifications and drawings, if any, are complimentary. Work described in the specifications does not necessarily have to appear on the drawings, nor does work described on the drawings necessarily have to appear in the specifications. The Contractor is responsible for estimating all work whether described in the specifications, the drawings, or both. If there is a discrepancy between the drawings and the specifications, the specifications shall prevail. All work, whether described in the specifications, or the drawings is to be included in the bid summary sheet by appropriate line item. The contract will only be awarded to general Contractors bidding on ALL line items.

Attachment A

Notice of Cancellation

«Date»

You may cancel this transaction without any penalty or obligation, within three business days from the above date.

If you cancel, any property traded in, any payments made by you under the contract or sale, and any negotiable instrument executed by you will be returned within ten business days following receipt by the seller of your cancellation notice, and any security interest out of the transaction will be canceled.

If you cancel, you must make available to the seller at your residence, in substantially as good condition as when received, any goods delivered to you under this contract or sale; or you may, if you wish, comply with the instructions of the seller regarding the return shipment of the goods at the seller's expense and risk. If you do make the goods available to the seller and the seller does not pick them up within twenty days of the date of the cancellation, you may retain or dispose of the goods without any further obligation. If you fail to make the goods available to the seller, or if you agree to return the goods to the seller and fail to do so, then you remain liable for performance of all obligations under the contract.

To cancel this transaction, mail or deliver a signed and dated copy of this cancellation notice or any other written notice, or send a telegram to «Business_Name» at «Contractor_Address», «Contractor_CityStateZip», not later than midnight of «Contract_Cancel_Date».

I hereby cancel this transaction.

Signed

Date

GENERAL CONSTRUCTION NOTES

1. The Contractor shall perform the work to accommodate to the greatest extent reasonable the normal use of the premises by the Owner during the construction period.
2. It is the Owners intention to proceed with the dwelling occupied during the entire construction project. Coordinate with the Owner in all construction operations to minimize conflict, and to facilitate the Owner usage of the dwelling, parking, and access to the building.
3. The Contractor shall maintain containment within the work area when performing lead based paint reduction activities as required, until such time as clearance is received.
4. The Contractor shall coordinate any and all short-term interruptions or shutdowns with the Owner prior to commencing.
5. The Contractor shall take every precaution to ensure the safety of the occupants during all phases of construction. The Contractor shall to the greatest extent reasonable maintain a least one exit for access. Coordinate restrictions and closures with Owner.
6. The Contractor shall be responsible for protecting the dwelling and contents from weather and damage during construction, and shall be responsible for the repair and or replacement of any damage to the building and or contents until completion of the contract.
7. The Contractor shall assume full responsibility for the protection and safekeeping of his materials and products under this Contract stored on the site. The Contractor shall move any stored products under the Contractor's control which interfere with operations of the owner.

Project Meetings

1. The selected Contractor shall attend a contract signing meeting as scheduled by the Owner, and Consultant.
2. The selected Contractor shall attend periodic job meetings during the course of construction, on site, as required.

Product and Execution

1. Workers shall be experienced and skillful in performing the work assigned to them.
2. Contractor shall verify critical dimensions, operations and functions in the field before ordering or fabricating items which must fit adjoining construction. The Contractor shall verify all existing conditions and dimensions prior to the work. Any and all discrepancies shall be reported to the Owner and Consultant prior to ordering any materials or performing the work.
3. The Contractor shall follow manufacturer's instructions for assembly, installation and product adjustment. In the event of conflicting specifications the specifications of the manufacturer shall prevail.
4. In the event of an unforeseen circumstance, the Contractor shall notify the Owner and Consultant within three days of discovery. If the work is deemed additional or extra by the Consultant then a change order will be negotiated, executed and authorized by the Contractor, Owner and Consultant prior to the commencement of the work. Any work performed prior to the execution of a change order may or may not be considered for payment.
5. The specifications do not attempt to detail every task and procedure required to perform the work in full. The Contractor shall perform the work as required to complete the work in a professional manner using customary trade practices and standard work practices.

Removal of Debris and Site Maintenance

1. The contractor shall include in their bid the cost of trash containers and the removal and lawful disposal of said debris off site.
2. The Contractor shall coordinate with the Owner for the placement of trash containers if necessary prior to the start of demolition.
3. The Contractor shall be responsible for the daily clean up and maintenance of the site. All debris, construction materials, scrap, rubbish etc. shall be placed in a trash container or dumpster on a daily basis. Sidewalks, driveways and pedestrian ways shall be broom swept at the end of each day.

Material Delivery, Storage and Handling

1. The Contractor shall determine and comply with manufacturer's recommendation on product handling, storage installation and protection.
2. Products shall be delivered to the job site in their manufacturers' original containers, with labels intact and legible. Do not deliver materials to job site until they can be properly protected.
3. Maintain packaged materials with seals unbroken and labels intact until time of use.
4. The Owner and or Consultant may reject materials and products which do not bear identification satisfactory to the Owner or Consultant.

Submittal

The following list of submittals is for the convenience of all parties concerned it is not necessarily a complete list of all submittals required.

1. Submit the following before the start of work:
 - a. Copy of building permit.
 - b. Construction schedule.
 - c. Material submittals if not using materials as specified.
2. Submittals before Certificate of Completion and final payment.
 - a. Acceptance of work from local Building Official.
 - b. All warranty and guarantee information
 - c. Signed and notarized lien waivers from first tier subcontractors and suppliers.

Richard & Ethel Whitmore
424 Taylor Street
Vernon, CT 06066

Project # 146-50

Warranties and Guarantees

1. The Contractor shall issue the Owner a written Notice of Guarantee after the date of receipt of Certificate of Completion. Submit to the Owner on letterhead in the following form;

Name of Project and Date

I/We, Company Name hereby warranty and guarantee the labor and workmanship on the renovations performed at 424 Taylor Street, Vernon, CT as per the contract signed on Contract Date for a period of one (1) year from the date of the Certificate of Completion.

Signed _____ Dated _____

VINYL SIDING

General

Work in this section shall be governed by the Contract Documents. Contractor shall provide all materials, labor, equipment and services necessary, to perform and complete the work specified herein and or as required by job conditions.

Intent

The intent of the proposed work shall include but not limited to the following:

1. Remove and dispose of existing wood shakes, soffit material and gable vents.
2. Provide and install double 4" vinyl clap board siding with all related insulation, accessories and trims.
3. Remove and dispose of through the wall AC unit. Frame and close in opening.
4. Provide and install PVC clad aluminum coil stock on exterior rakes, fascia, casings, and trim as required.

References

1. ASTM D 635—Standard Method for Rate of Burning of Self Supporting Plastics in a Horizontal Position
2. ASTM D 638 -- Standard Methods for Tensile Properties of Plastics.
3. ASTM D 648—Test Method for Deflection Temperature of Plastics under Flexural Load.
4. ASTM D 696—Standard Test Method for Coefficient of Linear Thermal Expansion of Plastic Between -30 degree C and 30 degrees C.
5. ASTM D 1435—Standard Practice Method for Outdoor Weathering of Plastics.
6. ASTM D 1929 – Standard Test Method for Ignition Properties of Plastics.
7. ASTM D 2843—Standard Test Method for Density of Smoke from Burning or Decomposition of Plastics.
8. ASTM D 3679 – Standard Specification for Rigid Poly Siding.
9. ASTM D 4101 – Standard Specification for Propylene Plastic Injection and Extrusion.

10. ASTM D 4216 – Standard Specification for Rigid Poly Compounds and Related Plastic Building Product Compounds.
11. ASTM D 4226 -- Standard Test Methods for Impact Resistance of PVC Building Products.
12. ASTM D 4477 -- Standard Specification for Rigid Poly Soffit.
13. ASTM D 5206 -- Standard Wind load Resistance Test.
14. ASTM E 84 -- Standard Test Method for Surface Burning Characteristics of Building Materials.
15. ASTM E 119 -- Standard Test Methods for Fire Test of Building Construction and Materials.

Manufacturer

1. Provide one of the following manufacturers of siding:
 - a. Fairfield, .044, double 4”.
 - b. Mastic, Carvedwood .044, double 4”.
2. Provide one of the following manufacturers of coil stock:
 - a. Alcoa, PVC coated one side .019 thickness.
3. Provide one of the following manufacturers of soffit and ceiling material:
 - a. Mastic Soffit, Pro-Tech Plus triple 4 center vent and/or solid soffit
 - b. CertainTeed / Wolverine Soffit, Universal triple 4 center vent and/or solid soffit.
4. Fan Fold Insulation
 - a. 3/8 “Foil/Craft Fan Fold

Accessories

1. Provide coordinating accessories for complete and proper installation whether specified or not.
2. Schedule of accessories:
 - a. Starter strip, aluminum
 - b. Corner posts- Matching siding color.
 - c. Under sill
 - d. F-channel
 - e. J-channel
 - f. Light blocks

- g. Sill cock / split blocks
- h. Dryer vent,
- i. Range hood exhaust vent
- j. 3 ¼" vinyl casing

Fasteners

1. Provide 1 ¾" minimum galvanized or corrosion resistant nail as recommended by manufacturer of siding products for the installation of the siding, soffit and ceiling material.
2. Provide 1" – 1 ¼" color coated nails to match aluminum coil stock.

Caulking

1. Provide 100 % silicone based caulking material. Caulking material shall be color matched to the material where being applied.

AC Unit

1. Remove and dispose of existing through the wall air condition unit.
2. Frame in opening and install plywood over from the exterior.
3. Insulate air condition opening from the interior and install ½" drywall as needed.
4. Tape and compound new drywall three coats to finish. Owner will paint.

Installation

1. Remove and dispose of existing wood shakes, soffit material and gable vents.
2. Provide and install anti air infiltration barrier such as Ty-Vek or approved equal on wall of house only. Garage not included.
3. Provide and install materials as specified above. All materials shall be installed in accordance to the installation instruction of the manufacturer.
4. Provide and install 3/8" foil/craft fan fold insulation on all areas to be sided. Cut underlayment tight to openings.
5. Provide and install new 3 ¼" wide white vinyl casings and white J-channels on sides, top and bottom of all windows and sides and top of all doors.

6. All components shall be installed true, plumb and square, in accordance to customary trade practices. Fasten siding panels by placing nail centered in nailing slot. Fasten siding every 16" on center. Drive nails straight leaving space between head of the nail and the panel to allow for expansion and contraction. Allow spacing at both ends of the panels and trim for expansion and contraction
7. Any item(s) that can be removed and remounted on new siding shall be removed and remounted. Any item(s) which cannot be removed shall be equipped with a split light block, such as water spigots. The siding contractor shall review the items with the Consultant that can and cannot be removed and remounted prior to commencing work.
8. Replace dryer vents and range exhaust vent with new. Splice new siding around electrical conduit penetrating building.
9. Install white triple 4 soffit materials on all eaves, soffits and carport ceiling. Soffit panels on eaves shall be triple 4" center vented; all other soffit panels shall be triple 4" solid soffit material.

Aluminum Cladding

1. Install PVC clad aluminum coil stock over the following items including but not limited to, all exterior door and window casings, rakes, fascia's, returns, trims, posts, and headers.
2. Coil stock shall be formed and fashioned to follow existing design and contour of material being covered.
3. Where any piece of coil stock is wider than 8" create a false bend to minimize cupping.
4. Fasten coil stock with color matching aluminum nails.

Cleaning

1. The contractor shall clean up the job site on a daily basis. All nails, screws, metal and vinyl scraps shall be raked, or swept from sidewalks and grass areas.
2. Upon completion of work the Contractor shall wipe clean the siding material of all finger prints smudges or other markings.

Cost \$ _____

WINDOWS

General

The Contractor shall provide all labor, material, equipment, and tools necessary to remove existing windows and install new vinyl replacement windows as follows. Contractor will be responsible for verifying all measurements and ordering new windows and all related materials.

Intent

1. The intent of the proposed work is to remove and dispose of the existing windows through-out the house and in the basement. Contractor shall replace any rotted wood frames, jambs or sills.
2. Install new construction windows

Manufacturers

1. Harvey Building Products Waltham, MA 1-800-598-5400 www.harveyind.com or approved equal.
2. Mercury Excelum East Windsor, CT 1-800-292-1802 www.mercuryexcelum.com or approved equal.

Quality Assurance

1. Manufacturer Qualifications: Minimum ten (10) years producing vinyl (PVC) windows.
2. Source Limitations: Obtain window units from one manufacturer through a single source.
3. Provide window units independently tested and found to be in compliance with ANSI/AAMA/NWDA 101/I.S.2-97 and current A440-05 performance standards listed above.
4. Specified fenestration with the following characteristics;

U-Factor: Less than or equal to 0.30
Solar Heat Gain Coefficient: Less than or equal to 0.3
5. Code Compliance: Provide windows that are labeled in compliance with the jurisdiction having authority over the project.
6. Energy Star Rated- windows shall carry Energy Star Rating.

Vinyl Replacement Window Features

1. Provide and install replacement windows as specified below.
2. Replacement windows shall be as specified regarding size, shape, operation and features.
3. Window frames shall be nominal 0.070 inch (1.8mm) thick polyvinyl chloride (PVC) with miter cut and fusion welded corners. Contoured sash design shall be a nominal 0.070 inch (1.7mm) thickness with fusion welded corners. Color: White.
4. Glazing: Low E, 5/8 inch (22mm) nominal thickness, insulated glass units are silicone glazed with an exterior glazing bead.
5. Sash Balances: Block and tackle, complying with AAMA-902. Balance cords shall be anchored to locking terminal housings when the sash is tilted in.
6. Weather Stripping: In compliance with AAMA 701.2.
7. Screens: Half screen, with extruded aluminum frame and 18 x 16 charcoal finished fiberglass mesh screening.
8. Grill work: Match existing grill work.

Installation

1. Provide and install 18 vinyl double-hung replacement windows and 2 picture windows in existing openings through-out the house.
2. Provide and install 3 hopper style windows in basement.
3. Replacement windows shall match existing style and configuration as to size and function, with white solid vinyl frames, equal to, Mercury Excelum, or Harvey. Windows shall have welded frames and sashes. Contractor shall verify all measurements in the field.
4. Windows are to be equipped with insulating glass, tilt-in sashes, cam and sash locks and half height insect screens.
5. Windows shall have Energy Star rating as certified by manufacturer.
6. Remove dispose of storm windows as applicable.
7. Replace any rotted or damaged window sills, frames and brick mold before installing aluminum cladding.

Richard & Ethel Whitmore
424 Taylor Street
Vernon, CT 06066

Project # 146-50

8. Remove and save interior window stops. Any stops broken during removal will be replaced at no additional cost. If no stops presently exist, provide and install stops equal to Brosco 1288.
9. Remove and dispose of upper and lower sash, sash balances, weights, cords, etc., as applicable. Repair all damaged sills and trim; prepare area to be wrapped with aluminum coil stock.
10. Install replacement window, shim level and square as necessary and fasten with screws provided by manufacturer.
11. Insulate between wooden window jambs and vinyl replacement window using spun fiberglass insulation.
12. Re-install stops and fasten with appropriately sized finish nails. Set heads below surface and fill with wood filler. Caulk around remaining window stops and along sill using Phenoseal silicone caulk or approved equal.
13. Cover any exposed exterior blind stops, sills and casings with pre-finished aluminum coil stock. Fasten coil stock with pre-finished aluminum nails.

Cost \$ _____

DOORS

General

This specification includes all labor, materials, taxes, and permits required to perform the work described below. All work must conform to applicable building codes. Coordinate with the work of all other trades specified elsewhere. Contractor shall verify all measurements in the field.

Intent

1. Replace front storm door.
2. Replace two rear entry storm doors.
3. Replace garage doors.

Storm Doors

1. Remove and dispose of front entry storm door and two rear entrance storm doors.
2. Provide and install aluminum storm doors at both rear entrance locations as manufactured by Gerkin model 902 or Mercury Excelum Tuff-Core Series model 132 with self-storing glass and screen panels.
3. Doors shall be measured to fit existing openings.
4. Doors shall be installed plumb and square so as to fit tightly, operate freely and latch securely.
5. New doors shall be equipped with external expander with soffit vinyl sweep at bottom. All hardware such as push button latch, pneumatic door closer and hurricane chain are required. Glazing to be in accordance with State and Local regulations.

Garage Doors

1. Remove and dispose of existing overhead garage doors and all associated hardware.
2. Provide and install new steel, insulated, garage door such as Clopay Value Plus Series or approved equal. Match existing door dimension, style and configuration.
3. New door to be installed with spring safety cables and have locking capabilities
4. Re-use existing electric door openers if applicable.

Cost \$ _____

PLUMBING

General

This specification includes all labor, materials, taxes and permits required to perform the work described below. All work must conform to applicable building codes. Coordinate with the work of all other trades specified elsewhere.

Intent

1. Replace existing bathtub with new 30" x 60" shower stall.
2. Replace existing toilet in common bathroom.
3. Install sump hole liner and replace sump pump.

Contractors Use of Premises

1. Coordinate use of premises under direction of the Owner.
2. Assume full responsibility for the protection and safekeeping of products under this Contract stored on the site.
3. Move any stored products under Contractors control which interfere with operations of the Owner.

Conditions and Procedures

1. Owner will occupy the remainder of the premises during the entire period of construction for the conduct of their normal operations. Take every precaution to minimize or eliminate the spread of air-borne and traffic-borne dust from demolition and construction work to other areas of the site.
2. Dumpsters or other debris containers shall be placed on the site in such a way as to be isolated from publicly used areas. Area surrounding containers shall be kept free from debris at all times. Containers shall be kept closed when not in use. Containers shall be removed promptly when full.

Shower Stall

1. Remove existing bathtub and tub surround to expose all wall framing in tub area and dispose of from site.
2. Remove and dispose of existing bath tub diverter, tub waste and over flow hardware.
3. Provide and install wood blocking at back wall and both side walls of rough stall framing to prep for installation of grab bars after shower surround installation.

4. Provide and install CareGiver™ ShowerTub™ model 3060 with Series 260 Durawall shower walls as manufactured by EF Mustee & Sons, Inc. Floor to be one piece, molded fiberglass with slip resistant floor surface. Contractor shall determine drain location and piping requirements. Contractor shall set shower/tub base in Portland cement bed to provide stability and strength to base. Install unit in accordance to manufacturers printed installation instructions.
5. Provided and install Symmons Temprol II BP Series, Shower System, Model # BP-56-500-B30-V or approved equal. Finish - chrome.
6. Install unit in accordance to manufacturers printed installation instructions.
7. Controls shall be located between 32" - 48" above finished floor of shower stall.
8. Install new ½ inch moisture resistant drywall to walls above and around new shower stall.
9. Tape and compound drywall with standard three coat method and sand smooth to make ready for paint.
10. Prime and paint new drywall to match existing bathroom color as close as possible.

Grab Bars

1. Provide the following accessories in the new shower stall:
 - a) 1- 24" x 1 ¼" knurled, stainless steel grab bar locate horizontal beneath diverter.
 - b) 1- 42" x 1 ¼" knurled, stainless steel grab bar locate horizontal on long wall.
 - c) 1- 18" x 1 ¼" knurled, stainless steel grab bar locate vertically on back wall.
2. Mount horizontal grab bars between 33" - 36" above finished floor. Mount vertical grab bar with bottom of bar no more than 48" above finished floor.

Toilet

1. Remove and dispose of existing toilet in common bathroom.
2. Provide and install, in existing location, to manufactures specifications, a new toilet such as Kohler model # K-3589 1.6 gallon flush, or approved equal. Color to be white.
3. Provide and install new remodeling wax toilet ring, new flange bolts and new reinforced nylon water supply line.

4. Provide and install new toilet seat equal to Kohler, model K-4660.

Sump Pump

1. Remove and discard of existing sump pump and all related piping.
2. Prep existing sump hole as needed to accept new corrugated sump pump basin.
3. Provide and install new sump basin such-as Hancor Corrugated 18 inch with sealed cover.
4. Cement around basin to seal any openings between basin and surrounding concrete.
5. Provide and install new Flotec Model #FPSC2250A or Ridgid Model #SP-330D sump pump or approved equal.
6. Install new discharge hose, with back-flow preventer, through foundation or rim joist to discharge to exterior.

Cost \$ _____

RADON MITIGATION

General

This specification includes all labor, material, taxes, insurance, permits and equipment necessary to perform the radon mitigation being proposed.

Conditions

1. The Contractor shall include in their bid any and all costs associated with the work being performed.
2. The Contractor shall perform all work in accordance with OSHA, State and Local standards as well as the Radon Mitigation Standards requirements for Worker Health and Safety as applicable.
3. The proposed mitigation system shall be designed as a permanent and integral addition to the building.
4. The contractor shall obtain local building permits for electrical or plumbing work if applicable.
5. All work shall be performed by skilled tradesman trained in their field. Work shall be performed in a workman like manner in accordance to customary trade practices.
6. Any alteration or deviation to the proposal must be addressed through a written change order prior to commencing with the additional work. All change orders must be signed by the Contractor, Owner and Consultant to be valid.

Submittal

1. Prior to entering into a contract the Contractor shall submit technical information on proposed equipment. Information shall include independent test results listing effectiveness of equipment in the reduction of radon. Informational package shall include warranty and patent information on proposed equipment.
2. All mitigation system electrical components shall carry Underwriter Laboratory listing and approval. Contractor shall be responsible to provide UL listing information prior to contract signing.

3. Contractor shall submit a plan detailing location of routing of proposed system(s) prior to contract signing.
4. All submittal are subject to the review and acceptance of the Owner and Town.

Scope of Work

1. Provide and install an active Sub Slab Depressurization System (SSD) to reduce the airborne radon levels to levels below 4 pCi/l.
2. The contractor shall conduct a thorough visual inspection of the building prior to initiating any radon mitigation work.
3. The proposed mitigation system shall be designed as a permanent and integral addition to the building.
4. Where portions of structural framing must be removed to accommodate the radon vent pipes, materials removed shall be no greater than that permitted for plumbing installations as applicable by code. Any penetration of a fire wall or other fire resistance rated wall or floor; penetrations shall be protected in accordance with applicable building, mechanical fire and electrical codes.
5. All joints and connections shall be permanently sealed with adhesives as specified by the manufacturer of the piping. Protect piping from sub-freezing conditions. Vent piping shall be fastened to the structure at least every 6' on horizontal runs. Vertical runs shall be secured either above or below points of penetration through floors, ceilings and roofs, or at least every 8' on runs that do not penetrate floors, ceilings or roofs.
6. Radon vent pipes shall be installed in a configuration that pitched back to the ground beneath the slab. Vent pipes shall no block access to any areas requiring maintenance or inspection.
7. To prevent re-entrainment of radon the discharge points shall be located as stated in the Radon Mitigation Standards section 14.2.8, (1) be above the eve of the roof, (3) be ten feet or more above ground level, (2) be ten feet or more from any window, door or other opening into conditioned space that is less than two feet below the exhaust point, (4) ten feet or more from any adjacent building.
8. Vent fans shall be sized to provide the pressure difference and air flow necessary to achieve the radon reduction goals.
9. Fans shall be installed in the vertical runs to prevent condensation build up. Vents installed on the exterior of buildings shall be rated for outdoor use or installed in a water tight protective housing. Fans shall be mounted in a manner to minimize the transfer of vibration. Fans shall be installed with two removable couplings.

10. The contractor shall remove an adequate amount of material from the area directly below the slab penetration point to achieve optimum pressure field extension.
11. The contractor shall seal all accessible cracks, holes, perimeter drains, and other openings in the foundation walls and slab with compatible caulks or other sealant materials. The opening around the vent pipe at slab penetration shall be sealed as specified above.
12. All electrical wiring shall conform to applicable National, State and Local Electrical Codes and RMS 14.6.1- 14.6.7.
13. All plastic vent pipes shall be made of Schedule 20 PVC, ABS or equivalent. Schedule 40 or equal should be used in garages or other areas subject to physical damage. Fittings shall be of the same manufacturer as the vents pipes. Cleaning solvents and adhesives shall be recommended by the pipe manufacturer.
14. The contractor shall install appropriate monitors and labels on the radon mitigation system. Monitors and labels shall be in accordance to RMS 16.1-16.5.
15. The contractor shall perform back draft testing in buildings containing natural draft combustion appliances. Any back-drafting condition that results from the installation of the radon mitigation system shall be corrected.
16. Contractor shall perform post mitigation testing to determine the levels of radon present upon completion of the installation of the mitigation system. Testing shall be performed in accordance to the Radon Mitigation Standards. Testing devices shall be sent to an independent accredited laboratory for analysis and reporting. Final payment and acceptance of the mitigation system is contingent upon receipt of the test results proving successful mitigation.
17. Copies of the test results shall be submitted to the Owner and Town as a condition for final payment.
18. The contractor shall provide a close out package to the Owner as require in the RMS section 18.1 - 18.5.

Contractors Notes

Contractor shall list any special conditions or circumstances noted during the pre-bid inspection as a condition to their bid.

Cost \$ _____

ELECTRICAL

General

This specification includes all labor, materials, taxes and permits required to perform the electrical work described below. All work must be performed in compliance with all National, State and Local Electrical Codes.

Intent

1. To replace the existing service cable with new.
2. Install new breaker panel and breakers.
3. Split circuits as needed.
4. Install new smoke/CO detectors.

Service Cable & Breaker Panel

1. Remove existing service cable and install new.
2. Remove and dispose of existing service panel, meter and meter box.
3. Provide and install new 100 amp meter can with bypass. Install new meter can securely mount to house in existing location.
4. Install new aluminum entrance cable enclosed in 2" conduit with weather head and drip loop. Fasten conduit securely to the house.
5. Provide new 100 amp service panel with 24 breaker capacity and main breaker disconnect. New breakers shall be as manufactured by G.E. or approved equal. Panel and breakers shall be of the same manufacturer.
6. Provide and install supplemental ground with two 5/8" diameter rods. Bond water meter.
7. Split circuits as necessary to meet National, State and Local Electrical Codes.
8. Label circuits clearly and permanently.

Richard & Ethel Whitmore
424 Taylor Street
Vernon, CT 06066

Project # 146-50

Outlets / GFCI

1. Convert two existing outlets over kitchen sink counter to GFCI outlets as required by code.
2. Convert outlet over common bathroom sink to GFCI as required by code

Smoke / CO Detectors

1. Provide and install FIRST ALERT ONELINK model: SCO501CN-3ST wireless interconnected combination smoke and C.O. detectors, on each level of house.
2. Provide and install FIRST ALERT ONELINK wireless interconnected smoke in each bedroom.

Cost \$ _____

Richard & Ethel Whitmore
424 Taylor Street
Vernon, CT 06066

Project # 146-50

COST SUMMARY SHEET

VINYL SIDING Cost \$ _____

WINDOWS Cost \$ _____

DOORS Cost \$ _____

PLUMBING Cost \$ _____

RADON MITIGATION Cost \$ _____

ELECTRICAL Cost \$ _____

TOTAL PROJECT COST \$ _____

PROPERTY OWNER VERIFICATION

I, the undersigned Owner(s) acknowledge that I have fully read and understand the attached project specifications. I understand this to be the scope of work and the extent of the renovations to be performed at the property location shown below.

**424 Taylor Street
Vernon, CT 06066**

I understand that any revisions to these specifications changing the scope of work can be made only for unforeseen circumstances. This is for my protection and for providing a clear understanding to the contractor who will provide a quote for the proposed work.

Owner Richard Whitmore Date 5-23-14
Richard Whitmore

Owner Ethel Whitmore Date 5/23/14
Ethel Whitmore

I, the undersigned Contractor agree to provide all labor, material, permits, taxes, insurance, equipment and related fees, necessary to complete the work as specified above for the property located at:

424 Taylor Street
Vernon, CT 06066

All work will be performed in accordance to applicable Building and Fire Code(s).

Small, Minority, Women-Owned Business Concern Representation

The bidder represents and certifies as part of its bid/ offer that it –

(a) is, is not a small business concern. "Small business concern," as used in this provision, means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding, and qualified as a small business under the criteria and size standards in 13 CFR 121.

(b) is, is not a women-owned business. "Women-owned business enterprise," as used in this provision, means a business that is at least 51 percent owned by a woman or women who are U.S. citizens and who also control and operate the business.

(c) is, is not a minority business enterprise. "Minority business enterprise," as used in this provision, means a business which is at least 51 percent owned or controlled by one or more minority group members or, in the case of a publicly owned business, at least 51 percent of its voting stock is owned by one or more minority group members, and whose management and daily operations are controlled by one or more such individuals. For the purpose of this definition, minority group members are (check the blocks applicable to you):

- | | | |
|---|--|---|
| <input type="checkbox"/> Black Americans | <input type="checkbox"/> Asian Pacific Americans | <input type="checkbox"/> Hispanic Americans |
| <input type="checkbox"/> Asian Indian Americans | <input type="checkbox"/> Native Americans | <input type="checkbox"/> Hasidic Jewish Americans |

(d) is, is not a bonafide Section 3 Company. "Section 3 company," as used in this provision, means that it meets the following definition:

1. 51% or more of the ownership of this company is owned by Section 3 residents, as defined by HUD.
2. Currently, at least 30% of the employees of the company are Section 3 residents, as defined by HUD.
3. At least 30% of the employees of the company were Section 3 residents, as defined by HUD, within three years of the date of first employment with this company.
4. I commit to subcontract at least 25% of the total value of this contract to Section 3 subcontractors, as these companies are defined above, and to provide the necessary evidence to substantiate this, prior to the award of contract.

Company Name: _____

Address: _____

Phone: _____ Fax: _____ Email: _____

FEIN or SSAN#: _____ Contractor License # _____ Exp. Date: _____

Date: _____ Print Name: _____

Signature: _____

Total Bid Amount: \$ _____

Amount Written: _____

(This information must be submitted in order to have your bid considered responsive)