

INSTRUCTIONS TO BIDDERS

Mail or deliver this entire completed bid package in a sealed envelope to be received no later than 2:00 P.M. on January 24, 2020

TO: Town of Watertown
Town Manager's Office
424 Main Street
Watertown, CT 06795

To be noted on the outside of the envelope:

DO NOT OPEN UNTIL 2:00 P.M. on January 24, 2020

Project # 153-PI-03
Frank Stoto
811 Cheyenne Road
Watertown, CT 06795

Mandatory pre-bid conference
9:00 AM on January 10, 2020

811 Cheyenne Road
Watertown, CT 06795

All interested contractors are required to attend.

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/ SSE/ MBE & SECTION 3 DESIGNATED BUSINESSES
ARE ENCOURAGED TO APPLY

GENERAL CONDITIONS

OWNER: Frank Stoto
ADDRESS: 811 Cheyenne Road
Watertown, CT 06795

PROJECT: 153-PI-03

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 performed in accordance to all applicable State Building codes. 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. Contractor shall provide a copy of the permit to the Owner & Program Manager.
3. The Contractor certifies that he has familiarized himself with the requirements of the specifications and understands the extent and nature of the work to be performed. That he has inspected the premises and given full attention to all areas with which he might become specifically involved and has familiarize himself with all conditions relating to and affecting his work and his bid.
4. The selected Contractor must, prior to contract signing, supply the Town and the Owner & Program Manager with the original certificates of insurance for general liability, auto liability, and worker's compensation, as applicable. General liability insurance shall be 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. Auto Liability insurance shall cover hired and non-hired autos in accordance with State law. Workers' Compensation Insurance shall have a minimum limit of one hundred thousand (\$100,000.00) dollars for each accident. The Contractor shall indemnify and save harmless the Owner and the Town under these policies. The contractor shall name the Owner, the Town and It's Agents as additional insured as their interests may appear on the General Liability Insurance.
5. The Contractor agrees that all services offered by the Municipality through A&E Services Group, LLC. (hereinafter referred to as the "Program Manager"), which may affect the Contracto,r are offered by the Municipality in to facilitate 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 Project Manage,r 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 Project Manager which shall arise out of or result from Project Manager 's performance in good faith of services pursuant to the Professional Services Contract. The Contractor agrees that the Project Manager 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 reinstall any accessories taken down during the course of performing the work. 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 Manager.
12. The Owner may cancel this contract by TBD 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, otherwise 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 TBD 2020 and complete the work by TBD 2020.

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 dispute resolution 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.

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 or email 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:

15. 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 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.
16. 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.
17. The Contractor may request a maximum of one (1) progress payments as work is completed in accordance with the attached specifications. The request shall be in the form of an itemized bill for that portion of work completed by the Contractor. All requests for payment shall be accompanied by a fully executed Lien Waiver, 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.
18. All claims or disputes between the Owner and Contractor arising out of or related to the work shall be resolved by the Program Manager, Town Representative and Local Code Official. 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.

19. 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.
20. 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.
21. The premises herein shall be occupied during the construction work.
22. No officer, employee or member of the Governing Body of the Municipality shall have any financial interest, direct or indirect, in this contract or the proceeds of this loan.
23. The Owner and/or Municipality 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 Municipality.
24. 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.
25. 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.
26. All bids shall remain in effect for forty five (45) calendar days.

27. 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.

28. 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.

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.

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.

29. The specifications are complimentary. The Contractor is responsible for estimating all work described in the specifications. 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. Working hours are Monday - Friday, 7:00 AM - 5:00 PM unless otherwise agreed to by the Owner.
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 occupant(s) 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 or physical damage during construction.
7. The Contractor shall be responsible for any damage caused to the building and or contents caused by lack of said protection to the dwelling or contents until completion of the contract at no additional cost to the Owner.
8. The Contactor will be responsible for the movement of the owner's furnishings as required to facilitate the proposed work The Owner is responsible for the movement and safe keeping of valuable personal items.
9. 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 *Ovmer*.
10. Plants, shrubs, and lawn areas are to be protected from damage and debris. Repair and/ or replacement of all damage to existing landscaping shall be done at no additional cost to the Ovvner.

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Project Meetings

1. The selected Contractor shall attend a contract signing and pre-construction meeting as scheduled by the Owner and Project Manager.
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 Project Manager 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. The Contractor shall notify the Owner and Project Manager, within 24 hours of discovery, in the event unforeseen circumstances. If the work is deemed additional or extra by the Project Manager then a change order will be negotiated, executed and authorized by the Contractor, Owner and Project Manager prior to the commencement of the work. Any work performed prior to the execution of a change order 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 removal of job-related debris and lawful disposal of said debris.
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.
4. The Owner shall not place anything in the dumpster without prior approval from the Contractor.

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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 Project Manager may reject materials and products which do not bear identification satisfactory to the Owner or Project Manager

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. Material submittals.
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.
 - d. TCLP test results.
 - e. Clearance report.

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

J/We, (FIRM NAME), hereby warrant, and guarantee workmanship on labor for the renovations performed at: 811 Cheyenne Road, Watertown, CT 06795, as per contract signed on TBD for a period of ONE (1) YEAR from the date of the Certificate of Completion.

Signed

Dated

End of Section

ROOFING

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 intention of this section of the specification includes but not limited to the following:

1. Remove and dispose of all roofing materials and sheathing on house except for completed section, rear upper left section.
2. Sister in 2x8 rafters on every existing rafter.
3. Install 2x6 scissor joists cathedral section of roof.
4. Install ½" **OSB** roof sheathing.
5. Install architectural, 240 lb/sq rated strip type, asphalt/fiberglass roofing shingles with including but not limited to metal rake and drip edging, leak barrier, shingle underlayment, ridge vents, plumbing boots, and flashings.
6. Install 2'x6" fascia and construct new soffit and venting.

References

1. ASTM D 224 - Standard Specifications for Smooth Surfaces Asphalt Roll Roofing
2. ASTM D226 - Standard Specifications for Asphalt Saturated Organic Felt used in Roofing & Waterproofing
3. ASTM D 3018 - Standard Specification for Class A Shingles Surfaced with Mineral Granules.
4. ASTM 3161 - Standard Test Method for Wind Resistance of Asphalt Shingles (Fan Induced Method)
5. ASTM 3462 - Standard Specification for Asphalt Shingles Made from Glass felt and Surfaced with Mineral Granules.
6. ASTM 4586 - Standard Specification for Asphalt Roof Cement, Asbestos Free
7. ASTM D4869 - Standard Specification for Asphalt - Saturated Organic Felt Shingle Underlayment used in roofing.
8. ASTM D 6757 - Standard Specifications for Inorganic Underlayment for Use with Steep Slope Roofing
9. ASTM E 108 - Standard Test Methods for Fire Tests of Roof Coverings.

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Roofing Materials

1. Seam Tape - As manufactured by 3M, Scotch or approved equal.
2. Leak Barrier - CertainTeed Diamond Deck, GAF Weather Watch, Grace of Harvey Titanium mineral surfaced leak barrier or approved equal. Material shall conform to the requirements of ASTM D 1970. Thickness to be min. 40 mils. Tensile strength MD (lb/in) minimum 25.
3. Underlayment - CertainTeed Roofer's Select, GAF Shingle Mate or approved equal.
4. Drip Edge - White aluminum drip on all rakes and eaves. Drip edge shall be F8.
5. Starter Shingles shall be manufactured by the shingle manufacturer.
6. Roof Shingles - shall be CertainTeed Landmark, GAF Timberline Shingles, TAMKO Heritage laminated asphalt shingles or approved equal. Shingles shall carry Underwriter's Laboratories labels, UL® 790 Class A Fire Resistance, UL® 997, Wind Resistance and ASTM D3462. Shingles shall be Class A, strip type, self-sealing
7. Hip and ridge shingles shall be as manufactured by the roofing shingles used.
8. Fasteners - Aluminum or galvanized sharp pointed conventional roofing nails with smooth shanks, minimum 3/8" diameter head and of sufficient length to penetrate 3/4" into solid decking or penetrate through plywood sheathing. Provide 6 nails per full shingle. Staples are not acceptable.
9. Roof boots/ Flashing Vents - EPDM rubber-aluminum boots.
10. Flashing cement - trowel grade non-asbestos mineral-fibered roofing mastic ASTM D-2822 Type 1 and ASTM D-4586 Type 1, equivalent to Karnak.

Demolition & Shingle Removal

1. Remove and legally dispose of existing shingles, sheathing and roofing materials including but not limited to, roof boards, shingles, plumbing boots, flashing materials, rake and drip edge, and fasteners from all roof sections of the house except for completed area, rear upper left section.

Rafter Installation

1. Install 2x8 Douglas Fir rafters along existing rafters.
2. Plum cut rafter tails and construct soffit.
3. Install 2x6 scissor joists on cathedral section of roof.
4. Install 2x6 Douglas Fir fascia on new rafters.

Sheathing Installation

1. Install ½" OSB board on new roof framing. Stagger sheathing butt joints a minimum of 32"
2. Fasten as per code requirement.
3. Install seam tape on all seams.
4. Provide photographic evidence of seam tape to owner & program manager.

Leak Barrier Installation

1. Install leak barrier a minimum of 24" beyond the face of the heated space, however no less than two courses along all eaves of house.
2. Extend leak barrier on to fascia board and cover with drip edge.
3. Install (18") eighteen-inch-wide strip of ice & water barrier along the rakes and any roof penetrations including but not limited to vent, hoods and plumbing stacks.
4. Contractor is responsible to provide photographic documentation of above stated requirements to the Program Manager or schedule with Program Manager visual inspection as condition of payment.

Preparation of Roof Deck

1. Install new metal rake and drip edge on all rakes and eaves. Fasten new metal edging every 8" on center using approved fasteners.
2. Install roofing underlayment over all roof decks to receive new roofing. Lap each course a minimum of 6" over lower course, and side lapping 4" at all joints.
3. Install roofing underlayment on carport and auxiliary building. No leak barrier required.

Shingle Roofing

1. Install shingles per manufacturer's written instructions.
2. Install starter course along eaves and rakes as per manufacturer's written instructions.
3. Apply six nails per full shingle. Fasten shingles at or below nailing line. Maintain six-inch (6") clearance from butt end of proceeding course with any fasteners. Install shingles to meet appropriate wind zone requirements per the building code.

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Roof Boots

1. Install EPDM rubber-aluminum roof boots on all plumbing vent pipes as required. Boot shall have soft rubber gasket and be sized to fit existing pipe.

Ridge Vent

1. Cut through roof sheathing parallel with ridge down approximately 1" on either side of ridge board.
2. Provide and install Cobra-Roll Vent or approved equal. Install ridge vent in accordance with manufacturer's installation instructions.
3. Provide and install Hip & Ridge Cap shingles of same color and manufacturer as shingles used on roof. Fasten with appropriately sized galvanized roofing nails.

End of Section

Cost\$ _ _ _ _ _

GUTTERS

General

1. 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 intention of this section of the specification includes but not limited to the following.

1. Provide and install new seamless aluminum gutters on all eaves of house. Install downspouts and leaders in same locations as directed.
2. Install aluminum gutter screens.

Installation

1. Provide and install new white aluminum seamless gutters on all eaves on house.
2. Fasten gutters with concealed brackets and non-corrosive screws as applicable. Fasten gutters maximum 32" O.C.
3. Gutter shall have a minimum wall thickness of .032. Gutters shall be pitched towards downspouts.
4. Install downspouts and leader pipes. Contractor shall duplicate downspout locations. Leader shall have a minimum wall thickness of .019. Leader pipe shall be fastened to the building every 8' using concealed brackets. Confirm locations of downspouts with Owner and Project Manager.
5. Install elbow to transport water away from building or connect to sub surface drainage if applicable.
6. Color of gutters and leaders to be white.
7. Install 4' x 5" mill finish aluminum gutter screens in new gutters.

End of Section

Cost\$ _____

DOORS

General

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

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

1. Replace front entry door and storm.
2. Replace back entry door and storm.

Exterior Doors Manufacturer

- a. Therma-Tru Doors: 1-800-843-7628 www.thermatru.com
- b. Norandex, 1-800 528-0942 www.norandex.com
- c. Steves & Sons 1-800-617-8586 www.stevesdoors.com

Fiberglass Door Quality Standards

1. Door - Doors shall be 1 ¾" thick, pre-hung, in swing, smooth fiberglass doors, with 1/16" minimum thickness face panels.
2. Door Edges - Doors edges shall be machinable kiln dried pine and primed. Door bottom edge shall be moisture and decay resistant composite.
3. Lock Area - Lock area shall be reinforced with solid blocking for lockset. Doors shall be bored for 2 ¾" backset for locksets.
4. Door Core - Door core shall be CFC-free foamed in place polyurethane with density rate of 2.0 pcf minimum, K-factor of 0.15 for minimum thermal resistance.
5. Glazing - Factory glazed with two (2) panes of 1/8" minimum, tempered, glass with 3/8" - 1/2" airspace.
6. Frames- frames shall be milled from 5/4" kiln-dried pine, profiled with 1/2" stop. Jamb depth shall be as required individual application. Exterior brickmould shall be WM180 pattern.
7. Sills - Standard Unit doors shall have Mill Finish, Composite Adjustable Sill, with light wood cap.
8. Hinges - Hinges shall be 4" x4" x .098" Self-Aligning, Brushed Nickel finish.

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9. Weather Stripping - Weather stripping shall be foam filled compression weather-stripping, Medium Reach., color Bronze.
10. Sweeps - Standard Unit Doors - Bottom Sweeps shall be Kerf Applied Single - Bulb Bottom Sweep, Color Bronze

Entry Door Installation

1. Remove and dispose of entry doors, storms and all other material which would interfere with the installation of new doors including but not limited to jambs, threshold, casings, and kick plate.
2. Contractor shall inspect condition of rough opening and framing and notify owner and Project Manager of any adverse conditions.
3. Install new doors as shown in the Door Schedule shown below.
4. Install new doors plumb, level and square in rough opening. Shim between jambs and rough opening and fasten with appropriately sized fasteners for rigid installation.
5. Install entry lock and dead bolt such as Schlage Plymouth Series. Locks shall be keyed alike. Owners choice of finish. Defiant locksets are not acceptable.

Door Schedule

<i>Location</i>	<i>EntryDoor</i>	<i>Size</i>	<i>Swin!</i>	<i>Lockset</i>
Front Entry Door	Therma -Tru Smooth Star Kensington Model # S9342 with brushed nickel caning	3-0 x 6-8	RH	Schlage keyed entry & single cylinder deadbolt. All new locks are to be keyed alike.
Rear Entry Door	Therma -Tru Smooth Star Model # S132 with internal blinds	3-0 x 6-8	LH	Schlage keyed entry & single cylinder deadbolt. All new locks are to be keyed alike.
<i>Location</i>	<i>Storm Door</i>	<i>Size</i>	<i>Swin!</i>	<i>Lockset</i>
Front Entry Door	Larson, mid view white with retractable screen	3-0 x 6-8		Standard
Basement Ent ry Door	Larson, mid view white with retractable screen	3-0 x 6-8		Standard

End of Section

Cost\$ _____

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WINDOWS

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 intention of this section of the specification includes but not limited to the following:

1. Install **new construction** vinyl windows as specified in opening as listed below.

Manufacturers

- a. Harvey Building Product. 1-800-598-5400 www.harveyind.com
- b. Mercury Excelum, 1-800-292-1802 www.mercuryexcelum.com
- c. Norandex, 1-800 528-0942 www.norandex.com

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/NWWD A 101/IS.2-97 and current A440-05 performance standards listed above.
4. Specified fenestration with the following characteristics:
 - a. U-Factor: Less than or equal to 0.27
 - b. Solar Heat Gain Coefficient: Less than or equal to 0.5
5. Code Compliance Provide windows that are labeled in compliance with the jurisdiction having authority over the project.
6. Energy Star Rated- windows shall be Energy Star Certified.

Vinyl Window Features

1. Provide and install 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

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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. Weather Stripping: In compliance with AAMA 701.2.
6. Screens: Half screen on double hung and full screen on casement and slider. Screens shall be equipped with extruded aluminum frame and 18 x I6 charcoal finished fiberglass mesh screening.

Locations & Window Type *Replace all widows with new construction vinyl windows.*

A Wall

1. Replace 2- picture windows with mullied, 1/4, 1/2, 1/4, configuration window with 1 stationary unit and 2 casement flankers per window. Frame larger opening down to same rough opening of smaller window.

B Wall From Front/A to Back/C

1. Reframe window in dining room on **B** wall to accept 32"x46" double hung.
2. Replace window in kitchen on **B** wall with slider. Utilize existing rough opening. Approximately size 38"x30".
3. Replace window in laundry area on **B** wall with double hung. Utilize using existing rough opening. Approximate size 26"x40".
4. Replace window in bathroom on **B** wall with double hung. Utilize existing rough opening. Approximate size 23"x38".
5. Replace window in bedroom on **B** wall with double hung. Approximate size 32"x46".

C Wall

1. Replace window in bedroom on **C** wall with double hung. Utilize existing rough opening. Approximate size 32"x46".
2. Replace window in bedroom on **C** wall with double hung. Utilize existing rough opening. Approximate size 32"x46".

D Wall From Front/A to Back/C

1. Reframe window in living room on **D** wall to accept 32"x46" double hung.
2. Reframe window in living room on **D** wall to accept 32"x46" double hung.
3. Reframe window in bedroom on **D** wall to accept 32"x46" double hung.
4. Replace window in bedroom on **D** wall with double hung. Utilize existing rough opening. Approximate size 32"x46".

End of Section

Cost\$_____

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 intention of this section of the specification includes but not limited to the following:

1. Install double 4" clapboard style vinyl siding, vented soffit material and white aluminum coil stock on rakes, fascia and exterior door and window trim.

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 Windload Resistance Test.
14. ASTM E 84 -Standard Test Method for Surface Burning Characteristics of Building

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Materials.

15. ASTM E 119 - Standard Test Methods for Fire Test of Building Construction and Materials.

Manufacturer

1. Siding shall be .044, double 4" siding CertainTeed, Kaykan, Mastic or approved equal.
2. Install one of the following manufacturers of coil stock.
 - a. Alcoa, aluminum coil stock, minimum .019 thickness.
3. Install one of the following manufacturers of soffit.
 - a. Mastic Soffit, Pro-Tech Plus triple 4 center vent.
 - b. CertainTeed / Wolverine Soffit, Universal triple 4 center vent.

Accessories

1. Install the following accessories for complete installation as required.
 - a. Aluminum starter strip
 - b. 3 ½" wide, color matching, corner posts
 - c. Under sill
 - d. J-channel
 - e. Electrical Meter block
 - f. Light block(s)
 - g. Sill cock / split blocks
 - h. Dryer vent

Fasteners

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

Caulking

1. Provide 100 % silicone based caulking material. Color matched

Siding Installation

1. Install anti air infiltration paper such as TyVek or approved equal. Overlap and tape seams.
2. Install 3/8" foil faced board on all walls and tape seams. Cur tight to openings.
3. Install double 4" clapboard style solid vinyl siding. Install all products in accordance to the latest printed installation instruction of the manufacturer.
4. All materials shall be installed true, plumb and level, in accordance to customary trade

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practices. Fasten siding panels to allow for expansion and contraction. Allow spacing at both ends of the panels and trim for expansion and contraction.

5. 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 contractor shall review items with the owner & Program Manager that can't be removed prior to commencing work.
6. Splice new siding around electrical conduit penetrating building.
7. Install white triple 4" center vent soffit panels at soffits.

Aluminum Cladding

1. Install aluminum coil stock over the following items including but not limited to, all exterior door and window casings, rakes, fascia, 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.

End of Section

Cost\$ _ _ _ _ _

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COST SUMMARY PAGE

ROOFING	\$ _____
GUTTERS	\$ _ _ _ _ _
DOORS	\$ _ _ _ _ _
WINDOWS	\$ _____
SIDING	-\$ _ _ _ _ _
TOTAL	-\$ _ _ _ _ _


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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.

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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.

DATE: 6-20-17 OWNER: 
Frank Stoto

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811 Cheyenne Road
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I, the undersigned 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:

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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 J 21.
- (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="radio"/> Black Americans | <input type="radio"/> Asian Pacific Americans | <input checked="" type="radio"/> Hispanic Americans |
| <input type="radio"/> Asian Indian Americans | <input type="radio"/> Native Americans | <input type="radio"/> 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: _____

EIN or _____ Exp. _____

SSN#: _____ Contractor License # _____ Date: _____

Date: _____ Print Name: _____

Signature: _____

Total Bid Amount: \$ _____

Amount Written:

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