

**TOWN OF RIDGEFIELD
Office of the Facilities Director**

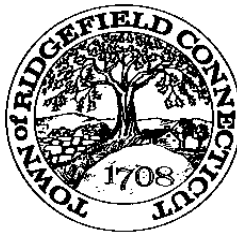
RIDGEFIELD, CONNECTICUT

***Energy Conservation & Building
Maintenance***

***Miscellaneous Exterior Painting Services
Branchville Elementary School
40 Florida Road, Ridgefield CT***

September 2019

DETAILED SPECIFICATIONS:
BIDDING REQUIREMENTS
PROJECT DESCRIPTION



**RUDY MARCONI
FIRST SELECTMAN**

Bid Number 20-08

LEGAL NOTICE

INVITATION to BID

The **Town of Ridgefield** invites all interested parties to submit sealed bids on the following:

BID DUE DATE: September 26, 2019

BID DUE TIME: 11:00 AM

BID ITEM: Miscellaneous Exterior Painting Services,
Branchville Elementary School 40 Florida
Road, Ridgefield CT

BID NUMBER: 20-08

Terms and conditions as well as the description of items being bid are stated in the specifications. **Specifications may be obtained at the following address:**

**Town of Ridgefield
Jacob Muller
400 Main Street
Ridgefield, CT. 06877
203 - 431 - 2720**

The return bid envelope must be marked and addressed to the following:

**TOWN OF RIDGEFIELD
DIRECTOR OF PURCHASING
BID NUMBER: 20-08
400 MAIN STREET
RIDGEFIELD, CT. 06877**

Bids must be received no later than the date and time stated above at the Purchasing Director's office on the second floor. **For further information,** please call **Jacob Muller** at (203) 431-2720 or E-Mail at **purchasing@ridgefieldct.org**

Bid Documents available at www.ridgefieldct.org in the Purchasing section under Departments

Results may be viewed at www.ridgefieldct.org in the Purchasing Section under Departments after the bid opening.

Town of Ridgefield
Office of the Facilities Director
Energy Conservation & Building Maintenance

Branchville Elementary Exterior Fascia Painting Services

Project Scope

The project consists of the painting and repair of the exterior fascia at Branchville Elementary School located at 40 Florida Road. In general, the Contractor shall provide all labor, materials, tools, and equipment necessary to completely prepare, repair (if necessary) and make ready for painting; prime and paint where described at the subject building.

The base price bid on this project shall include payment for, but not be limited to, the following:

1. Power wash the exterior surfaces (areas include the fascia and similar stucco areas surrounding windows) subject to painting, then sand and scrape all loose paint.
2. Apply one coat exterior primer for new stucco surfaces then two coats exterior paint, Benjamin Moore exterior paint or approved equal, over all surfaces including exterior entry doors and overhead doors. Colors are to be determined by the Engineer in the field.
3. The Contractor shall observe all manufacturer's required application temperatures and weather conditions.
4. Contractor to protect all roof areas and grounds against paint and paint products and cleanup as work proceeds.
5. The Contractor shall abide by any and all applicable environmental laws and regulations.
6. The Contractor shall provide sanitary facilities for his workers. The Contractor's employees are prohibited from entering the building except under emergency circumstances.
7. The Contractor's attention is directed to the July 30, 2019 "Limited Lead-Based Paint Screening Report" attached to these specifications.
8. The public shall be protected from the Contractor's painting operations at all times.
9. Site cleanup daily and upon completion.
10. The Contractor shall coordinate his work so as to not interfere with the daily operation of the school. Power washing shall be completed after school hours or on Saturday and/or Sunday. A complete project schedule will be submitted for approval. It is expected the working schedule will require after school hours and weekends on this project.

The unit price on this project shall include payment for, but not be limited to, the following:

1. The Contractor shall complete any carpentry necessary to repair and/or secure any rot, overly weathered, or loose siding materials as determined in the field. The Contractor shall also complete any work necessary to repair any damaged masonry. The Contractor shall supply all materials required to complete the repairs which shall be included with the lump sum price. Galvanized nails and screws shall be used to secure the panels. Portland cement and new concrete blocks shall be used for all masonry repairs.

The Contractor shall obtain all necessary permits and pay all associated fees.

The Contractor is responsible to familiarize himself with all aspects of the existing conditions prior to submitting a bid. By submitting a bid, the Contractor acknowledges that he has visited the site and is aware of the conditions involved in meeting the project's intent. Arrangements for visiting the site may be made by contacting Brian Hubbard, Building Maintainer, at 203-994-0347 during normal business hours.

It is the Contractor's responsibility to determine the exact amount of effort required to meet the project's intent and reflect that effort in his submitted lump sum bid. The Contractor shall submit on his letterhead the total lump sum price for all work described within these specifications broken down for each building. The contract award will be based on the lowest total lump sum bid.

The Town reserves the right to eliminate any item, quantity, or portion of the work that it deems to be in the best interest of the Town.

Any inconsistencies shall be reported to the Town Engineer. The Town Engineer shall make the final decision on any inconsistencies and their intent.

The Contractor shall submit with his bid the following information:

- (a) Insurance certificates
- (b) Hold Harmless Agreement
- (c) Contractor's Qualification Statement
- (d) Contractor's List of Subcontractors
- (e) Signed bid proposal on the Contractor's letterhead listing total bid sum broken down for each building.
- (f) Project Schedule

TOWN OF RIDGEFIELD CONNECTICUT

BOARD OF SELECTMEN

INSTRUCTIONS TO BIDDERS

1. Submit proposals in a sealed envelope plainly marked with bid number to identify this particular proposal.
2. Withdrawals of or amendments to bids received later than the time and date specified for bid opening will not be considered.
3. The Board of Selectmen of the Town of Ridgefield reserves the right to accept or reject any or all options, bids or proposals; to waive any technicality in any bid or part thereof, and to accept any bid deemed to be in the best interest of the Town of Ridgefield, Connecticut.
4. Bidders may be present at the opening of bids.
5. Bids may be held by the Town of Ridgefield for a period not to exceed sixty (60) days from the opening of bids for the purpose of reviewing the bids and investigating the qualifications of bidders prior to the awarding of the contract.
6. Insurance requirements, if any, must be submitted with the bid. This includes any Hold Harmless requirements as well as Certificates of Insurance for the full amounts specified. **Unauthorized changes** to these forms, i.e. adding, striking out and/or changing any words, language or limits **will cause the bidder to be disqualified**.

Please Note: Certificates of Insurance, if required, MUST name the Town of Ridgefield as **Additional Insured**. Failure to do so will mean disqualification from the Bid. There will no exceptions.

7. **Permits:** It is the Contractor's responsibility to obtain any necessary permits prior to the start of construction. All work shall be completed in compliance with the latest edition of the prevailing fire prevention and building codes in effect in the State of Connecticut, the latest edition of the State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges and Incidental Construction, Town of

Ridgefield Road Construction Standards, or as set forth in these specifications.

8. **Emergency Work:** The Contractor shall file with the Engineer a telephone number of a person authorized by him who may be contacted regarding emergency work at the job site that may be required during non-working hours for reasons of public safety. The person shall be readily available and have full authority to deal with any emergency that may occur.
9. **Sales Tax:** In accordance with the provisions of Special Act No. 77-98, as amended, and Section 12-412(a) of the Connecticut General Statutes, sales of tangible personal property and services to the Town are not subject to the Connecticut Sales and Use Tax, and such tax shall not be included as part of the bid.
12. **Contractor's Qualification Statement:** The Contractor's Qualification Statement must be filled out as part of the bid package and the experience and references listed therein will be one to the determining factors in the awarding of the bid.
13. **Hold Harmless Agreement:** In order for the bid to be considered valid, the Contractor **must** sign the enclosed hold harmless agreement. Bids submitted without the signed hold harmless agreement will be rejected.
14. **Prevailing Wage Rates:** This project **is not** subject to the State of Connecticut's prevailing wage rates.
15. **SBE/MBE and Contract Compliance Requirements:** This project **is not** subject to the State of Connecticut SBE/MBE set aside and contract compliance requirements.
16. **Time of Completion:** All work must be completed within **45 days** weather dependent from receipt of the notice to proceed
17. **Bonds:** Payment and Performance bonds are not required for this bid.
18. **Bid Bond:** A Bid Bond is not required for this bid.
19. **Project Location:** The project is located on Town of Ridgefield property at 40 Florida Road, Ridgefield, Connecticut.
20. Questions regarding bid procedures should be directed to Jacob Muller, Director of Purchasing at 203-431-2720.
21. **Bid Submissions:** The following items shall be submitted for a bid to be considered complete:

- (a) Insurance certificates
- (b) Hold Harmless Agreement
- (c) Contractor's Qualification Statement
- (d) Contractor's List of Subcontractors
- (e) Signed bid proposal on the Contractor's letterhead listing total bid sum broken down for each building.
- (f) Project Schedule

Supplemental Information for Bidders and General Contract Provisions

1. PREPARATION OF PROPOSALS

Proposals must be made upon forms contained herein or as directed elsewhere. The blank spaces in the Proposal must be filled in correctly where indicated. The Bidder must state the prices for which he proposes to do each item of the work contemplated. In case of discrepancy where both words and the numerals are requested, the words shall govern. Ditto marks are not considered writing or printing and shall not be used. The Bidder shall sign his Proposal correctly. If the Proposal is made by an individual, his name, post office addresses and telephone number must be shown. If made by a firm, partnership, or corporation, the Proposal must be signed by an official of the firm, partnership, or corporation authorized to sign contracts, and must show the post office address and telephone number of the firm, partnership, or corporation. Failure to do so may disqualify the bid.

Each bid must be submitted in a sealed envelope bearing on the outside the name of the Bidder, post office address, bid number, and name of the project for which the bid is submitted. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed to: The Director of Purchasing, Town Hall, 400 Main Street, Ridgefield, CT 06877.

All information shall be entered in ink or by typewriter. Mistakes may be crossed out and corrections inserted before submission of your bid. The person signing the bid shall initial corrections in ink.

Corrections and/or modifications received after the closing time specified will not be accepted.

2. SUBMISSION OF PROPOSALS

Descriptive literature containing complete specifications must accompany each bid. If a bidder wishes to furnish additional information, more sheets may be added.

3. INCURRING COSTS

The Town of Ridgefield is not liable for any cost incurred for the preparation of proposals or submission of samples by the firms submitting proposals for the work requested in this bid document or request for proposals.

4. FAMILIARITY WITH THE WORK

Each bidder is considered to have examined the work to fully acquaint him with the exact existing conditions relating to the work and has fully informed himself as to the work involved and the difficulties and restrictions attending the performance of this bid. The submission of a bid will be considered as conclusive evidence that the bidder has made such examination.

5. CONSIDERATION OF PRIOR SERVICE

Previous performance, quality of service and merchandise will be considered.

6. ADDENDA AND INTERPRETATIONS & ALTERNATE PROPOSALS

At the time of the opening of bids each bidder will be presumed to have inspected the work and to have read and to be thoroughly familiar with all of the Contract Documents (including all addenda). The failure or omission of any bidder to receive or examine any form, instruction or document shall in no way relieve any bidder from any obligation in respect to his bid.

If any person contemplating submitting a proposal is in doubt as to the true meaning of any part of these specifications, he may submit a written request for an interpretation to the Purchasing Director. No interpretations as to the meaning of the plans, specifications or other Contract Documents will be made to any bidder orally. Every request for such interpretation should be in writing addressed to the Town of Ridgefield, Director of Purchasing, 400 Main Street, Ridgefield, Connecticut 06877, and to be given consideration, must be received at least five (5) days prior to the date fixed for the opening of Bids. Any and all such interpretations and any supplementary instructions will be in the form of written Addenda to the Specifications which, if issued, will be mailed by Registered Mail with Return Receipt Requested to all prospective bidders at the respective addresses furnished for such purposes, not later than three (3) days prior to the date fixed for the opening of bids. Failure of any bidder to receive any such Addendum or interpretations shall not relieve any bidder from any obligations under his bid as submitted. All Addenda so issued shall become part of the Contract Documents. Oral explanations will not be binding on the Town.

The specifications listed are to be interpreted as meaning the minimum acceptable by the Town of Ridgefield. Bidders are requested to submit quotations on the basis of these specifications. Alternative bids providing a broader scope and/or services than requested in these specifications may receive consideration providing such equipment and/or service is clearly explained. Any exceptions to the specifications requested herein must be clearly noted in writing and are to be included as a part of your bid proposal. If none are included it will be assumed that there are none.

Definition of the word "complete" means that each unit of the equipment proposed shall include all appurtenances, fasteners, parts, accessories, and services ordinarily catalogued.

An item equal to that named or described in the specifications may be furnished by the Bidder, except where expressly noted as "no substitutions." The naming of any commercial name, trademark, or other identification shall not be construed to exclude any item of any manufacturer not mentioned by name, nor limit competition, but shall establish a standard of equality only. An item shall be considered equal to the item so

named or described if:

- a. It is at least equal in quality, durability, appearance, strength and design.
- b. It will perform at least equally the function imposed by the design for the work being contracted for or the material being purchased.
- c. It conforms substantially, even with deviations, to the detailed requirements for the item in the specifications.

The Bidder shall hold the Town of Ridgefield, its officers, agents, servants, and employees, harmless from liability of any nature or kind because of use of any copyrighted or uncopyrighted compositions, secret process, patented or unpatented inventions, articles or appliances furnished or used under this bid, and agrees to defend, at his own expense, any and all actions brought against the Town of Ridgefield or himself because of the unauthorized use of such articles.

7. QUOTATION LIMITATION

Bidders shall offer only **ONE ITEM AND PRICE** for each line item bid. If an or-equal item is to be bid, the bidder is to select the brand and model that meets or exceeds the specified item, and submit his bid for that item.

8. ESTIMATE OF WORK

For bidding purposes, the work has been subdivided into unit price items. The quantities shown are to be considered as approximate only. The Purchasing Agent does not expressly or by implication agree that the actual quantity will correspond therewith, but reserves the right to increase or decrease the amount of any item or portion of the work as deemed necessary.

9. SAMPLES

Samples of articles, when required shall be furnished free of cost of any sort to the Town of Ridgefield. Samples received may be retained by the Town for future comparison. Samples which are not destroyed by testing, or which are not retained for future comparison will be returned upon request at the bidder's expense.

10. WITHDRAWAL OF BID

Bidders may withdraw their proposals at any time prior to the bid date. No agent/broker shall withdraw or cancel their proposal for a period of sixty (60) days after the bid closing date. The successful agent/broker shall not withdraw, cancel or modify their proposal.

11. POWER OF ATTORNEY

Attorneys-in-fact who sign contract bonds must file, with each bond, a certified and effectively dated copy of their power of attorney.

12. SUBCONTRACTORS

Each bidder contemplating the use of any subcontractor shall submit a list of subcontractors as listed on the Bid Form. The apparent low bidder shall file with the Town of Ridgefield, within five (5) days after the date of bid opening, a complete list of the names and addresses of competent, responsible and qualified subcontractors who are actually to perform major portions of the work. This in no way restricts or limits the requirement that all subcontractors must be approved by the Town. Subcontractors listed on the Bid Form or those previously approved may not be changed without the approval of the Town of Ridgefield. Local subcontractors, material suppliers, and labor in the Town of Ridgefield should be considered and sought insofar, as is practical in the performance of this project.

13. QUALIFICATION OF BIDDER

In determining the qualifications of a bidder, the Town may consider his record in the performance of any contracts for similar work into which he may have previously entered; and the Town expressly reserves the right to reject the bid of such bidder if such record discloses that such bidder, in the opinion of the Town, has not properly performed such contracts or has habitually, and without just cause, neglected the payment of bills or has otherwise disregarded his obligations to subcontractors, suppliers, state or local codes, men or employees of subcontractors. The Town may make such investigation as he deems necessary to determine the ability of the bidder to perform the work and the bidder shall furnish to the Town all such information and data for this purpose as the Town may request. The Town reserves the right to reject any bid if the evidence submitted by or the investigation of such bidder fails to satisfy the Town that such bidder is properly qualified, or that such bidder misrepresented material facts in the bid documents.

14. DISQUALIFICATION OF BIDDERS

More than one proposal from an individual, firm, partnership, corporation, or an association under the same or different names will not be considered. Reasonable grounds for believing that any Bidder is interested in more than one proposal for the work contemplated will cause the rejection of all proposals in which such Bidder is interested. Any or all proposals in which such Bidder is interested will be rejected if there is reason for believing that collusion exists among the Bidders and all participants in such collusion will not be considered in future proposals for the same work. Proposals in which the prices are obviously unbalanced may be rejected. No Contract will be awarded except to competent Bidders capable of performing the class of work contemplated.

15. DELIVERY

Inasmuch as this work concerns a needed public improvement, the provisions of this bid relating to the time of delivery, performance and completion of the work are of the essence of this bid. Accordingly, the successful bidder shall commence work **upon receipt of the signed Purchase Order** unless the Town shall authorize or direct a further

delay. Time of delivery shall be stated as the number of calendar days following receipt of the Purchase Order by the Bidder to receipt of the goods or services by the Town of Ridgefield. Prices quoted must include delivery to the Town of Ridgefield as specified on the Purchase Order. No charges will be allowed for parking, crating, freight, express or cartage unless specifically stated and included in this bid.

Time of delivery may be considered in the award.

16. PAYMENT

The Town, after inspection and acceptance of workmanship, and in consideration of the faithful performance by the Bidder of all and singular his covenants, promises, and agreements contained herein, agrees to pay the Bidder for the full completion by him of the work embraced in this Contract, within (30) Thirty Days of the receipt of the final invoice. When subcontractors or suppliers are utilized, the successful Bidder for this project shall be required to submit a Mechanics Lien Waiver, acceptable to the Town, with each progress payment and/or at time of final payment prior to any payment being made.

Time, in connection with any discount offered, will be computed from the date of delivery to the Town or from the date a correct invoice is received by the Town's Finance Department, if the latter date is later than the date of delivery. Prices will be considered as **NET**, if no cash or payment discount is shown.

The successful bidder shall submit invoices to the following address:

Town of Ridgefield
Office of the Facilities Director
400 Main Street
Ridgefield, CT 06877

IT IS UNDERSTOOD AND AGREED THAT SHOULD A BID BE ACCEPTED, IT WILL AUTOMATICALLY BECOME THE CONTRACT OR AN ADDENDUM TO ANY CONTRACT AGREED UPON.

Notification of the bid award will be made by issuance of a purchase order. Bidders are to list their bids on the appropriate attached sheets. Bidders may attach a letter of explanation. A clear notification should be made on the standard bid sheets at the appropriate point of explanation that there is a letter of explanation attached. All bids must be NET prices.

The successful bidder shall submit an itemized invoice to the Town of Ridgefield for the work as described herein.

The bidder shall be required to submit a Mechanics Lien Waiver, acceptable to the Town of Ridgefield, with each progress payment and at time of final payment prior to any

payment being made.

At the time of award, the successful bidder shall be required to supply the Town of Ridgefield a Certificate of Good Standing, certifying that the corporation is in fact a valid corporation and presently licensed to conduct business in the State of Connecticut.

17. SALES TAX

Certain materials and supplies incorporated in the work of this project are exempt from Connecticut Sales Tax. The Bidder shall familiarize himself with current regulations of the State Tax Department. The tax on materials or supplies exempted by such regulations shall not be included as part of the bid. The Town will furnish the successful Bidder sales tax exemption authorization.

18. CARE AND PROTECTION OF PROPERTY

The Bidder shall take particular care to avoid damages to all private and public property and to private or public improvements within the Town's right of way. He shall make good any damages to the satisfaction of the Town. There shall be no additional compensation for the repair or restoration of private or public property improvements.

19. COMPLIANCE WITH FEDERAL, STATE AND LOCAL CODES

The Bidder shall be responsible for full compliance with any Federal, State and/or Local codes, laws, regulations and standards, as applicable.

20. AWARD

The Town of Ridgefield reserves the right to accept or reject any bid to best serve its interests, or to hold the bids for sixty (60) days before decision.

The Town reserves the right to reject any and all bids (or any part thereof), to waive defects in proposals, or to accept any proposal deemed to be in its best interest.

Exceptions will be considered to the specification provided, providing they are listed and fully explained on a separate page entitled "EXCEPTIONS TO SPECIFICATIONS"

Each exception will be considered as to its degree of impact and total effect on the bid. The purchaser shall determine which (if any taken) exceptions are acceptable, and this determination shall be final.

The Town of Ridgefield reserves the right:

- a. To award bids received on the basis of individual items, or groups of items, or on the entire list of items.
- b. To reject any or all bids, or any part thereof.

- c. To waive any informality in the bids.
- d. To accept the bid that is in the best interest of the Town of Ridgefield. The Purchasing Agent's decision shall be final.

21. INSURANCE

Insurance requirements are detailed under the attached “Insurance Requirements.”

22. GUARANTEE

The bidder shall unconditionally guarantee for a period of one (1) year, except as specifically noted within these documents, from the date of acceptance, all materials, supplies, equipment, and services; including but not limited to its workmanship, delivery and installation. If within the guarantee period there are any defects or signs of deterioration the bidder shall repair, adjust or replace the item(s) to the complete satisfaction of the Town. These repairs, adjustments, or replacements are at the sole expense of the bidder and shall be made at such times that are agreeable to the Purchasing Agent so that it is least detrimental to instructional programs.

23. PERMITS

When required all licenses and permits for complying with any applicable Federal, State, and Municipal laws, codes, regulations in connection with the prosecution of the work shall be obtained by the Bidder, at no additional cost to the Town.

24. NONDISCRIMINATION IN EMPLOYMENT

The successful bidder shall agree and warrant that, in the performance of this contract, he will not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, sex, religion, or national origin in any manner prohibited by State, Federal, County, or Municipal law. A certification of Non-Segregated Facilities and a Certification Regarding Equal Employment Opportunity shall be considered a part of this contract.

25. MECHANICS LIEN WAIVERS

The successful Bidder shall be required to submit a Mechanics Lien Waiver, acceptable to the Town of Ridgefield, with each progress payment, and/or at time of final payment, prior to any payment made.

PROPOSAL

Proposal of: _____
to furnish and deliver all materials and to do and perform all works in accordance with the Contract Documents for **Miscellaneous Painting Services, Branchville Elementary School**, the plans and specifications prepared by Jacob Muller, Facilities Director, the works being situated within the Town of Ridgefield, Connecticut.

The undersigned bidder has carefully examined the Contract Documents referred to in the "Information for Bidders", and also the site of the work, and will provide all necessary labor, machinery, tools, apparatus, and other means of construction, and do all the work and furnish all material called for by the Contract Documents in the manner prescribed therein and in said Contract, and in accordance with the requirements of the Engineer under them for the following sums:

Estimated Quantities

<u>Item</u>	<u>Estimated Quantity</u>	<u>Computed Total</u>
<u>Base Bid: Branchville Elementary Fascia Painting</u> the lump sum price of:		
_____dollars		
and _____cents		
(\$_____) Lump Sum	LS	\$_____
<u>Grand Total, Base Bid</u>		\$_____

<u>Add Alternate Item 1: Fascia Repairs, Masonry and Carpentry</u> the unit pricing:		
_____dollars		
and _____cents		
(\$_____)	100 SF	\$_____
<u>Total, Item 1</u>		\$_____

The Lump Sum price shown above is for all labor, tools, materials, and equipment necessary to complete all of the improvements shown on the plans or as specified herein.

For purposes of comparison, the computed Grand Total, Base Bid will serve as the basis of comparison of all bids. The computed total is not an official part of this proposal.

The Town reserves the right to eliminate any item or portion of the work that it deems to be in the best interest of the Town.

Any inconsistencies between the plans and specifications shall be reported to the Facilities Director and shall make the final decision on any inconsistencies and their intent.

APPENDIX - INSURANCE REQUIREMENTS

Each bidder shall carry and maintain the following insurance coverage during the period of the contract : The Certificate of Insurance for the Limits of Liability stated below should be submitted with your bid to the Purchasing Department at Town Hall. **Bidders may not perform any work until all insurance requirements are met.**

1. **Comprehensive General Liability Insurance** as will protect him, the Town, and any subcontractor performing work covered by this Contract, from claims for damages for personal injury, including accidental or wrongful death, as well as claims for property damages, which may arise from operations under this Contract whether such operations be by himself or by any subcontractor or by anyone directly or indirectly employed by either of them. Liability insurance shall include premises and operations, products, contractual, owners, and contractors protective. The minimum amounts of such insurance shall be as follows:
 - Bodily Injury Liability and Property Damage Liability:
\$1,000,000 each occurrence.
 - **The Town shall be named as an Additional Insured**
This **MUST** be stated explicitly on the Certificate or you will be **disqualified**
2. **Worker's Compensation Insurance and Employer's Liability** for all of his employees, employed at the site and in case any work is sublet, the Contractor shall require the subcontractor similarly to provide Workmen's Compensation Insurance for all employees of the later unless such employees are covered by the protection afforded by the Contractor.
 - Worker's Compensation and Employer Liability:
Statutory Limits
3. **Comprehensive Auto Liability Insurance:**
 - **Bodily Injury Insurance and Property Damage Insurance** covering the operation of all Motor Vehicles owned, hired and/or non-owned by the Contractor, or used by the Contractor in the Prosecution of the work under the Contract, shall be in the minimum of **\$1,000,000 each occurrence.**

All policies relating to this Contract shall be so written so that the Town shall be notified of cancellation or change at least thirty (30) days prior to the effective date for each policy and type of coverage except for nonpayment which shall be ten (10) days prior to the cancellation. Renewal certificate covering the renewal of all policies expiring during the life of the Contract shall be filed with the Town not less than ten (10) days before the expiration of such policies. Failure to do so will result in work stoppage and possible contract cancellation.

HOLD HARMLESS AGREEMENT

The undersigned covenants and agrees to and shall at all times indemnify, protect and save harmless the Town of Ridgefield from and against all costs or expenses resulting from any and all losses, damages, detriments, claims, demands, cost and charges including attorneys fees the Town of Ridgefield may directly or indirectly suffer, sustain or be subjected to by reason or on account of the work to be performed pursuant to this Contract or any activities in connection with said Contract whether such losses and damages be suffered or sustained by the Town of Ridgefield directly or by its employees, licenses or invitees or be suffered or sustained by other persons or corporations who may seek to hold the Town of Ridgefield liable therefore.

The Contractor shall comply with the Provisions of the Immigration Reform and Control Act of 1986 effective and enforceable as of June 6, 1987 which Act makes unlawful the hiring for employment or subcontracting individuals failing to provide documentation of legal eligibility to work in the United States. The Contractor shall hold the Town of Ridgefield harmless for the failure of the Contractor to comply with the provisions of said Act.

IN WITNESS WHEREOF, the parties hereto have set their hand and seal this on the _____ day of _____

Signed, Seated and Delivered in the
Presence of:

Signed:

Notary Public

FRACKING WASTE ORDANINCE NOTICE

On January 9, 2019, The Town of Ridgefield approved and adopted an Ordinance prohibiting the storage, disposal or use of fracking waste on Town of Ridgefield land and/or projects. The complete Ordinance can be viewed at the Town Clerk's Office located at 400 Main Street, Ridgefield, CT or on the town website at the following link;

<https://ecode360.com/RI2176/laws/LF1067113.pdf#search=fracking>

Bidders shall follow this Ordinance in preparation and submission of their bid.

- 1.) No materials containing natural gas or oil waste shall be utilized in providing and retaining services to construct or maintain publicly owned and/or maintained road or real property with the Town of Ridgefield.
- 2.) No materials containing natural gas or oil waste shall be utilized in the purchase or acquisition of materials to construct or maintain publicly owned and/or maintained road or real property with the Town of Ridgefield.
- 3.) We _____ hereby submit a bid for materials, equipment and/or labor for the Town of Ridgefield. The bid is for bid documents titled _____. We hereby certify under penalty of perjury that no natural gas waste or oil waste will be used by the undersigned bidder or any contractor, sub-contractor, agent or vendor agent in connection with the bid; nor will the undersigned bidder or any sub-contractor, agent or vendor agent thereof apply any natural gas waste or oil waste to any road or real property within the Town of Ridgefield as a result of the submittal of this bid if selected.

4.) The successful bidder shall submit certificates of origin for project materials, fill and other.

Signed and sealed in
the presence of:

Contractor

By _____

Date _____

IN WITNESS WHEREOF, the parties hereto have set their hand and seal this
day on the _____ day of _____

Signed, Seated and Delivered in the
Presence of:

Signed:

Notary Public

CONTRACTOR'S QUALIFICATION STATEMENT

List below references for similar projects, including all information requested. This page must be completed and submitted with the bid.

1. Client: _____

Project Address: _____

Approximate Value: _____ Date: Started _____ Completed _____

Contact: Name _____ Telephone _____

2. Client: _____

Project Address: _____

Approximate Value: _____ Date: Started _____ Completed _____

Contact: Name _____ Telephone _____

3. Client: _____

Project Address: _____

Approximate Value: _____ Date: Started _____ Completed _____

Contact: Name _____ Telephone _____

4. Client: _____

Project Address: _____

Approximate Value: _____ Date: Started _____ Completed _____

Contact: Name _____ Telephone _____

Company: _____ *Bid Title:* _____

Street: _____ *Bid No.:* _____

City, State: _____ *Telephone No.:* _____

CONTRACTOR'S LIST OF SUBCONTRACTORS

List below the subcontractors intended to be utilized for this project. This page must be completed and submitted with the bid.

1. Firm: _____

Firm's Address: _____

Contact: Name _____ Telephone _____

Type of Work to be Performed: _____

2. Firm: _____

Firm's Address: _____

Contact: Name _____ Telephone _____

Type of Work to be Performed: _____

3. Firm: _____

Firm's Address: _____

Contact: Name _____ Telephone _____

Type of Work to be Performed: _____

4. Firm: _____

Firm's Address: _____

Contact: Name _____ Telephone _____

Type of Work to be Performed: _____

Company: _____ Bid Title: _____

Street: _____ Bid No.: _____

City, State: _____ Telephone No.: _____

SECTION 099000 - PAINTING AND COATING

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals:
 - 1. Product Data. Include printout of MPI's "MPI Approved Products List" with product highlighted.
 - 2. Samples.
- B. Mockups: Full-coat finish Sample of each type of coating, color, and substrate, applied where directed.
- C. Extra Materials: Deliver to Owner 1 gal. of each color and type of finish coat paint used on Project, in containers, properly labeled and sealed.

PART 2 - PRODUCTS

2.1 PAINT

- A. Manufacturers: One of the following:
 - 1. Benjamin Moore & Co.
 - 2. California Paints.
 - 3. PPG Architectural Finishes, Inc.
 - 4. Pratt & Lambert.
 - 5. Sherwin-Williams Company (The).
- B. MPI Standards: Provide materials that comply with MPI standards indicated and listed in its "MPI Approved Products List."
 - 1. Exterior Painting Materials:
 - a. Block Filler, Latex: MPI #4.
 - b. Primer, Alkali Resistant, Water Based: MPI #3.
 - c. Primer, Latex: MPI #6.
 - d. Primer, Alkyd: MPI #5.
 - e. Latex, Exterior Flat (Gloss Level 1): MPI #10.
 - f. Latex, Exterior Low Sheen (Gloss Level 3-4): MPI #15.
 - g. Latex, Exterior Semigloss (Gloss Level 5): MPI #11.
 - h. Alkyd, Exterior Flat (Gloss Level 1): MPI #8.
 - i. Alkyd, Exterior, Semigloss (Gloss Level 5): MPI #94.
 - j. Alkyd, Quick Dry, Semigloss (Gloss Level 5): MPI #81.
 - k. Floor Paint, Latex, Low Gloss (Maximum Gloss Level 3): MPI #60.
 - 2. Interior Painting Materials:

- a. Block Filler, Latex: MPI #4.
- b. Primer Sealer, Latex: MPI #50.
- c. Primer, Alkali Resistant, Water Based: MPI #3.
- d. Primer Sealer, Institutional Low Odor/VOC: MPI #149.
- e. Primer, Latex, for Interior Wood: MPI #39.
- f. Primer Sealer, Alkyd, Interior: MPI #45.
- g. Primer, Bonding, Water Based: MPI #17.
- h. Primer, Alkyd, Anticorrosive: MPI #79.
- i. Latex, Interior, Flat, (Gloss Level 1): MPI #53.
- j. Latex, Interior, Semigloss, (Gloss Level 5): MPI #54.
- k. Latex, Institutional Low Odor/VOC, Flat (Gloss Level 1): MPI #143.
- l. Latex, Institutional Low Odor/VOC, Semigloss (Gloss Level 5): MPI #147.
- m. Alkyd, Interior, Flat (Gloss Level 1): MPI #49.
- n. Alkyd, Interior, Semigloss (Gloss Level 5): MPI #47.
- o. Alkyd, Quick Dry, Semigloss (Gloss Level 5): MPI #81.
- p. Floor Paint, Latex, Low Gloss (Maximum Gloss Level 3): MPI #60.

3. Staining and Clear Finishing Materials:

- a. Wood Filler Paste: MPI #91.
- b. Primer, Latex for Exterior Wood: MPI #6.
- c. Preservative, for Exterior Wood: MPI #37.
- d. Alkyd, Sanding Sealer, Clear: MPI #102.
- e. Stain, Exterior, Water Based, Solid Hide: MPI #16.
- f. Stain, for Exterior Wood Decks: MPI #33.
- g. Stain, Semitransparent, for Interior Wood: MPI #90.

C. Material Compatibility: Provide materials that are compatible with one another and with substrates.

1. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated.

D. Use interior paints and coatings that comply with the following limits for VOC content:

1. Flat Paints and Coatings: 50 g/L.
2. Nonflat Paints, Coatings: 150 g/L.
3. Dry-Fog Coatings: 400 g/L.
4. Primers, Sealers, and Undercoaters: 200 g/L.
5. Anticorrosive and Antirust Paints Applied to Ferrous Metals: 250 g/L.
6. Zinc-Rich Industrial Maintenance Primers: 340 g/L.
7. Pretreatment Wash Primers: 420 g/L.
8. Clear Wood Finishes, Varnishes: 350 g/L.
9. Clear Wood Finishes, Lacquers: 550 g/L.
10. Floor Coatings: 100 g/L.
11. Stains: 250 g/L.

E. Colors: As selected.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Comply with recommendations in MPI's "MPI Architectural Painting Specification Manual" applicable to substrates indicated.
- B. Remove hardware, lighting fixtures, and similar items that are not to be painted. Mask items that cannot be removed. Reinstall items in each area after painting is complete.
- C. Clean and prepare surfaces in an area before beginning painting in that area. Schedule painting so cleaning operations will not damage newly painted surfaces.

3.2 APPLICATION

- A. Comply with recommendations in MPI's "MPI Architectural Painting Specification Manual" applicable to substrates indicated.
- B. Paint exposed surfaces, new and existing, unless otherwise indicated.
 - 1. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces.
 - 2. Paint surfaces behind permanently fixed equipment or furniture with prime coat only.
 - 3. Paint the back side of access panels.
 - 4. Color-code mechanical piping in accessible ceiling spaces.
 - 5. Do not paint prefinished items, items with an integral finish, operating parts, and labels unless otherwise indicated.
- C. Apply paints according to manufacturer's written instructions.
 - 1. Use brushes only for exterior painting and where the use of other applicators is not practical.
 - 2. Use rollers for finish coat on interior walls and ceilings.
- D. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.
 - 1. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- E. Apply stains and transparent finishes to produce surface films without color irregularity, cloudiness, holidays, lap marks, brush marks, runs, ropiness, or other imperfections. Use multiple coats to produce a smooth surface film of even luster.

3.3 EXTERIOR PAINT APPLICATION SCHEDULE

- A. Concrete, Nontraffic Surfaces:
 - 1. Flat Latex: Two coats over alkali-resistant primer: MPI EXT 3.1K.

B. Concrete Masonry Units:

1. Flat Latex: Two coats over latex block filler: MPI EXT 4.2A.

C. Steel:

1. Semigloss, Alkyd Quick-Dry: Two coats over alkyd anticorrosive primer: MPI EXT 5.1A.

D. Wood: Including wood trim architectural woodwork doors windows wood fences exposed joists exposed beams.

1. Low-Sheen Latex: Two coats over latex primer: MPI EXT 6.3L.

E. Wood, Traffic Surfaces:

1. Low-Gloss Latex Floor Paint: Two coats over latex primer: MPI EXT 6.5E.

F. Exterior Gypsum Soffit Board:

1. Flat Latex: Two coats over latex primer: MPI EXT 9.2A.

3.4 INTERIOR PAINT APPLICATION SCHEDULE

A. Concrete Masonry Units:

1. Semigloss Latex: Two coats over latex block filler: MPI INT 4.2A.

B. Steel:

1. Semigloss, Quick-Dry Enamel: Two coats over quick-drying alkyd metal primer: MPI INT 5.1A.

C. Wood: Including wood trim architectural woodwork doors windows exposed joists exposed beams.

1. Semigloss Institutional Low-Odor/VOC Latex: Two coats over latex primer for wood: MPI INT 6.3V.

D. Gypsum Board Plaster:

1. Semigloss Institutional Low-Odor/VOC Latex: Two coats over low-odor/VOC primer/sealer: MPI INT 9.2M.

3.5 EXTERIOR STAIN AND CLEAR FINISH APPLICATION SCHEDULE

A. Wood, nontraffic surfaces, including wood trim architectural woodwork doors windows wood siding wood shingles and shakes (excluding roofs).

1. Solid Hide, Water-Based Stain: Two coats over alkyd primer: MPI EXT 6.2B.

B. Wood, traffic surfaces, including wood decks and stairs.

1. Deck Stain: Two coats: MPI EXT 6.5F.

3.6 INTERIOR STAIN AND CLEAR FINISH APPLICATION SCHEDULE

- A. Wood substrates, nontraffic surfaces, including wood trim architectural woodwork doors windows exposed joists exposed beams.

1. Semitransparent Stain: Two coats: MPI INT 6.1G

END OF SECTION 099000

SECTION 061000 - ROUGH CARPENTRY

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: ICC-ES evaluation reports for wood-preservative treated wood fire-retardant treated wood engineered wood products and metal framing anchors.

PART 2 - PRODUCTS

2.1 WOOD PRODUCTS, GENERAL

- A. Certified Wood: Wood-based materials shall be certified as "FSC Pure" or "FSC Mixed Credit" according to FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship," and to FSC STD-40-004, "FSC Standard for Chain of Custody Certification."
- B. Lumber: Provide dressed lumber, S4S, marked with grade stamp of inspection agency.
- C. Engineered Wood Products: Acceptable to authorities having jurisdiction and for which current model code research or evaluation reports exist that show compliance with building code in effect for Project.
 - 1. Allowable Design Stresses: Engineered wood products shall have allowable design stresses, as published by manufacturer, that meet or exceed those indicated. Manufacturer's published values shall be demonstrated by comprehensive testing.

2.2 TREATED MATERIALS

- A. Preservative-Treated Materials: AWP A U1; Use Category UC2 for interior construction not in contact with the ground, Use Category UC3b for exterior construction not in contact with the ground, and Use Category UC4a for items in contact with the ground.
 - 1. Use treatment containing no arsenic or chromium.
 - 2. Kiln-dry lumber after treatment to a maximum moisture content of 19 percent.
 - 3. Mark lumber with treatment quality mark of an inspection agency approved by the ALSC Board of Review.
- B. Provide preservative-treated materials for items indicated on Drawings, and the following:
 - 1. Wood cants, nailers, curbs, equipment support bases, blocking, stripping, and similar members in connection with roofing, flashing, vapor barriers, and waterproofing.
 - 2. Wood sills, blocking, furring, stripping, and similar concealed members in contact with masonry or concrete.
 - 3. Wood framing members that are less than 18 inches above the ground.
 - 4. Wood floor plates that are installed over concrete slabs-on-grade.

- C. Fire-Retardant-Treated Materials: Products with a flame-spread index of 25 or less when tested according to ASTM E 84, and with no evidence of significant progressive combustion when the test is extended an additional 20 minutes, and with the flame front not extending more than 10.5 feet beyond the centerline of the burners at any time during the test.
1. Use Exterior type for exterior locations and where indicated.
 2. Use Interior Type A unless otherwise indicated.
 3. For enclosed roof framing, framing in attic spaces, and where high-temperature fire-retardant treatment is indicated, provide material with design adjustment factors of not less than 0.85 for modulus of elasticity and 0.75 for extreme fiber in bending for Project's climatological zone.
 4. Kiln-dry lumber after treatment to a maximum moisture content of 19 percent.
 5. Identify with appropriate classification marking of a testing and inspecting agency acceptable to authorities having jurisdiction.
- D. Provide fire-retardant treated materials for items indicated on Drawings.

2.3 FRAMING

- A. Certified Wood: Wood framing shall be certified as "FSC Pure" or "FSC Mixed Credit" according to FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship," and to FSC STD-40-004, "FSC Standard for Chain of Custody Certification."
- B. Dimension Lumber:
1. Maximum Moisture Content: 15 percent.
 2. Non-Load-Bearing Interior Partitions: Construction or No. 2: .
 3. Framing Other Than Non-Load-Bearing Interior Partitions: Construction or No. 2: .
 4. Exposed Framing: Provide material hand-selected for uniformity of appearance and freedom from characteristics, on exposed surfaces and edges, that would impair finish appearance, including decay, honeycomb, knot-holes, shake, splits, torn grain, and wane.
 - a. Species: As specified for framing other than non-load-bearing interior partitions.
 - b. Grade: Select Structural.
- C. Timbers 5-Inch Nominal Size and Thicker: Select Structural No. 1:
1. Maximum Moisture Content: 20 percent.
- D. Laminated-Veneer Lumber: Manufactured with exterior-type adhesive complying with ASTM D 2559. Allowable design values determined according to ASTM D 5456.
1. Manufacturers: One of the following:
 - a. Boise Cascade Corporation.
 - b. Finnforest USA.
 - c. Georgia-Pacific.
 - d. Jager Building Systems Inc.
 - e. Louisiana-Pacific Corporation.
 - f. Pacific Woodtech Corporation.

- g. Roseburg Forest Products Co.
- h. Standard Structures Inc.
- i. Stark Truss Company, Inc.
- j. West Fraser Timber Co., Ltd.
- k. Weyerhaeuser Company.

- 2. Extreme Fiber Stress in Bending, Edgewise: 2900 psi for 12-inch nominal- depth members.
- 3. Modulus of Elasticity, Edgewise: 2,000,000 psi.

2.4 MISCELLANEOUS LUMBER

- A. Miscellaneous Dimension Lumber: Construction, or No. 2 grade with 15 percent maximum moisture content of any species. Provide for nailers, blocking, and similar members.
- B. Utility Shelving: Eastern white, Idaho white, lodgepole, ponderosa, or sugar pine, Premium or 2 Common (Sterling): NeLMA, NLGA, WCLIB, or WWPA; or Spruce-pine-fir, Select Merchantable or No. 1 Common: NeLMA, NLGA, WCLIB, or WWPA; with 15 percent maximum moisture content.
- C. Concealed Boards: Eastern softwoods, No. 3 Common: NELMA; with 15 percent maximum moisture content.

2.5 PLYWOOD BACKING PANELS

- A. Equipment Backing Panels: Plywood, Exterior, AC, fire-retardant treated, not less than 3/4-inch nominal thickness.

2.6 MISCELLANEOUS PRODUCTS

- A. Fasteners: Size and type indicated. Where rough carpentry is exposed to weather, in ground contact, or in area of high relative humidity, provide fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M.
 - 1. Power-Driven Fasteners: CABO NER-272.
 - 2. Bolts: Steel bolts complying with ASTM A 307, Grade A; with ASTM A 563 hex nuts and, where indicated, flat washers.
- B. Metal Framing Anchors: Structural capacity, type, and size indicated.
 - 1. Manufacturers: One of the following:
 - 2. Basis-of-Design Product: or a comparable product of one of the following:
 - a. Cleveland Steel Specialty Co.
 - b. KC Metals Products, Inc.
 - c. Phoenix Metal Products, Inc.
 - d. Simpson Strong-Tie Co., Inc.
 - e. USP Structural Connectors.

3. Use anchors made from hot-dip galvanized steel complying with ASTM A 653/A 653M, G60 coating designation for interior locations where stainless steel is not indicated.
 4. Use anchors made from stainless steel complying with ASTM A 666, Type 304 for exterior locations and where indicated.
- C. Sill Sealer: Closed-cell neoprene foam, 1/4 inch thick.
- D. Flexible Flashing: Self-adhesive product consisting of a butyl rubber compound, bonded to a backing sheet to produce an overall thickness of not less than 0.025 inch.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Set rough carpentry to required levels and lines, with members plumb, true to line, cut, and fitted. Locate nailers, blocking, and similar supports to comply with requirements for attaching other construction.
- B. Framing Standard: Comply with AF&PA's WCD 1, "Details for Conventional Wood Frame Construction," unless otherwise indicated.
- C. Do not splice structural members between supports unless otherwise indicated.
- D. Securely attach rough carpentry to substrates, complying with the following:
1. CABO NER-272 for power-driven fasteners.
 2. Published requirements of metal framing anchor manufacturer.
 3. Table 2304.9.1, "Fastening Schedule," in the IBC.

END OF SECTION 061000

SECTION 062000 - FINISH CARPENTRY

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: Samples for moldings and trim.

PART 2 - PRODUCTS

2.1 MATERIALS, GENERAL

- A. Lumber: DOC PS 20 and grading rules of inspection agencies certified by American Lumber Standards Committee Board of Review.
- B. Softwood Plywood: DOC PS 1.
- C. MDF: ANSI A208.2, Grade 130, made with binder containing no urea-formaldehyde resin.
- D. Particleboard: ANSI A208.1, Grade M-2, made with binder containing no urea-formaldehyde resin.
- E. Melamine-Faced Particleboard: Particleboard complying with ANSI A208.1, Grade M-2, finished on both faces with thermally fused, melamine-impregnated decorative paper.
- F. Certified Wood: Wood-based materials produced from tropical forests shall be certified as "FSC Pure" or "FSC Mixed Credit" according to FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship," and to FSC STD-40-004, "FSC Standard for Chain of Custody Certification."

2.2 EXTERIOR FINISH CARPENTRY

- A. Exterior Lumber Trim: Smooth-textured, Prime or D finish hem-fir, pressure-preservative treated.
 - 1. Maximum Moisture Content: 19 percent.
- B. Wood Moldings: WMMPA WM 4, N-grade wood moldings. Made from kiln-dried stock to patterns included in WMMPA WM 12.
 - 1. Species: Eastern white, Idaho white, lodgepole, ponderosa, radiata, or sugar pine.
- C. Lumber Siding: Kiln-dried, Prime or D finish hem-fir, pressure-preservative treated.
- D. Plywood Siding: APA-rated siding, 5/8-inch- thick, 303-6-W, cedar faced, rough sawn, Texture 1-11; grooves 4 inches o.c.

1. Manufacturers: One of the following:
 - a. Georgia-Pacific Corp.
 - b. Hardel Mutual Plywood Corporation.
 - c. Hood Industries.
 - d. K Ply Inc.
 - e. Pacific Wood Laminates, Inc.
 - f. Plum Creek Timber Company, Inc.
 - g. Roseburg Forest Products Co.
 - h. Roy O. Martin Lumber Management, L.L.C.
 - i. SDS Lumber Company; Bingen Plywood Division.
 - j. Stimson Lumber Company, Inc.
 - k. Swanson Group; Plywood Division.
 - l. Textured Forest Products, Inc.

E. Plywood Soffits: 1/2-inch- thick, Exterior-type, Grade A-C

1. Manufacturers: One of the following:
 - a. Georgia-Pacific Corp.
 - b. Hardel Mutual Plywood Corporation.
 - c. Hood Industries.
 - d. K Ply Inc.
 - e. Pacific Wood Laminates, Inc.
 - f. Plum Creek Timber Company, Inc.
 - g. Roseburg Forest Products Co.
 - h. Roy O. Martin Lumber Management, L.L.C.
 - i. SDS Lumber Company; Bingen Plywood Division.
 - j. Stimson Lumber Company, Inc.
 - k. Swanson Group; Plywood Division.
 - l. Textured Forest Products, Inc.

2.3 INTERIOR STANDING AND RUNNING TRIM

- A. Interior Hardwood Lumber Trim: Clear, kiln-dried, Aspen, basswood, cottonwood, sap gum, sycamore, white maple, or yellow poplar.
- B. Wood Moldings: WMMPA WM 4 made to patterns in WMMPA WM 12 from kiln-dried stock.
 1. Softwood Moldings for Transparent Finish: Douglas fir.
 2. Hardwood Moldings for Transparent Finish: Aspen, basswood, cottonwood, sap gum, sycamore, white maple, or yellow poplar.
 3. Moldings for Painted Finish: P-Grade eastern white, Idaho white, lodgepole, ponderosa, radiata, or sugar pine.

2.4 MISCELLANEOUS MATERIALS

- A. Fasteners for Exterior Finish Carpentry: hot-dip galvanized steel.

- B. Glue: Aliphatic-resin, polyurethane, or resorcinol wood glue recommended by manufacturer.
 - 1. Wood glue shall have a VOC content of 30 g/L or less.
 - 2. Use waterproof resorcinol glue for exterior applications.
- C. Insect Screening for Soffit Vents: PVC-coated glass-fiber fabric.
- D. Continuous Soffit Vents: Aluminum hat channel shape with stamped louvers or perforations.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Condition interior finish carpentry in installation areas for 24 hours before installing.
- B. Prime and backprime lumber for painted finish exposed on the exterior. Cut to length and prime ends.
- C. Install finish carpentry level, plumb, true, and aligned with adjacent materials. Scribe and cut to fit adjoining work. Refinish and seal cuts.
 - 1. Install to tolerance of 1/8 inch in 96 inches for level and plumb. Install adjoining exterior finish carpentry with 1/32-inch maximum offset for flush installation and 1/16-inch maximum offset for reveal installation.
 - 2. Install stairs with no more than 3/16-inch variation between adjacent treads and risers and with no more than 3/8-inch variation between largest and smallest treads and risers within each flight.
- D. Install standing and running trim with minimum number of joints practical, using full-length pieces from maximum lengths of lumber available. Do not use pieces less than 24 inches long except where necessary. Stagger joints in adjacent and related trim. Cope at returns and inside corners and miter at outside corners.
- E. Nail siding at each stud. Do not allow nails to penetrate more than one thickness of siding, unless otherwise recommended by siding manufacturer. Seal joints at inside and outside corners and at trim locations.
- F. Select and arrange paneling for best match of adjacent units. Install with uniform tight joints.
- G. Exterior Stairs: Secure treads and risers by gluing and nailing to carriages. Countersink nail heads, fill flush, and sand filler. Extend treads over carriages and finish with bullnose edge.

END OF SECTION 062000

SECTION 061600 - SHEATHING

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: ICC-ES evaluation reports for preservative-treated plywood fire-retardant-treated plywood.

PART 2 - PRODUCTS

2.1 WOOD PANEL PRODUCTS, GENERAL

- A. Plywood: DOC PS 1.
- B. Oriented Strand Board: DOC PS 2.
- C. Certified Wood: Wood-based materials shall be certified as "FSC Pure" or "FSC Mixed Credit" according to FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship," and to FSC STD-40-004, "FSC Standard for Chain of Custody Certification."

2.2 TREATED PLYWOOD

- A. Preservative-Treated Plywood: AWWPA U1; Use Category UC2.
 - 1. Use treatment containing no arsenic or chromium.
 - 2. Kiln-dry plywood after treatment to a maximum moisture content of 15 percent.
- B. Provide preservative-treated plywood for items indicated on Drawings and plywood in contact with masonry or concrete or used with roofing, flashing, vapor barriers, and waterproofing.
- C. Fire-Retardant-Treated Plywood: Products with a flame-spread index of 25 or less when tested according to ASTM E 84, and with no evidence of significant progressive combustion when the test is extended an additional 20 minutes, and with the flame front not extending more than 10.5 feet beyond the centerline of the burners at any time during the test.
 - 1. Use Exterior type for exterior locations and where indicated.
 - 2. Use Interior Type A unless otherwise indicated.
 - 3. For roof sheathing and where high-temperature fire-retardant treatment is indicated, span ratings for temperatures up to 170 deg F shall be not less than span ratings specified.
 - 4. Identify with appropriate classification marking of a testing and inspecting agency acceptable to authorities having jurisdiction.
- D. Provide fire-retardant-treated plywood for items indicated on Drawings.

2.3 WALL SHEATHING

- A. Plywood Wall Sheathing: Exterior, Structural I sheathing.
- B. Oriented-Strand-Board Wall Sheathing: Exposure 1, Structural I sheathing.
- C. Paper-Surfaced Gypsum Wall Sheathing: ASTM C 1396/C 1396M, gypsum sheathing; with water-resistant-treated core.
 - 1. Manufacturers: One of the following:
 - a. American Gypsum.
 - b. G-P Gypsum Corporation.
 - c. LaFarge North America Inc.
 - d. National Gypsum Company.
 - e. Temple-Inland Inc.
 - f. United States Gypsum Co.
 - g.
- D. Glass-Mat Gypsum Wall Sheathing: ASTM C 1177/1177M.
 - 1. Products: One of the following:
 - a. CertainTeed Corporation; GlasRoc.
 - b. G-P Gypsum Corporation; Dens-Glass Gold.
 - c. National Gypsum Company; Gold Bond e(2)XP.
 - d. Temple-Inland Inc.; GreenGlass.
 - e. United States Gypsum Co.; Securock.
 - f.
- E. Cementitious Backer Units: ASTM C 1325, Type A.
 - 1. Products: One of the following:
 - a. C-Cure; C-Cure Board 990.
 - b. Custom Building Products; Wonderboard.
 - c. FinPan, Inc.; Util-A-Crete Concrete Backer Board.
 - d. USG Corporation; DUROCK Cement Board.
 - e.

2.4 ROOF SHEATHING

- A. Plywood Roof Sheathing: Exterior, Structural I sheathing.
- B. Oriented-Strand-Board Roof Sheathing: Exposure 1, Structural I sheathing.
 - 1. Manufacturers: One of the following:
 - a. Atlas Roofing Corporation.
 - b. Cornell Corporation.
 - c. Dow Chemical Company (The).

- d. Johns Manville; Berkshire Hathaway Inc.
 - e. Rmax, Inc.
- C. Composite Nail Base Insulated Roof Sheathing: Polyisocyanurate foam with oriented strand board laminated to one face complying with ASTM C 1289, Type V.

2.5 MISCELLANEOUS PRODUCTS

- A. Fasteners: Size and type indicated.
- 1. For roof and wall sheathing, provide fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M.
 - 2. Power-Driven Fasteners: CABO NER-272.
- B. Sheathing Joint-and-Penetration Treatment Materials:
- 1. Sealant for Glass-Mat Gypsum Sheathing: Silicone emulsion sealant, recommended by tape and sheathing manufacturers for application indicated.
 - 2. Sheathing Tape for Glass-Mat Gypsum Sheathing: Self-adhering, glass-fiber tape recommended by sheathing and tape manufacturers for application indicated.
 - 3. Sheathing Tape for Foam-Plastic Sheathing: Pressure-sensitive plastic tape recommended by sheathing manufacturer for sealing joints and penetrations in sheathing.
- C. Adhesives for Field Gluing Panels to Framing: APA AFG-01.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Securely attach to substrates, complying with the following:
- 1. CABO NER-272 for power-driven fasteners.
 - 2. Table 2304.9.1, "Fastening Schedule," in the IBC.
- B. Fastening Methods:
- 1. Wall and Roof Sheathing:
 - a. Nail to wood framing.
 - b. Screw to cold-formed metal framing.
- C. Glass-Mat Gypsum Sheathing Joint-and-Penetration Treatment: Seal sheathing joints and penetrations according to sheathing manufacturer's written instructions.
- D. Install cementitious backer units and treat joints according to ANSI A108.11 and manufacturer's written instructions for type of application indicated.

END OF SECTION 061600



Branchville ES, Front Entry



Branchville ES, Front



Branchville ES, Front



Branchville ES, Westerly Side



LIMITED XRF LEAD-BASED PAINT EXTERIOR SCREENING SURVEY REPORT

for

Branchville Elementary School
40 Florida Road
Farmingville Elementary School
324 Farmingville Road
Veterans Park Elementary School
8 Governor Street
Ridgefield, Connecticut 06877

Prepared for:

Town of Ridgefield
Purchasing Department
Ridgefield Town Hall
400 Main Street
Ridgefield, CT 06877

Prepared By:

Langan CT, Inc.
555 Long Wharf Drive
New Haven, CT 06511



Matthew A. Myers
Senior Project Manager



Jamie P. Barr, L.E.P.
Senior Associate/Vice President

LANGAN

30 July 2019
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TABLES

Table 1	Summary of Exterior XRF Testing Results
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APPENDICES

Appendix A	Lead XRF Testing Data Sheets
Appendix B	Langan Certifications and Accreditations

ACRONYMS

USEPA	United States Environmental Protection Agency
ASHERA	Asbestos Hazard Emergency Response Act
OSHA	Occupational Safety and Health Administration
CFR	Code of Federal Regulation
NESHAPS	National Standards for Hazardous Air Pollutants
HUD	Housing and Urban Development
CT DPH	Connecticut Department of Public Health
RCRA	Resource Conservation and Recovery Act
PLM	Polarized Light Microscopy
TEM	Transmission Electron Microscopy
ACM	Asbestos-Containing Materials
LBP	Lead-Based Paint
PCB	Polychlorinated Biphenyls (PCB)
Sq. ft.	Square Feet
Ln. ft.	Linear Feet
mg/cm ²	Milligrams per square centimeter
XRF	X-ray Fluorescence
AAS	Atomic Absorption Spectrometry

1.0 INTRODUCTION

Langan CT, Inc. (Langan) prepared this limited XRF lead-based paint exterior screening survey report on behalf of the Town of Ridgefield to identify potential lead-based paint associated with the planned painting/repainting of limited exterior surfaces at the following schools:

- Branchville Elementary School
- Farmingville Elementary School and
- Veterans Park Elementary School

The XRF screening was limited to testing representative surfaces from limited accessible exterior wall and fascia materials, overhangs, soffits and door components.

PROJECT INFORMATION

Client Name:	Town of Ridgefield	Property Visit Date:	29 July 2019
Professional's project #:	140206501	Construction Dates:	Branchville – 1965 Farmingville – 1964 Veterans Park - 1956
Consultant's Project Manager:	Matthew A. Myers	No. Buildings:	Three
Phone No.:	203-562-5571	No. of Stories:	One Story
Email:	mmyers@langan.com	Bldgs. Gross Footage:	Branchville – 57,400 Square Feet
Property Address:	Branchville Elementary School - 40 Florida Road Farmingville Elementary School - 324 Farmingville Road Veterans Park Elementary School - 8 Governor Street		Farmingville – 53,000 Square Feet Veterans Park – 51,700 Square Feet
Property Town, State:	Ridgefield, Connecticut	Property Use:	Three Elementary Schools

The following sections summarize limited XRF lead based paint screening results for the portions of the building surveyed.

2.0 LEAD-BASED PAINT (LBP) XRF SCREENING

A lead-based paint screening was performed at limited locations using an X-Ray Fluorescence (XRF) lead paint analyzer. Matthew Myers State of Connecticut DPH Certified Lead Inspector (#000191) performed the lead screening using a Niton XLp300.

LBP was identified at the following locations exceeding the HUD/EPA action level of equal to or greater than 1.0 mg/cm². Detailed XRF screening result field sheets are provided in Appendix A and these include surfaces that tested below 1.0 mg/cm².

Table 1 - Summary of Exterior XRF Testing Results

Component	Substrate	Color	Test Location	Total Lead mg/cm ²	Results	Comments
Branchville Elementary School						
No surfaces tested were above 1.0 mg/cm²						
Farmingville Elementary School						
Wall Panel Below Window	Plaster/ Concrete	White	Front – A-side	1.8	Positive	
Veterans Park Elementary School						
Lower Wall	Wood	White	Front – A/D-side	2.1	Positive	
Upper Wall	Wood	White	Front – A/D-side	1.9	Positive	

Contractors completing cleaning, painting and renovation activities should be aware that OSHA has not established a level of lead in a material below which 29 CFR 1926.62 does not apply. The contractor shall comply with exposure assessment criteria, interim worker protection and other requirements of the regulation as necessary to protect workers and occupants/residents.

The information in this report does not constitute a comprehensive lead inspection under the Connecticut Department of Public Health Regulations, Section 19a-111-1 to 11. The inspection was an XRF lead screening utilizing an XRF and does not satisfy the testing requirements of US EPA's Renovation, Repair and Painting Rule (RRP) under 40 CFR 745.80 through 92. Reliance on this report for determining RRP or CT DPH applicability is not authorized by Langan.

DISCLAIMERS: Some locations/materials were not surveyed during this inspection due to inaccessibility or not identified as scope of work. Sampling was very limited and several ages of construction/painting appear to be present.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Langan provides the following conclusions and recommendations, based on the findings of the limited XRF lead-based paint screening survey:

LBP was identified exceeding the HUD/EPA action level of equal to or greater than 1.0 mg/cm². All exterior painted wall panels below window systems and on other exterior parts of the building/walls should be assumed to contain lead-based paint at Farmingville Elementary School. All exterior lower and upper wood walls, trim and other "older" painted components/systems should be assumed to contain lead-based paint at Veterans Park Elementary School. TCLP lead waste characterization sampling should be performed on materials to be removed prior to disposal of these materials in order to classify the proper method of disposal (normal construction debris versus hazardous waste).

Contractors performing activities that disturb the paint should be aware that OSHA has not established a level of lead in a material below which 29 CFR 1926.62 does not apply. The contractor shall comply with exposure assessment criteria, interim worker protection and other requirements of the regulation as necessary to protect workers and occupants/residents. The contractor must comply with all applicable State and Federal regulations, including but not limited to lead OSHA and applicable CT DPH regulations. Langan recommends that a lead safe work practices specification be completed for the project.

4.0 LIMITATIONS

The conclusions and recommendations presented in this report are professional opinions based solely upon Langan's visual observations, test data, and current regulatory requirements. These conclusions and recommendations are intended exclusively for the purpose stated herein, at the site indicated, and for the project indicated.

It is important to recognize that even the most comprehensive scope of services may fail to detect all hazardous materials that may be associated with the property. Therefore, Langan cannot act as insurers and cannot "certify" that all hazmat associated with the property have been identified, and no expressed or implied representation or warranty is included or intended in our report, except that our services were performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession.

Any suspect material that is not listed in this report must be assumed as a regulated and/or hazardous material (asbestos, PCB, lead-based paint, etc.) until confirmed otherwise via laboratory testing. Langan was not requested to sample the caulking, glazing and sealant compounds or paint for possible asbestos or PCB content.

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Appendix A

Lead XRF Testing Data Sheets

PRELIMINARY XRF
LBP TESTING DATA SHEET

Client Name: Ridgefield - Branchville School

Project No. 140206501

Site Address 40 Florida Road

Survey Date 7/29/19

Total Assays Reported:

Survey ID#	Component	Substrate	Paint Color	Test Location	XRF Readings			Results	Comments
					K Shell mg/cm2	L Shell mg/cm2	K-Fe mg/cm2		
1	Calibrite			(Aside)				1.2	
2								1.0	
3	Concrete Upper Trim		Gray	Exterior Siding				0.03	
4	Overhang	metal	white	1				0.29	
5		concrete	white					0	
6	Window Trim	metal	tan/brown					0	
7	Door							0	
8	Panel under window	plaster concrete	Gray					0.6	
9									
10									
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Notes: N = Negative
P = Positive

**PRELIMINARY XRF
LBP TESTING DATA SHEET**

Client Name: Ridgefield - Farmingville School
 Site Address: 324 Farmingville Road

Project No. 140206501
 Survey Date 7/29/19

Total Assays Reported:

Survey ID#	Component	Substrate	Paint Color	Test Location	XRF Readings			Results	Comments
					K Shell mg/cm2	L Shell mg/cm2	K-Fe mg/cm2		
1	Panel below window	asphalt	white	Aside Entrance				1.8	
2	↓	↓	↓	↓				1.8	
3	Door	metal	Green	↓				0.9	
4	Door Trim	↓	↓	↓				0.9	
5	Column	concrete	white	↓				0.9	
6	calibrate							0.9	
7	↓							0.9	
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Notes: N = Negative
 P = Positive

**PRELIMINARY XRF
LBP TESTING DATA SHEET**

Client Name: Ridgely - Veterans Park School
 Site Address: 8 Governor Street

Project No. 140206301
 Survey Date 7/29/19

Total Assays Reported:

Survey ID#	Component	Substrate	Paint Color	Test Location	XRF Readings			Results	Comments
					K Shell mg/cm2	L Shell mg/cm2	K-Fe mg/cm2		
1	Lower wall window	wood	white	Exterior					
2	Upper	↓	↓	↓				2.1	
3	↓	↓	↓	↓				0.4	
4	Coat of arms	plaster	↓/brown	↓				1.9	
5	overhead entry	↓	white	↓				0	
6	Door	metal	Green	↓				0	
7	Door Trim	↓	↓	↓				0	
8	Door Header	wood	↓	↓				0	
9								0.01	
10									
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25									

Notes: N = Negative
 P = Positive

Appendix B

Langan Certifications and Accreditations

WALLET CARD
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
NAME
MATTHEW A. MYERS
VALIDATION NO.
03-744164
CERTIFICATE NO.
000077
CURRENT THROUGH
04/30/20
PROFESSION
ASBESTOS CONSULTANT-PROJECT MONITOR
SIGNATURE
Matthew A. Myers
COMMISSIONER

WALLET CARD
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
NAME
MATTHEW A. MYERS
VALIDATION NO.
03-744162
CERTIFICATE NO.
000191
CURRENT THROUGH
04/30/20
PROFESSION
LEAD INSPECTOR RISK ASSESSOR
SIGNATURE
Matthew A. Myers
COMMISSIONER

WALLET CARD
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
NAME
MATTHEW A. MYERS
VALIDATION NO.
03-744165
CERTIFICATE NO.
000041
CURRENT THROUGH
04/30/20
PROFESSION
ASBESTOS CONSULTANT-INSP/MGMT PLANNER
SIGNATURE
Matthew A. Myers
COMMISSIONER

WALLET CARD
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
NAME
MATTHEW A. MYERS
VALIDATION NO.
03-744163
CERTIFICATE NO.
000058
CURRENT THROUGH
04/30/20
PROFESSION
ASBESTOS CONSULTANT-PROJECT DESIGNER
SIGNATURE
Matthew A. Myers
COMMISSIONER

CERT#: L-600-967

**CHEMSCOPE TRAINING DIVISION
LEAD INSPECTOR/RISK ASSESSOR REFRESHER
8 HOUR TRAINING CERTIFICATE**

Matthew Myers

10 Lewis Street, Milford CT

Has attended an 8 hour course on the subject discipline on
9/7/2018 and has passed a written examination.

The above individual has successfully completed the above training course approved in accordance with the Department of Public Health Standards established pursuant to Section 20-477 of the Connecticut General Statutes.

Course topics include all required topics of State of Connecticut DPH and EPA.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (U.S.C. 1001 and 15 U.S.C. 2615), I certify that this training complies with all applicable requirements of Title IV of TSCA, 40 CFR part 745 and any other applicable Federal, State or local requirements.

**Examination Score: 95%
Exam Date: 9/7/2018
Expiration Date: 9/7/2019**



**Ronald D. Arena
Training Manager**

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