

REQUEST FOR PROPOSAL



Rutherfordton NORTH CAROLINA

For the Renovation of
Rutherfordton Fire & Rescue Station #1

DATE ISSUED

June 17, 2022

DUE DATE

July 15, 2022
1:15 p.m.

PHYSICAL DELIVERY/MAILING LOCATION

Town of Rutherfordton
Attn: Doug Barrick,
Town Manager
129 North Main Street
Rutherfordton NC 28139

REQUEST FOR PROPOSALS

FIRE STATION #1

Notice

The Town of Rutherfordton (referred to as “the Town”) is soliciting proposals from qualified General Contractors interested in providing construction services to the Town for the renovation of Fire Station #1.

All respondents to this Request for Proposal (RFP) are subject to the instructions communicated in this document and are cautioned to completely review the entire RFP and follow instructions carefully.

General

Currently, the Rutherfordton Fire Rescue Department (RFD) protects about 34 square miles within Town limits as well as unincorporated areas outside town limits by contract with Rutherford County. RFD provides this coverage from one station located at 144 N. Mitchell Street this station is now 25 years old and showing signs of wear and tear and in need of rehab and renovations.

Project Objectives

The project objectives include but are not limited to:

- Establishing a collaborative relationship between the Town, RFD, and the General Contractor to provide a high-quality renovation for Fire Station #1.
- Consider industry best practices and Chapter 10 of NFPA 1500, as well as all applicable codes and ordinances.
- Work within the established budget.
-

Scope of Work

The scope of work will include but is not limited to the following:

- Permitting for all aspects of the project.
- Construction of the project.
- Project management to assure subcontractors are performing to design and product specifications.
- Schedule management to assure on-time completion.
- Weekly on-site meetings with Town staff for updates.
- Project closeout, delivering manuals, establishing warranties, equipment training, final inspection and acceptance, execution of punch list, and record drawings.

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Project Scope & Budget shall include the following items:

Office Side of the Building

Storefront: Replace the entire commercial storefront with a new bronze storefront, new door, and new windows.

Flooring: Remove all Flooring and Replace all areas with High-Performance Resilient Tile Plank, offices and training rooms to have carpet tiles with 10% shelf stock

Walls: Repaint all walls and trim, paint colors to be picked by owner but will not exceed 3 colors. Painting does include cleaning, filling, and painting walls

Plumbing: remove toilets and urinals, replace flanges, rings and install new fixtures, remove sinks and replace them with new sinks and faucets. Remove showers and replace them with new inserts to include new shower valves. In the men's bathroom install a piece of RFP panel behind the urinal.

Millwork: Watch Room- Replace all existing lowers, replace rear lowers, and add 8 ft of uppers, the first 4 feet of open bookshelves, and 4 ft of 24 slot mail center. Front desk removed and replaced with a dual workstation separated by a bank of two sets of drawers.

Supply Room and Tool Room No Work to be done here.

Bays

Walls: clean, prep walls, fill any cracks and repaint all walls with 2-tone paint scheme colors picked by the owner.

Floors: Clean, prep, and seal concrete

Remove existing exhaust system and install Air Vac 911 System (quote provided) or similar system approved by owner.

Provide an allowance to install a big ass fan in the bays with wall mounted controller

Overhead Doors:

Replace all drive motors with new drive motor units to include 4 wireless remotes per unit, and either wire to existing wall-mounted door controls or provide new wall-mounted controllers. All doors need new weather stripping and safety sensors.

Provide allowance for replacement of all doors and replace doors with like doors – replacement doors shall have UV protection in the front and both UV and tinting in the rear.

Living Quarters:

HVAC- Remove the HVAC system and install a new HVAC at least 1 seer and .5 ton more than the existing unit this includes both the outside unit and inside air handler.

Ceiling – Remove all tiles, install insulation, and install new tiles

Flooring- Remove all Flooring and Replace all areas with High-Performance Resilient Tile Plank

Walls: clean, prep walls, fill any cracks and repaint all walls with 2-tone paint scheme colors picked by the owner.

Plumbing: Remove all plumbing fixtures, shower stalls, toilets, and vanities. Install new comfort height toilets, toilet flanges, new vanities (see millwork) new sinks and faucets, and shower inserts with new shower valves, showers to have removable shower heads on a wand. See detail on the new kitchen sink in millwork details.

Millwork

Vanities: Like vanities – increase height to comfort height- bathroom 1 – vanity should have 3 drawers, bathroom 2 (jack and jill room) vanity shall have 8 drawers.

Pantries – install new wall-mounted pantries- pantry to be 75" wide x 93" tall and 12" deep, 3 sections with double doors on each section with shelves and ability to lock.

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FIRE STATION #1

Kitchen: Remove all millwork- replace with 28.5 ft of uppers and lowers. Lower cabinets will have space for a new stainless steel 2-compartment sink with a faucet and separate spray nozzle. Upper cabinets will have space over the stove for a new stainless steel exhaust hood that is plumbed, beside the stove the uppers will have a place for a new stainless steel 1.7 cuft 1000 watt microwave (must be hooked to electric) to the right of the stove. Besides this area, the upper cabinets will need to be raised up to allow 3.5ft for the commercial coffee pot to sit on the countertop.

Doors: All exit doors from the living area (one to the outside and one to the bays) need new weather stripping

Exterior Work

Roof: Reseal roof – quote provided to show the scope of work, if this contractor is not used the same scope should be followed.

Concrete: removal and replacement of 3,500 sqft of concrete on the front apron

Appliances and Furniture:

Kitchen:

- Fridge/Freezer with Ice Machine and Water through the door
- Over the stove hood vent
- Over the stove 1.7 cf 1000 watt microwave

Bays:

- Double Row Mobile Turnout Gear Lockers 40" Deep X 81" High - 2 of these with 24" Openings for 12 stations
- Wall Mounted Turnout gear 24" wide x 72" high – 10 sections
- All lockers to be red and installed/assembled
- Big Ass Fan Allowance
- Remove the existing air compressor and replace it with a commercial unit capable of reaching 180 psi

Contractor to provide all demolition, debris removal, and moving of furniture for the project. The Town will provide storage space in the location of the enclosed trailer (bay 5) and equipment truck (bay 8) for storage for the project. This includes furniture moving out and back upon completion of that space.

Work on the living quarters cannot begin until the training room is complete, the contractor will be responsible for moving 6 beds from the living area into this space for temporary quarters.

Bid

- Identify the Project Manager, all licensed contractors, all licensed subcontractors, and all licensed design professionals who the firm intends to assign to this project.
- A minimum of three referrals and references from other agencies and owners. If possible, references should be from the projects listed above.
- Provide schedule; identify and discuss ideas to accelerate the overall schedule.
- CONTINGENCY ALLOWANCE
- Included as a line item in the bid form is a 20% Contingency Allowance to be added to the Subtotal. This

REQUEST FOR PROPOSALS

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allowance shall be used only upon issuance of a written change order. Any unused portion of the allowance remaining at the completion of the contract will revert back to the Town as a credit. The Town reserves the right to delete the contingency allowance from the contract prior to award.

Questions and Clarifications

For the purpose of providing clarifications, a pre-bid conference will be held at **1:30 p.m. (EST) on Friday, June 24, 2022, at Rutherfordton Fire & Rescue Department (Headquarters), 144 N. Mitchell Street, Rutherfordton.** Attendance for those intending to submit qualifications is not mandatory but highly encouraged. The project will be described, and key Town participants will be introduced and a tour of the facility and all aspects of the project will be highlighted. Questions that arise during the pre-bid conference are requested to be submitted in writing. Only written questions will be answered in an addendum.

All questions shall be submitted to Doug Barrick, Town Manager via email at dbarrick@rutherfordton.net. An addendum with questions and answers, if necessary, will be provided to teams/firms by end of the day on Friday, June 24, 2022.

Statement of Qualifications Submittal

The deadline for firms submitting qualifications is **1:15 p.m. (EST) on Friday July 15, 2022.** No submissions or supporting documents will be accepted after this deadline.

Physical Acceptance/Mailing Location

Town of Rutherfordton Attn: Doug Barrick
129 North Main Street
Rutherfordton NC 28139

Submittal packages should be enclosed in a sealed envelope marked **REQUEST FOR PROPOSALS – Rutherfordton Fire & Rescue Station #1**

All proposal packages and materials submitted hereunder become the exclusive property of the Town and shall be subject to the provisions of the North Carolina public records laws.

The Town of Rutherfordton reserves the right to reject any or all packages received or to request additional information as may be needed to determine qualifications.

APPENDIX A



Rutherfordton
NORTH CAROLINA

**TOWN OF RUTHERFORDTON
GENERAL CONTRACT TERMS AND CONDITIONS**

General Contract Terms and Conditions

- The selected firm will report directly to the Town. The selected firm is to administer the contract and to ensure that all work is performed in accordance with the contract requirements. The selected firm will be responsible for providing engineers, technicians, and sub-consultants with the appropriate skills and qualifications to ensure contract compliance. The firm will be directly responsible for oversight of the project for the Town.
- The selected firm will be notified by the Town and will enter into contract negotiations for receiving this work. A contract will be negotiated with the selected contractor based on the proposed scope of work outlined in their proposal. Appendix A is the Town's standard professional services agreement that will serve as a basis for any contract with the selected firm/contractor.
- To the maximum extent allowed by law, the firm/team shall defend, indemnify, and save harmless the Town, its agents, officers, and employees, from and against all charges that arise in any manner from, in connection with, or out of the acts or omissions of the firm/team or subcontractors or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable except for damage or injury caused solely by the negligence of the Town, its agents, officers, or employees. In performing its duties under this section, the firm/team shall at its sole expense defend the Town, its agents, officers, and employees with legal counsel reasonably acceptable to the Town. As used in this subsection – "Charges" means claims, judgments, costs, damages, losses, demands, liabilities, duties, obligations, fines, penalties, royalties, settlements, expenses, interest, reasonable attorney's fees, and amounts for alleged violations of North Carolina law or federal law, including but not limited to, sedimentation pollution, erosion control, pollution, or other environmental laws, regulations, ordinances, rules, or orders. Nothing in this section shall affect any warranties in favor of the Town that are otherwise provided in or arise out of this contract. This section is in addition to and shall be construed separately from any other indemnification provisions that may be in this contract. This section shall remain in force despite termination of this contract (whether by expiration of the term or otherwise) and termination of the services of the Contract under this contract. To the extent this Contract includes the furnishing of "design professional services" as defined in N.C.G.S. § 22B-1(f)(6), nothing in this section shall require a "design professional" as defined in N.C.G.S. § 22B-1(f)(4) to defend the Town against liability or claims for damages or expenses, including attorney's fees, proximately caused or allegedly caused by the professional negligence of such design professional.

- The firm must have the financial ability to undertake the work and assume the liability. The selected firm will be required to provide a Performance Bond and Payment Bond in the full amount of the contract prior to contract execution. The selected firm will be required to furnish proof of insurance coverage and shall maintain at the times the limits as follows:

<u>Coverage</u>	<u>Minimum Limits</u>
General Liability	\$2,000,000 per occurrence
Umbrella Liability	\$2,000,000 per occurrence
Automobile Liability	\$1,000,000
Professional Liability (E & O)	\$2,000,000 per occurrence
Workers' Compensation	\$1,000,000 Each Accident, \$1,000,000 Disease (Each Employee, \$1M Disease-Policy Limit)
Employers' Liability	\$ 500,000

- The selected firm shall provide the Town with a Certificate of Insurance for review prior to the issuance of any contract or Purchase Order. All Certificates of Insurance will require thirty (30) days written notice by the insurer or firm's agent in the event of cancellation, reduction or other modifications of coverage. In addition to the notice requirement above, the firm shall provide the Town with immediate written notice of cancellation, reduction, or other modification of coverage of insurance. Upon failure of the firm to provide such notice, the firm assumes sole responsibility for all losses incurred by the Town for which insurance would have provided coverage. The insurance certificate shall be for the initial contract period of:

one (1) year and shall be renewed by the contractor for each subsequent renewal period of the contract.

- The Town shall be named as an additional insured and the statement should read "Town of Rutherfordton is to be added as an additional insured as evidenced by an endorsement attached to this certificate." Only "A" rated insurance companies will be acceptable to the Town.
- The firm must have an adequate accounting system to identify costs chargeable to the project.

- The proposed method of payment for this contract is lump sum.
- The products of this contract shall be the property of the Town. Upon completion or other termination of this contract, the Contractor shall deliver to the Town reproducible copies of any text, database information, survey information, graphic materials, reports, drawing, plans, files and/or any other documents or materials pertaining to this contract. The Contractor shall also make available any calculations pertaining to this contract and provide copies of specific calculations upon request of the Town. No reports, information, or materials prepared by the Contractor under this contract shall be made available to any person or organization without the prior written approval of the Town.
- In no event shall there be any of the following unless Town's express prior written agreement is obtained: (i) any limitation on, or disclaimer of, implied or express warranties or the liability of Contractor; (ii) any limitation on damages, including a limitation on consequential damages;
- (iii) any requirement for arbitration or for mandatory mediation; (iv) any requirement that Town officials or employees keep information confidential or any requirement that records be kept confidential by the Town, unless the requirement for confidentiality meets the requirements of the Public Records Law.

Conflict of Interest Statement

It is the policy of the Town that the conduct of officers, directors, project managers, and/or all other persons acting as its representatives should be at all times in the best interests of the Town, its members and the general public. In performing their duties, Town representatives should not be influenced by desire for personal gain. Conflict of interest is defined as a situation in which professional judgment or behavior concerning a primary interest (in this case the integrity of Town) has been improperly influenced by a different interest (such as for financial gain). The prompt disclosure of possible conflicts of interest or of those situations where such a perception could reasonably be anticipated to arise helps to avoid injury to an agreed upon primary interest.

Firm(s) selected for these advertised services shall become aware of and comply with state laws related to gifts and favors, conflicts of interest and the like, including N.C.G.S. 14-234, N.C.G.S. 133-1, and N.C.G.S. 133-2. Firm(s) selected for Planning and Design Services by the Town will be required to disclose any conflicts of interest for 18 months prior to the submission of the Proposal package to the Town.

If a conflict of interest is not disclosed by the contractor and a conflict of interest is determined by the Town to exist at a later time, the contractor will not be compensated for their prior work

and will be required to reimburse the Town for any payments received. The contractor would be immediately dismissed from the contract.

Notifications

Public Records Notice

Records received by the Town in response to a bid solicitation or a request for proposal/qualifications are public records and subject to public inspection and copying. Some bid records are public as soon as received by the Town, others become public at bid opening and others at bid award.

The Public Records law (N.C.G.S. 132-1 et seq.) authorizes the Town to withhold from public inspection and copying legitimate and properly marked 'trade secrets'. If a record meets all of the following conditions, then the Town may withhold that particular trade secret from a public record inspection request:

- It is a "trade secret" as defined in G.S. 66-152(3); and
- It is the property of a private "person" as defined in G.S. 66-152(2); and
- It is disclosed or furnished to the Town in connection with a bid or proposal; and
- It is marked as "confidential" or as a "trade secret" at the time of its initial disclosure to the Town.

If as part of your bid or proposal, you submit to the Town any record, or portion of a record, that you consider to be a trade secret meeting the definition contained in G.S. 66-152 (2), you may clearly mark the particular record, or portion of the record, that meets the definition of trade secret as TRADE SECRET or CONFIDENTIAL TRADE SECRET, and the Town will be authorized to withhold that particular record or portion thereof, from public inspection. In the event the Town receives a public records request for records you designate as 'trade secret' the Town will notify you and give you the opportunity to, within one week of such notification, confirm in writing that the specific record, or portion of record, that you designated as TRADE SECRET meets the

REQUEST FOR PROPOSALS

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requirements of G.S 132-1.2 and G.S. 66-152, and the reasons therefore. The Town will require that you indemnify the Town in the event a challenge is brought for the withholding of a record based on your having designated it a trade secret.

Addenda Notice

If you have received this solicitation from a source other than the Town, it is the respondent's responsibility to ensure that all addenda have been received. Please email dbarrick@rutherfordton.net for the most current information.

APPENDIX B

BID FORM

**Town of Rutherfordton Bid Form
Fire Station #1**

PROJECT IDENTIFICATION: FIRE STATION #1

THIS BID IS SUBMITTED TO: TOWN OF RUTHERFORDTON
TOWN MANAGER
129 NORTH MAIN ST
RUTHERFORDTON, NC 28139

- The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with OWNER in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this bid and in accordance with the other terms and conditions of the Bidding Documents.
- Bidder accepts all of the terms and conditions of the Advertisement for Bids and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of OWNER.
- In submitting the Bid, Bidder represents, as set forth in the Agreement that:
 1. Bidder has examined and carefully studied the Bidding Documents, and the other related data identified in the Bidding Documents, and the following Addenda, receipt of all which is hereby acknowledged.

<u>Addendum No.</u>	<u>Addendum Date</u>
<hr/>	
<hr/>	

2. Bidder has visited the site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.
3. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress, and performance of the Work.
4. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by

Bidder including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.

5. Bidder does not consider that any further examinations, investigations, explorations, tests, studies or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
6. Bidder is aware of the general nature of work to be performed by OWNER and others at the Site that relates to Work as indicated in the Bidding Documents.
7. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
8. Bidder will complete the Work in accordance with the Contract Documents and all requirements set forth within this BID package for the following price(s):

Base Bid \$: _____

20% Contingency Allowance \$: _____

Total Lump Sum Bid \$: _____

- **Bidder agrees that the Work will be substantially complete within _____ calendar days after the date when the Contract Times commence and completed and ready for final payment within _____ calendar days after the date when the Contract Times commence to run.**

SUBMITTED ON _____, 2022

State CONTRACTOR License No. : _____

Name (typed or printed): _____

By: _____ (SEAL)
(*Signature*)

Doing business as: _____

Business Address: _____

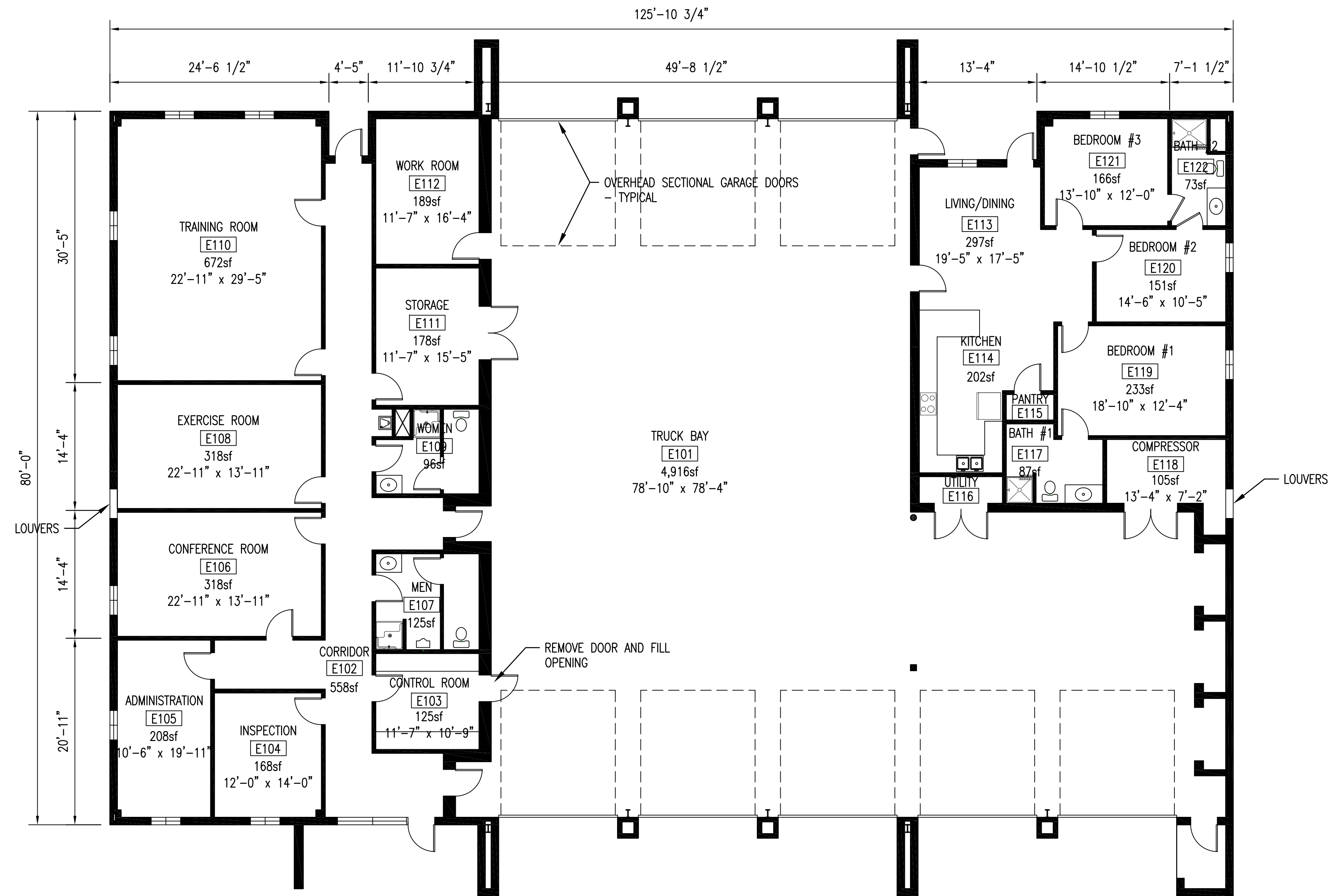
Phone No.: _____ Email Address.: _____

APPENDIX C

EXISTING CONDITIONS

REVISIONS:

DATE	DESCRIPTION



EXISTING CONDITIONS FLOOR PLAN
 1/8" = 1'-0"

PLAN STUDY
 FIRE DEPARTMENT
 TOWN OF RUTHERFORDTON

TALLEY & SMITH
 ARCHITECTURE, INC.
 SHELBY, NORTH CAROLINA
 P.O. BOX 518 (28151-0518) 704-487-7082
 409 E. MARION ST. (28150) FAX 704-482-5596

PROPOSED
 FIRE DEPARTMENT
 RENOVATIONS
 144 N. Mitchell St., Rutherfordton, NC

COMM. NUMBER: 917
 DATE: JANUARY 31, 2022

SHEET
A1
 1 OF 2

APPENDIX D

FIRE STATION #1 SCOPE OF WORK

Rutherfordton Fire Station 1 Scope of Work:

Office Side of the Building

Storefront: Replace the entire commercial storefront with a new bronze storefront, new door, and new windows.

Flooring: Remove all Flooring and Replace all areas with High-Performance Resilient Tile Plank, offices and training rooms to have carpet tiles with 10% shelf stock

Walls: Repaint all walls and trim, paint colors to be picked by owner but will not exceed 3 colors. Painting does include cleaning, filling, and painting walls

Plumbing: remove toilets and urinals, replace flanges, rings and install new fixtures, remove sinks and replace them with new sinks and faucets. Remove showers and replace them with new inserts to include new shower valves. In the men's bathroom install a piece of RFP panel behind the urinal.

Millwork: Watch Room- Replace all existing lowers, replace rear lowers, and add 8 ft of uppers, the first 4 feet of open bookshelves, and 4 ft of 24 slot mail center. Front desk removed and replaced with a dual workstation separated by a bank of two sets of drawers.

Supply Room and Tool Room No Work

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Walls: clean, prep walls, fill any cracks and repaint all walls with 2-tone paint scheme colors picked by the owner.

Floors: Clean, prep, and seal concrete

Remove existing exhaust system and install Air Vac 911 System (quote provided) or similar system approved by owner.

Provide an allowance to install a big ass fan in the bays with wall mounted controller

Overhead Doors:

Replace all drive motors with new drive motor units to include 4 wireless remotes per unit, and either wire to existing wall-mounted door controls or provide new wall-mounted controllers. All doors need new weather stripping and safety sensors.

Provide allowance for replacement of all doors and replace doors with like doors – replacement doors shall have UV protection in the front and both UV and tinting in the rear.

Living Quarters:

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Kitchen: Remove all millwork- replace with 28.5 ft of uppers and lowers. Loweres will have space for a new stainless steel 2-compartment sink with a faucet and separate spray nozzle. Uppers will have space over the stove for a new stainless steel exhaust hood that is plumbed, beside the stove the uppers will have a place for a new stainless steel 1.7 cuft 1000 watt microwave (must be hooked to electric) to the right of the stove. Besides this area, the upper cabinets will need to be raised up to allow 3.5ft for the commercial coffee pot to sit on the countertop.

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Exterior Work

Roof: Reseal roof – quote provided to show the scope of work, if this contractor is not used the same scope should be followed.

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Bays:

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Work on the living quarters cannot begin until the training room is complete, the contractor will be responsible for moving 6 beds from the living area into this space for temporary quarters.

APPENDIX E

FIRE STATION #1 PROVIDED QUOTES

AirVac 911

Custom Coatings



The World Leader In Engine Exhaust Removal
Systems for the Fire and EMS Industry

PROPOSAL – AIRVAC 911® Multi-Directional (Horizontal & Vertical) Air Flow Exhaust Removal System

THE SALE OF AIRVAC 911®, ENGINE EXHAUST AIR FILTRATION SYSTEM, BY AIR VACUUM CORPORATION OF DOVER N.H., FOR REMOVAL OF HAZARDOUS EMISSIONS FROM FIRE, RESCUE, TRUCKING, AND OTHER HEAVY EQUIPMENT FLOOR AREAS.

THIS QUOTATION HAS BEEN PREPARED FOR: 6/9/2022



Contract Holder

Chief, Brandon Harrill
Rutherfordton Fire and Rescue
144 N. Mitchell St
Rutherfordton, NC 28139

SPECIFICATIONS

MODEL: AIRVAC 911®, VERTICAL AIR FLOW DESIGN, CEILING HUNG, RE-CIRCULATING AIR FILTRATION SYSTEM. MANUFACTURED BY: AIR VACUUM CORPORATION, 6 FARADAY DRIVE, DOVER, NH 03820.

FILTRATION: “4-STAGE” FILTER PACK. ALL FILTERS ARE INDUSTRY STANDARD SIZED, UL TESTED & CERTIFIED.

PRE-FILTER (STAGE 1): 24" X 24" X 1". 3-PLY POLYESTER CONSTRUCTION. TWO LAYERS OF 16/40 DUAL DENIER POLY FIBERS WITH A FINAL DUST CATCHING ADHESIVE LAYER. SELF-SEALING FILTER WITH PRE-INSTALLED INTERNAL HEAVY GAGE WIRE FRAME. MERV 8. PERFORMANCE BASED ON A.S.H.R.A.E. 52.1-1992 TEST METHOD. CLASSIFIED AS A UL CLASS 2 FILTER, ACCORDING TO UL STANDARD 900 AND CAN 4-S111.

MAIN MEDIA FILTER (STAGE 2): 24" X 24" X 6". “HEPA MAX 3000” HIGH EFFICIENCY PARTICULATE AIR FILTER. DOP TESTED WITH 0.3 MICROMETER SIZED PARTICLES TO HAVE A **MINIMUM EFFICIENCY OF UP TO 95% AND EXCEEDS THE MAXIMUM EFFICIENCY OF 98% ASHRAE 52.1 TESTED FILTERS**. CONSISTS OF A PLEATED MEDIA PACK ENCLOSED WITHIN A GALVANIZED STEEL FRAME ASSEMBLY. ULTRA-FINE FIBERGLASS MEDIA FORMED IN A SERIES OF PLEATS SEPERATED BY CORRUGATED ALUMINUM DIVIDERS TO MAINTAIN UNIFORM SPACING BETWEEN EACH PLEAT FOR OPTIMAL AIRFLOW. CLASSIFIED CLASS 2 ACCORDING TO U.L. STANDARD 900 AND IS CLASSIFIED MERV 16 IN ACCORDANCE WITH ASHRAE STANDARD 52.2. FOR INSTALLATION SAFETY, TOTAL WEIGHT NOT TO EXCEED 16 LBS.

GAS-PHASE EXTRACTOR (STAGES 3&4): ONE 24" X 24" X 4", “MULTISORB 3000” BLENDED GAS PHASE EXTRACTOR. 50/50 RESPIRATOR GRADE ACTIVATED CARBON GRANUALS EFFECT FOR REMOVAL OF HIGH WEIGHT MOLECULAR GASES WITHIN DIESEL EXHAUST (VOC’S, HYDROCARBONS, BENZENE, OCTANE, METHANOL AND MORE) AND POTASSIUM PERMANGANATE FOR REMOVAL OF LIGHT WEIGHT MOLECULAR GASES (SULFUR DIOXIDE, NITROGEN DIOXIDE, FORMALDEHYDE AND MORE). FILTER IS CONSTRUCTED WITHIN A 24ga METAL FRAME WITH INTERNAL “HONEYCOMB” CONTAINMENT STRUCTURE. 50/50 BLEND EQUATES TO 28+/- LBS OF CARBON. FOR INSTALLATION SAFETY, TOTAL WEIGHT NOT TO EXCEED 30 LBS.

CABINET CONSTRUCTION: 18 & 16 GAUGE, ALL WELDED STEEL CONSTRUCTION. 25" X 26" X 28" CUSTOM GRAY POWDER COAT PAINT FINISH. **TWO HINGED ACCESS PANELS:** ONE TO THE FILTER BANK AND THE OTHER TO THE MOTOR/BLOWER UNIT. A “DWYER” MAGNEHELIC STATIC PRESSURE GAGE, ALLOWS USER TO VISUALLY CHECK ON THE STATUS OF THE FILTER BANK. **FOUR HORIZONTAL & ADJUSTABLE AIRFLOW GRILLS.** “QUICK LATCH” FILTER COMPARTMENT WHICH IS CAPABLE OF HOLDING UP TO 15" OF FILTRATION!

ELECTRICAL: 3/4 H.P., 1725 RPM, 115 VOLT SINGLE PHASE ELECTRIC MOTOR, 13.6 F.L. AMP., RESILIENT MOUNT, AUTOMATIC THERMAL PROTECTION. ELECTRIC MOTOR, RESILIENT MOUNT. ALL MOTORS ARE UL APPROVED. **OPTIONS:** UNITS AVAILABLE @ 230 VOLT, SINGLE PHASE, 6.8 F.L. AMP, ADD \$75 EA. UNIT, SINGLE PHASE MOTOR USABLE @ 208-230 VOLT. 7.0 F.L. AMP. ADD \$115 EA UNIT, THREE PHASE 1 HP - @ 208-230/460 Volt, 3.4-3.6/1.8 F.L. AMPS, ADD \$255 EA. UNIT; TO BASE QUOTE.

BLOWER: CONTINENTAL CENTRIFUGAL IMPELLER AND FUNNEL CONE. NON-METAL & CHEMICALLY RESISTANT.

AVEC CONTROL PANEL: UL 508 CERTIFIED CUSTOM “AUTOMATIC VEHICLE EXHAUST CONTROL”, MULTI-CIRCUIT AUTOMATIC RESET TIMER CONTROL. TWO CIRCUIT CONFIGURATIONS RATED AT 20 AMPS PER. TIMING RANGE OF .1 TO 120 MIN. ENCLOSED WITHIN A NEMA-4 RATED ENCLOSURE, NECESSARY FOR APPLICATIONS WHERE WATER IS PRESENT (WASHING OF VEHICLES). MANUAL THREE POSITION SWITCH FOR: AUTO MODE, SYSTEM OFF & SYSTEM RUN OVERRIDE. LED “OPERATING” LIGHT.

AUTOMATIC ACTIVATION SWITCHES: (SEE ENCLOSURES) PHOTO ELECTRIC EYES ACTIVATE SYSTEM UPON VEHICLE MOVEMENT (OUTDOOR RANGES OF UP TO 200’) AND MAGNETIC DOOR SWITCHES (ONE PER OVERHEAD DOOR).

INSTALLATION: (OPTIONAL, NOT INCLUDED WITHIN PROPOSAL) PLEASE ASK YOUR SALES REP FOR ESTIMATES AND INSTALLATION INFORMATION.



The World Leader In Engine Exhaust Removal Systems for the Fire and EMS Industry

PRICE QUOTATION

Chief Brandon Harrill
Rutherfordton Fire and Rescue
144 N. Mitchell St,
Rutherfordton, NC 28139

DATE: 6/9/2022
PHONE: (828) 287-7367
FAX:
bharrill@rutherfordton.net

DESCRIPTION	QUANTITY	UNIT COST	TOTALS
AIRVAC 911® EXHAUST REMOVAL SYSTEM - Single Ph. 115V	5	\$4,040.00	\$20,200.00
AIRVAC 911® FILTER PACK (4-Stage Filter Pack, "Main Filters")	5	\$445.00	\$2,225.00
AIRVAC 911® FILTER GAUGE (Min. one per building section)	1	\$135.00	\$135.00
UL 508A CERTIFIED CONTROL PANEL - AVEC-6C/T2	1	\$1,450.00	\$1,450.00
ACTIVATION PACKAGE - PB030TK 200' PHOTO EYE (set) & N505AUTM/STX01 TRACK MOUNTED DOOR SWITCH	2	\$280.00	\$560.00
	8	\$50.00	\$400.00
PREFILTERS (12 Per Box/Change date est. indicated below)	1	\$115.00	\$115.00
*ESTIMATED SHIPPING AND HANDLING	5	\$295.00	\$1,475.00
			\$26,560.00

**Non-Schedule Item"

MADE IN THE USA

- ◆ *FREIGHT: FOB Origin,* ◆ **TERMS: 1/2 Payment with the order & final payment prior to release.** ◆ *Lead-Time 10 to 16 weeks.*
- ◆ Buyer is responsible for obtaining all permits, permit fees, State/local licensing fees and applicable taxes related to the purchase of product, shipping and installation or must provide all necessary tax-exempt certificates; state, local and/or county to Air Vacuum Corporation. ◆ *Please contact your sales rep for installation information and pricing.* ◆ Governmental Purchases please consult your sales rep for GSA price list.

The AIRVAC 911™ System is Provided With a FIVE YEAR WARRANTY On ALL Components (excluding consumable filters)

NO DIAGRAM AVAILABLE AT THIS TIME. PLEASE CONSULT YOUR SALES REPRESENTATIVE FOR RECOMMENDED AIRVAC 911 UNIT LOCATIONS

[Approximate Filter Life Expectancy](#)

Prefilters 2-4 months, Main filters 12 to 24 months.

This quotation has been prepared By: Thomas J. Vitko Date: 6/9/2022
Quotation Prices are valid for 90 calendar days from quotation date.



Project: Rutherfordton Fire Dept

Date: June 10, 2022

Re: Roof Painting System – 144 N Mitchell St. Rutherfordton, NC

Proposal Number: 22-545

This proposal includes all labor, materials, and equipment to complete the installation of roof painting system:

- Standing Seam Metal Roof & Flashing Surfaces – Approximately 13,000 sqft
- Gutters & Downspouts & front facing metal will also be coated with the roof

NOTE: *This is a budgetary proposal to “paint” your metal roof and other surfaces. There is a difference between a waterproof roof coating system and painting a roof. We perform both scopes of work, but per your request, we will perform a few minor waterproofing activities and then just paint the roof. I have looked at your roof from street view photos as well as satellite imagery. It is in good shape and there is zero reason to replace the metal. I am providing pricing on a standard acrylic coating system and then a more premium fluoropolymer coating system. The type of factory baked on coating that your roof came with was likely Kynar which is a specialty fluoropolymer coating. Fluoropolymer coatings hold color for a very long time and are excellent options, but they do come with a steep price tag.*

Scope of Work:

- Power wash entire roof using 3500 PSI and environmentally friendly cleaners to remove contaminants and build up from the surface. The wash detergent will be applied at a minimum of 500 square feet per gallon. This ensures a clean surface so that the coatings can gain proper adhesion. Remove trash and debris from the roofs and dispose of in on-site receptacles.
- Remove all ponding water and allow roof surface to dry.
- Areas of failing sealant will be removed. Minor waterproofing activities will be performed such as tightening loose fasteners or replacing, using One Flash urethane sealant materials on open gaps/flashings, and ensuring flashing is properly installed. *This is not a full waterproofing project that would come with a warranty, so the waterproofing will not be extensive.*
- Rusted surfaces of metal will be prepared to SSPC SP3 Power Tooling Standards by the Steel Rating Council. This will ensure that these areas are sound and ready to receive coatings.
- All metal surfaces will receive **one full coat** of primer. If a traditional acrylic system is being used we will prime with an adhesive bonding primer such as SW DTM Bonding or XIM UMA Bonding. If the premium fluoropolymer coating is chosen, we will use GAF Acrylex 400. Either primer will be installed at a rate of 200-250 sqft per gallon. Areas of rust will be spot primed with rust inhibitive coatings prior to the full coat of bonding primer.

- Finish Coatings – Either product will be applied by sprayer and **two full coats** will be applied at the rate specified by the manufacturer.
 - Basic Acrylic System: PPG Pittech EDF or SW Shercryl – each coat will go down at 250 sqft per gallon.
 - Premium Kymax Fluoropolymer System: Kymax will be applied at a total rate of 100 sqft per gallon between two coats.
- Clean up and remove all debris as needed.
- The roof will receive a 1 Year Contractor Warranty from CCI – labor & materials. This is not a waterproof warranty, but a workmanship quality warranty against peeling, etc.

PRICING: *includes all labor, materials, sundries, inspections, and 1 Year Custom Coatings Inc Warranty*

- Acrylic System Price: \$22,300.00 (Initial _____)
- Kymax Fluoropolymer System Price: \$42,300.00 (Initial _____)

** If interested I could provide a proposal to install a Waterproof Roof Coating System made by Astec. This system would come with a full 10-15 Year Material & Labor Warranty against leaks, peeling, etc. It would cool your building since it is a “cool roof coating”. However, it would be white in color. Approximate cost is \$39,000.00

Custom Coatings Inc. has been in business for thirty-one years and is nationally recognized as a “Peak Performer” and as “Contractor of the Year” from our various roof coatings suppliers. I am confident we can install this system and provide you with an excellent roof coating system that will stop the leaks and improve the performance of your roof dramatically and for many years to come. Thank you and please contact me with any questions at (828) 326-0953.

Patrick Stilwell

ACCEPTED BY: _____ DATE: _____

Payment terms: *50% Billed at start of project; remainder billed at full completion. Invoices due NET 15 days. This proposal is valid for 45 days due to extreme volatility in raw material pricing.*

