

MINIMUM SPECIFICATIONS AND BID FORMS
FOR

HVAC AND REFRIGERATION SYSTEMS
INSPECTION, TESTING & MAINTENANCE

FOR
CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS

OFFICE OF THE CLERK
CATTARAUGUS COUNTY LEGISLATURE
303 Court Street
Little Valley, NY 14755

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CATTARAUGUS COUNTY

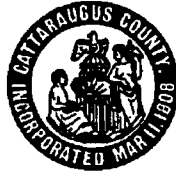
DEPARTMENT OF PUBLIC WORKS

Development – Progress – Workmanship

*Joseph T. Pillittere
Commissioner*

*Ryan J. Ferguson
Deputy Commissioner*

*Mark C. Burr, P.E.
Director of Engineering*



*Jack Ellis Drive
8810 Route 242
Little Valley, New York 14755
Phone (716) 938-9121
FAX (716) 938-2753*

ADVERTISEMENT FOR BIDS

Sealed bids for the purchase of certain materials, equipment, and/or services, for the Cattaraugus County Department of Public Works, according to specifications, will be received by the undersigned, at the Department of Public Works Facility, 8810 Route 242, Little Valley, New York, until **Monday, March 13, 2017 at 1:45 P.M.** after which they will be publicly opened at **2:00 P.M.** (at the *same location*), by the undersigned, under the direction of the Public Works Committee of the Cattaraugus County Legislature. Each bid, at the time it is received, will be stamped showing the date and time of receipt.

ALL BIDS MUST BE SEALED AND CLEARLY MARKED:

Any bid not clearly marked will not be considered.

DPW BID #31 - HVAC & Refrigeration Maintenance (REBID)

Bidding sheets and instructions may be obtained online at www.cattco.org/bid-request, or at the Cattaraugus County Department of Public Works, 8810 Route 242, Little Valley, NY, 14755. Phone Dawn Smith at 938-9121, ext. 2465

All bids must be sent or delivered to Cattaraugus County Department of Public Works, 8810 Route 242, Little Valley, NY 14755, Attention Dawn Smith.

All bids received are subject to all federal and state controls concerning any such equipment, materials and/or services.

All bids must be accompanied by a NON-COLLUSIVE BIDDING CERTIFICATE. Any bid submitted without such certification will not be accepted. Any bid not meeting ALL specifications will not be considered. The County Legislature reserves the right to reject any or all bids, to waive any informalities, and to accept the lowest responsible bid.

Jack Searles
County Administrator
County Center - 303 Court Street
Little Valley, New York 14755

INSTRUCTIONS TO BIDDERS

1. BID BOND

Bid bond or certified check for Five Hundred dollars (\$500.00) must be submitted with the bid, the undersigned agrees that the bid security may be retained by the County until contracts have been signed and Performance Bonds have been delivered to the County. Should the successful bidder to whom the bid awarded fail to execute the agreement submitted by the County in accordance with the formal bid and other contract documents and to furnish the required performance bond within fourteen (14) calendar days after the notice of award, the certified check or the bid bond amount shall be forfeited to the County as liquidated damages caused by such failure.

2. PERFORMANCE BOND

The successful bidder or bidders shall, within two weeks after notice of the award, enter into a contract with Cattaraugus County and furnish a performance bond running to the County of Cattaraugus in the amount of FIVE THOUSAND DOLLARS (\$5,000), in a format acceptable to the Cattaraugus County Attorney.

3. BID FORM

Bid shall be submitted on these Cattaraugus County bid forms or bid will not be considered. Bid must be typed or printed in ink. Original autograph signatures in ink are required. Facsimile or rubber stamp signatures will not be accepted. All blanks must be filled in with required information or, if a bid item, the designation N/B (no bid).

4. CHANGES

Any change in wording or interlineation by a bidder of the inquiry as published by Cattaraugus County shall be reason to reject the proposal of such bidder, or in the event that such change in the Invitation to Bid is not discovered prior to entering into a contract, to void any contract entered into pursuant to such bid.

5. INFORMALITIES

The County may consider informal any bid not prepared and submitted in accordance with the provisions hereof and may waive any informalities or reject any and all bids. The contract award will be made to the responsible bidder submitting the lowest acceptable bid. Conditional bids will not be accepted.

6. BID TIME

Any bid may be withdrawn prior to the above scheduled time for the opening of bids, or authorized postponement thereof. Any bid received after the time specified shall not be considered.

7. INVESTIGATIONS

The County may make such investigations as it deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the County all such information and data for this purpose as the County may request. The County reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the County that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein.

8. BID ENVELOPE

Each bid must be submitted in a sealed envelope clearly marked as to contents therein, bearing on the outside the name and address of the bidder. If sent by mail, the sealed envelope containing the bid must be enclosed in another envelope labeled as specified.

9. NON-COLLUSIVE CERTIFICATION

Non-collusive bidding certification shall be made by each bidder in the form provided and shall be submitted as a part of the bid. Bids submitted without non-collusive bidding certification will be considered irregular and may be rejected by the County.

10. CONTRACT AWARD

Contract(s) or purchase order(s) will be awarded after due consideration of the suitability of goods and/or services bid to satisfy these specifications, the total cost of such goods and/or services including all cost elements, and the timeliness of the agreed delivery date.

11. REFERENCES

A list of references, including at least one reference located in Western New York, for whom the bidder has done work in the past must accompany the bid.

12. EXECUTORY CLAUSE

This executory clause shall be a part of any agreement entered into pursuant to this bid:

It is understood by the parties that this agreement shall be executory only to the extent of the monies available to the County of Cattaraugus and appropriated therefor, and no liability on account thereof shall be incurred by the County beyond the monies available and appropriated for the purpose thereof.

13. DELIVERY SCHEDULE

Failure to meet delivery schedule as per accepted bid may result in legal action by Cattaraugus County to recover damages.

14. PRICES

Prices shall be quoted F.O.B. destination, delivered inside and installed, or as otherwise specified in these specifications. "Tailgate delivery" will not be accepted unless specified by the County.

15. TRANSPORTATION CHARGES

Collect transportation charges will not be paid by the County. All freight, cartage, rigging, postage or other transportation charges shall be prepaid, unless otherwise stated in the Detailed Specifications herein.

16. TAXES

No taxes are to be billed to the County. Bid shall not include any Federal, State, or local excise, sales, transportation, or other tax unless Federal or State law specifically levies such tax on purchases made by a political subdivision. Any applicable taxes from which the County is not exempt shall be listed separately as cost elements, and added into the total net bid.

17. COMPLIANCE WITH LAWS

The successful bidder shall comply with all laws, rules, regulations and ordinances of the Federal Government, the State of New York and any other political subdivision or regulatory body which may apply to its performance under this contract.

HAZARD COMMUNICATION. In complying with the above laws, rules and regulations, and pursuant to 12 NYCRR Part 820 and Section 876 of the Labor Law, it is the responsibility of the County to provide the successful bidder with the following information:

- (a) the material safety data sheets (MSDS) for any hazardous chemicals to which employees may be exposed will be made available,
- (b) the telephone numbers of plant personnel who are to be contacted in the event of a chemical spill or accident, and,
- (c) emergency procedures in the event of a fire or spill.

MATERIAL SAFETY DATA SHEETS. The successful bidder shall be responsible for the provision of the MSDSs to the County prior to introducing hazardous materials onto the site, assuring compliance before work is started, and disseminating any information to County employees concerning significant chemical hazards that the successful bidder is bringing to the County's workplace. The MSDSs will be obtained from the successful bidder for all hazardous materials prior to bringing the materials on the site. These MSDSs will be maintained by the County as long as those materials are present. It is the responsibility of the successful bidder to train its own employees.

18. DISCRIMINATION

The successful bidder agrees:

- (a) that in the hiring of employees for the performance of work under this contract or any subcontract hereunder, no contractor, subcontractor, nor any person acting on behalf of such contractor or subcontractor, shall by reason of race, creed, color, sex or national origin discriminate against any citizen of the State of New York who is qualified and available to perform the work to which the employment relates;
- (b) that no contractor, subcontractor, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee hired for the performance of work under this contract on account of race, creed, color, sex or national origin;
- (c) that there may be deducted from the amount payable to the contractor by Cattaraugus County under this contract a penalty of fifty dollars for each person for each calendar day during which such person was discriminated against or intimidated in violation of the provisions of the contract;
- (d) that this contract may be canceled or terminated by Cattaraugus County and all monies due or to become due hereunder may be forfeited, for a second or any subsequent violation of the terms or conditions of this section of the contract; and
- (e) the aforesaid provisions of this section covering every contract for or on behalf of Cattaraugus County for the manufacture, sale or distribution of materials, equipment or supplies shall be limited to operations performed within the territorial limits of the State of New York.

(N.Y. State Labor Law Article 8 Section 220-e)

19. CONTRACT ASSIGNMENTS

The bidder shall not assign, transfer, sublet, or otherwise dispose of this contract, or of its right, title or interest in the contract, or its power to execute the same, to any other person or corporation without the previous consent, in writing, of the Chairman of the Cattaraugus County Legislature.

20. CASH DISCOUNT

Any cash discount which is a part of a bid will be considered as a reduction in the bid prices in determining the award of the bid. Date of invoice must not precede date of delivery. The County policy is to pay all claims in a timely manner within the specified time. However, if for some reason payment is delayed, the County will take the discount when payment is made. If this is unsatisfactory, please quote net. The County will not pay any interest charges.

21. MANUFACTURERS

Where required on an individual bid sheet the bidder must specify the trade name of the material on which the price is quoted.

22. ALTERNATE MANUFACTURERS

Bid offering material other than that of specified manufacturer or trade name will be considered unless stated otherwise. The use of the name of a particular manufacturer, trade name, or brand in describing an item does not restrict a bidder to that manufacturer or specific article. However, the substituted article on which a proposal is submitted must be of such character or quality that it would serve the purpose for which it is to be used equally as well as the manufacturer or brand specified. Proposals will be accepted in accordance with specifications on file or approved equal.

23. ALTERNATE ITEMS

If material or services other than those specified in this bid document are offered, the bidder must so state and furnish at the time of bid opening, if so requested, and as part of his bid the following information in duplicate:

- (a) Complete description of the item offered, and detailed explanation of the differences between the item specified and the item offered. If, in the opinion of the Department Head, sufficient detail is not presented as a part of the sealed bid to permit definite evaluation of any substitute item, the bid will not be considered.
- (b) Descriptive literature of item offered, for evaluation.
- (c) List of installations in Cattaraugus County of the item offered.
- (d) List of other installations.

24. ADDITIONAL INFORMATION

Any additional information which bidder desires to add to the bid shall be written on a separate sheet of paper, attached to and submitted with the formal sealed bid, to be read at the formal opening.

25. WORKMANSHIP

Workmanship must meet with the approval of the department head or heads involved, and shall be first class in every respect without exception and shall be equal to the best modern practices. Materials furnished are to be new and unused. All materials furnished or work performed are to be guaranteed free from defects. Anything found defective or not meeting specifications, no matter in what state of completion may be rejected and shall be made good by the contractor at his own expense.

26. HOLD HARMLESS

The successful bidder to whom the bid is awarded shall

indemnify and hold harmless Cattaraugus County and its agents and employees from and against all claims, damages, losses or causes of action arising out of or resulting from such vendor's performance pursuant to this bid.

27. BID VALIDITY

This bid is firm and irrevocable for a period of 45 days from the date and time of the bid opening. If a contract is not awarded within the 45 day period, a bidder to whom the bid has not been awarded, may withdraw his bid by serving written notice of his intention to do so upon the Clerk of the County Legislature. Upon withdrawal of the bid pursuant to this paragraph, the County will forthwith return the bidder's security deposit.

28. CONTRACT INTEREST

No official, or employee of the County, who is authorized in such capacity, and on behalf of the County, to negotiate, make, accept or approve or to take part in negotiating, making, accepting, or approving this contract shall become directly or indirectly interested personally in this contract or in any part hereof. No officer or employee of, or for the County, who is authorized in such capacity, and on behalf of the County, to exercise any supervisory, administrative, or other function, in connection with this contract, shall become directly or indirectly interested personally in this contract or any part hereof.

29. OTHER CUSTOMERS

Prices charged to Cattaraugus County are to be no higher than those offered to any other governmental or commercial consumer. If a bidder has a New York State or a Federal GSA contract for any of the items covered in this bid or any similar items, he shall so indicate that he has said contract on these bid papers and supply a copy of this contract within 5 days if so requested by the County.

30. PRICE IS FIRM

The unit prices bid shall remain firm, and any other charges bid shall also remain firm, for delivery of the equipment, material, work, or services described in this bid with the exception of the asphalt, diesel fuel, kerosene and gasoline bids, which are permitted escalator prices in accordance with the detailed specifications for those products. No cost increase shall be charged for any reason whatsoever.

31. BIDDER AFFIRMATION

In executing this bid, the bidder affirms that all of the requirements of the specifications are understood and accepted by the bidder, and that the prices quoted include all required materials and services. The undersigned has checked all of the bid figures, and understands that the County will not be responsible for any errors or omissions on the part of the

undersigned in preparing this bid. Mistakes or errors in the estimates, calculations or preparation of the bid shall not be grounds for the withdrawal or correction of the bid or bid security. In case of error in extension of prices in the bid, the unit price will govern.

32. LITIGATION:

In the event any litigation shall arise from this contract, the laws of the State of New York shall control any litigation, regardless of which party shall institute such action.

33. TERMINATION:

The County may terminate the contract immediately in the event the Contractor fails to comply with any terms of the contract. The contract may be terminated at any time by either party upon the giving of thirty (30) days written notice to the other party; however, in the event the Contractor defaults in the performance of any of its obligations under this contract, the County may terminate the contract effective upon written notice at any time.

34. INSURANCE

The (Contractor, Vendor, Etc.) shall secure and maintain, at its own cost and expense, insurance coverage specified in Appendix (A) attached hereto, complying with Classification "(selected on form)", with insurance companies licensed in the State of New York. Cattaraugus County must be named as an additional insured for purposes of coverage, but not for payment of premium. The (Contractor, Vendor, Etc.) shall file a certificate of insurance with the Cattaraugus County Risk Manager covering all acts performed by the (Contractor, Vendor, Etc.) prior to performing pursuant to this Agreement or receiving any payment thereunder and shall be responsible for updating the certificate as necessary throughout the term of the Agreement. All certificates of insurance shall provide that Cattaraugus County be given thirty (30) days' notice prior to non-renewal or cancellation of these policies. **Certificate of Insurance shall be furnished by the bidder within five (5) days of the "Intent to Award" and prior to signing of contract.** Failure to supply a satisfactory certificate within five (5) days after the "Intent to Award" may result in the cancellation of award and for the forfeiture of the Contractor's bid security, in the sole discretion of the County.

35. STATE CONTRACTS:

The County reserves the right to purchase the commodity being bid, from State Contract when it is most beneficial to the

County to do so.

36. WAGE RATES

Construction, reconstruction, or repair contracts for public works facilities are subject to minimum wage rates, as established by the State of New York Department of Labor. The successful bidder on any contract for public works to which the provisions of the New York State Labor Law Article 8 apply agrees that:

- (a) No laborer, workman or mechanic in the employ of the contractor, subcontractor or other person doing or contracting to do the whole or part of the work contemplated by the contract shall be permitted or required to work more than eight hours in any one calendar day or more than five days in any one week except in cases of extraordinary emergency including fire, flood or danger to life or property. (Section 220, subd. 2, N.Y. State Labor Law)
- (b) Each laborer, workman, or mechanic employed by the contractor, subcontractor or other person doing or contracting to do the whole or part of the work contemplated by the contract shall be paid not less than the hourly minimum rate of wage and provided supplements not less than the prevailing supplements as designated by the New York State Industrial Commission.

(Section 220, subd. 3, N.Y. State Labor Law)

A schedule of prevailing hourly wage rates is attached to this packet.

37. MUNICIPAL EXTENSION:

The contract if awarded will be to the lowest responsive/responsible bidder(s) in part or in whole who meet(s) all the terms of the specifications. The County guarantees no minimum or maximum purchases or contracts as a result of award of this bid. Cattaraugus County reserves the right to allow all municipal and not for profit organizations authorized under the General Municipal Laws of the State of New York, to purchase any goods (materials and equipment) and/or services awarded as a result of this bid in accordance with the latest amendments to NYS GML 100 through 104 and County Law Section 408-a. However, it is understood that the extension of such contracts are at the discretion of the vendor and the vendor is only bound to the contract between Cattaraugus County and the vendor.

SPECIFICATIONS FOR

HVAC AND REFRIGERATION SYSTEMS
INSPECTION, TESTING & MAINTENANCE

GENERAL

1. SCOPE OF THE SPECIFICATIONS.

The purpose of these specifications is to provide routine HVAC (Heating, Ventilation, and Air Conditioning) and refrigeration inspection, testing and maintenance for Cattaraugus County, which includes; Department of Public Works facility, Dept. of Social Services Building, and the County Center Building and Jail, in Little Valley, the Cattaraugus County Building at 1 Leo Moss Drive, Olean, The Pines Healthcare & Rehabilitation Centers, (former County Nursing Homes) in Olean and Machias, and the Stone House in Machias (next to the Pines Healthcare & Rehabilitation - Machias) for the County of Cattaraugus, located in New York State. **ALL INSPECTIONS, TESTING AND MAINTENANCE SHALL BE DONE ACCORDING TO THE STANDARDS OF THE INDUSTRY.**

2. TERMS OF THE CONTRACT.

The contract shall be effective for a FOUR YEAR term (two, 2 year periods) beginning **January 1, 2017.**

3. DOCUMENTS FORMING THE CONTRACT.

The contract shall be deemed to include the Notice to Bidders, Instructions to Bidders, Specification Bid Sheet, Legal Status Sheet and Non-Collusive Bid Certification.

4. The contract will be awarded in two parts. All items in Part A will be awarded to one contractor that submits the lowest "TOTAL OF ALL SITES" (for the four (4) years) bid for Basic Service which includes the inspecting, testing, and maintenance of HVAC and refrigeration systems, per the specifications of Cattaraugus County **PLUS** 180 hours per year times the Hourly Rate. Part B is for Pines Healthcare and Rehab Center Machias and will be awarded separately from Part A, based on lowest price bid for either "TOTAL SERVICE" OR "BASIC SERVICE **PLUS** 180 Hours per year times Hourly Rate" at the county's discretion.

5. The County will NOT PAY additional service or delivery charges such as FUEL SURCHARGES.

6. BIDDER'S QUALIFICATIONS.

- A) Bidder must be skilled and experienced in the class of work proposed and shall be required to furnish evidence of financial ability and of similar work satisfactorily completed.
- B) The bidder shall also be required to show evidence of sufficient machinery and equipment to do the work called for in these specifications within the specified time.
- C) The bidder must have a qualified service facility in a location which will insure the County of having available rapid, efficient service within four (4) hours of notification.
- D) The bidder must have available from his facility at least one (1) mobile shop equipped with all necessary supplies and equipment to make inspection, repairs, and necessary testing of HVAC & refrigeration equipment.
- E) The bidder shall be a qualified HVAC and refrigeration company with full understanding of all HVAC & refrigeration standards and regulations of this work.
- F) The bidder shall maintain a central supply stock of normal parts and testing and inspection equipment at his main facility to enable him to supply at least 90% of his repair parts directly from that facility without further parts order.
- G) Bidder must have been in business under the same business name for at least a five (5) year period preceding the date of bid, to insure stability of service to Cattaraugus County.
- H) The bidder shall use only skilled, competent, trained HVAC & refrigeration personnel having a minimum experience of five (5) years in maintaining HVAC & refrigeration systems similar to those in this specification.
- I) The information requested in this section shall be presented with the bid.
- J) Failure to supply such information as requested shall be considered sufficient grounds to reject the bid.

BASIC SERVICE SPECIFICATIONS

7. GENERAL.

The work required under these specifications will be for testing, inspection and the maintenance of HVAC & refrigeration systems in buildings owned by the County of Cattaraugus. The successful bidder shall inspect and maintain the HVAC & refrigeration needs in county buildings at satisfactory levels and in accordance with applicable rules and regulations of **relative local, state, federal, OSHA, DEC and EPA laws. Any and all fines or judgments will be born by the contractor.** Further, it is intended that the supplies used shall at all times meet, or exceed, the manufacturer's specifications and those of the local and State laws. Installations shall be approved by the Commissioner of Cattaraugus County DPW and/or the department head, when completed.

8. PROVISIONS OF RECORDS.

Records of work performed shall be submitted to the County Maintenance Supervisor, identifying what work was done and which building the work was performed in. Statement of work performed to be printed or typed so as to be legible to all persons.

9. MATERIALS TO BE USED.

Only materials that meet UL Listings and are manufacture approved as substitute shall be used in performing the work described in these specifications. Parts and components shall be functionally equal and/or of better quality and performance than the existing or original equipment.

10. FAILURE TO MEET SPECIFICATIONS.

If there is any deviation from these specifications or failure to perform the conditions of the contract to be entered into, the County of Cattaraugus reserves the right to terminate the contract upon ten (10) days written notice of the breach and failure on the part of the bidder to correct the same.

11. EXCEPTIONS.

Maintenance under this contract does not include the repair or replacement of equipment, at the successful bidder's expense, which has otherwise become defective from damage caused by accidents, physical abuse or misuse of the equipment, act of God, or by fires. Such work will be performed as required at the quoted hourly rate in bid for the specific work involved. **ALL ADDITIONAL WORK NOT COVERED BY THIS MAINTENANCE AGREEMENT SHALL BE APPROVED BY THE COUNTY MAINTENANCE SUPERVISOR. A WRITTEN ESTIMATE OF THE COST SHALL BE SUBMITTED TO THE MAINTENANCE SUPERVISOR.**

12. COMMUNICATIONS.

All communications for visits other than scheduled routine visits regarding HVAC & refrigeration testing, inspection, and maintenance shall be with the successful bidder or his designated representative. Calls for such work will be by the County Maintenance Supervisor.

13. BUILDINGS AND GROUNDS COVERED UNDER CONTRACTS.

The bidder shall agree, if requested and a contract is entered into, to provide HVAC & refrigeration inspection, testing and maintenance for the various County buildings which include; the County Center Building and Jail, Dept. of Social Services building, and the Dept. of Public Works facility at Little Valley, the County building located at 1Leo Moss Drive, Olean New York, The Pines Healthcare & Rehabilitation Centers, at Olean and Machias, Stonehouse at Machias, at the unit prices quoted in this bid and will adhere to these specifications.

14. VISITATION OF COUNTY FACILITIES:

Each bidder is required to visit each County facility under this contract to totally familiarize himself/herself with the equipment involved in the inspection, testing and maintenance. The prices submitted are to reflect charges to inspect, test and maintain each particular system. Appointments for visiting facilities must be made with maintenance supervisor at each facility.

Phone numbers are: AREA CODE: **716**

COUNTY CENTER BLDG. 938-2202
303 COURT ST., LITTLE VALLEY, NY

CATTARAUGUS CO. DPW 938-2202
8810 ROUTE 242, LITTLE VALLEY, NY

COUNTY BLDG. - OLEAN 373-8010 ext. 3230
1 LEO MOSS DRIVE., OLEAN, NY

SOCIAL SERVICE BLDG. 938-2202
200 ERIE ST., LITTLE VALLEY, NY

THE PINES HEALTHCARE & REHABILITATION CENTER MACHIAS 353-8516 ext. 4610
ROUTE 16, MACHIAS, NY

THE PINES HEALTHCARE & REHABILITATION CENTER OLEAN 373-1910 ext. 4426
2245 W. STATE ST., OLEAN, NY

RADIO TOWERS 498-3247
VARIOUS LOCATIONS THROUGHOUT COUNTY

THE STONE HOUSE 353-8516 ext. 4610
ROUTE 16, MACHIAS, NY

15. It should be understood and noted that the County will be performing various departmental operational functions during the prosecution of any work required by this contract to be performed. The successful bidder is to make all necessary provisions as to make interruptions to any department as infrequent as possible. It also is to be understood that during a trouble condition with any said systems covered by this document, repair shall be made in a maximum four (4) hours response turn around.
16. A list of references with company names, addresses, and contact person, for contracted work of similar size and scope of work shall be included with the submittal of this bid.
17. **Each bidder** is to submit with his/her bid, a 3-ring binder, or equivalent, highlighting in detail a "custom" designed maintenance program for all HVAC & refrigeration equipment in the various county buildings listed herein. It shall include all testing and inspection, all preventive maintenance, on a semi-annual basis.

SCOPE OF WORK:

SUCCESSFUL BIDDER SHALL:

- A) Provide, furnish, install, and maintain, an ongoing guaranteed comprehensive heating, ventilating, and air conditioning maintenances well as refrigeration, inspection and testing program. The program administration, monitoring, and updating shall be the complete responsibility of the successful bidder. Said program shall be based upon equipment manufacturer's recommendations, application type, run time, and other relevant parameters. The bidder shall inform the County of the program's progress and all cumulated results by detailed service reports, to be generated after each service visit or call. Reports shall be reviewed with the County's Building Maintenance Supervisor for approval.
- 1) Be responsible for giving immediate notice to the Maintenance Supervisor of the facility of any condition which he/she discovers that may present a hazard to either the equipment or well-being of maintenance personnel

TESTING FOR:

EXCESSIVE VIBRATION; MOTOR WINDING RESISTANCE; REFRIGERANT CHARGE; FAN RPM; REFRIGERANT OIL (ACID); WATER CONDITION; FLUE GAS ANALYSIS; SAFE CONTROLS; COMBUSTION AND DRAFT; CRANKCASE HEATERS; CONTROL SYSTEM(S); ETC.

INSPECTION FOR:

WORN, FAILED OR DOUBTFUL PARTS; MOUNTINGS; DRIVE COUPLING; OIL LEVEL; ROTATION; SOOT; FLAME COMPOSITION AND SHAPE; PILOT AND IGNITOR; STEAM, WATER, OIL AND/OR REFRIGERANT LEAKS, ETC.

PREVENTIVE MAINTENANCE:

1. THE COUNTY BUILDINGS LISTED IN THESE SPECIFICATIONS SHALL HAVE **"SEASONAL"** MAINTENANCE (heating season & cooling season) THAT INCLUDE EVERYTHING LISTED BELOW UNDER "SEASONAL ACTIVITIES" PLUS THE "ANNUAL ACTIVITIES" (WHICH SHALL BE ACCOMPLISHED ONCE A YEAR). **"HEATING SEASON MAINTENANCE SHALL BE PERFORMED DURING THE PERIOD OF SEPTEMBER 15TH to NOVEMBER, 15TH and THE COOLING SEASON MAINTENANCE SHALL BE PERFORMED DURING THE MONTHS OF APRIL or MAY" "ONLY."** THE REFRIGERATION SHALL FOLLOW THE SAME SCHEDULE.
2. THE COUNTY WILL PROVIDE THEIR OWN AIR FILTERS (ONLY THE AIR FILTERS). THE SUCCESSFUL BIDDER SHALL PROVIDE ALL OTHER FILTERS.

SEASONAL ACTIVITIES SHALL INCLUDE: (heating season & cooling season)

CLEANING: COIL SURFACES, FAN IMPELLERS & BLADES, ELECTRICAL CONTACTS, ETC.
ALIGNING: BELT DRIVES, DRIVE COUPLINGS, AIR FINS.
CALIBRATE: SAFETY & TEMPERATURE CONTROLS
TIGHTENING: ELECTRICAL CONNECTIONS, MOUNTING BOLTS, FITTINGS, ETC.
ADJUSTING: BELT TENSION, REFRIGERANT SET POINTS FOR CONTROLS & LIMITS.
LUBRICATE: MOTORS, FAN & DAMPER BEARINGS, LINKAGES, ETC.
PAINTING: AS REQUIRED FOR CORROSION CONTROL.
FILTERS: ALL FILTERS. (COUNTY WILL PROVIDE ALL AIR FILTERS, **HOWEVER**, THE SUCCESSFUL BIDDER SHALL DO THE INSTALLATION OF FILTERS AS PART OF THE "PREVENTIVE MAINTENANCE").

ANNUAL ACTIVITIES TO INCLUDE:

- A) COIL CLEANING & BELT REPLACEMENT (Belts to be provided by successful bidder). The used belts, ones that have been replaced, are to be given to the building supervisor).
- B) Be responsible for the removal and disposal of all parts, filters, etc. that have been replaced.
- C) Protect all areas where work is being performed, and be liable for any damage to same. Protection shall be given to all exposed equipment by means of ventilated plastic or canvas overlays, including hardware, cabinets, equipment furniture, etc. Successful bidder is responsible for restoring all protected (or unprotected) items to their original condition of cleanliness and operation).
- D) Perform test and inspection; including all job labor, travel, required to visually inspect and test equipment. This to determine operating condition and efficiency.
- E) Perform all preventive maintenance; including all job labor, travel, required to clean, align, calibrate, tighten, adjust, lubricate and paint equipment. Painting is for extending equipment life.
- F) Respond to all trouble calls; with a 24 hour, seven days a week phone number for unscheduled work resulting from an abnormal condition.

- G) Maintain all utilities systems operational during working hours. All shut downs must be performed and scheduled with the approval of County maintenance personnel.

ADDITIONAL CONDITIONS:

- A) All service performed will be covered by a service report and signed by County Maintenance Supervisor or designated representative.
- B) **A list of HVAC and refrigeration equipment is attached, however it is MANDATORY, IN ORDER TO BID the HVAC & refrigeration maintenance agreement, that each bidder visit each building and familiarize itself with ALL listed equipment.**
- C) 48 HOUR NOTIFICATION IS TO BE GIVEN TO THE BUILDING SUPERVISOR OF EACH BUILDING BEFORE SERVICE VISITATION.

NOTE:>> The attached lists of equipment has a place for each building maintenance supervisor or other authorized person to sign indicating that the bidder has visited the building and equipment. The lists with signatures and other required information is to be submitted with bid.) ALL U&S SERVICE CONTROLS ARE EXCLUDED FROM THIS MAINTENANCE AGREEMENT.

NOTE:>> ALL PARTS/MATERIALS THAT ARE USED FOR REPAIRS ON THE SPECIFIED EQUIPMENT, THAT ARE NOT COVERED UNDER THIS AGREEMENT WILL BE PAID FOR AT "**COST PLUS 15% MARKUP**". A COMPLETE BREAK DOWN AND EXPLANATION OF WORK, HOURS, AND PROOF OF COST OF PARTS TO CONTRACTOR MUST BE SUBMITTED WITH VOUCHER FOR PAYMENT. **THE CONTRACTOR IS NOT RESPONSIBLE TO PROVIDE, AT HIS/HER EXPENSE, ANY REPAIR PARTS OTHER THAN THE BELTS AND FILTERS MENTIONED ON THE PRECEDING PAGE. ALL OTHER PARTS AND MAINTENANCE ARE ON A "TIME AND MATERIALS" BASIS.**

NOTE:>> DURING THE TERM OF THIS CONTRACT, THE MAINTENANCE SUPERVISOR MAY AUTHORIZE THE CONTRACTOR TO USE OVERTIME IN ORDER TO EXPEDITE MAJOR REPAIRS. THIS AUTHORIZATION WILL BE GRANTED ONLY IN THOSE INSTANCES WHERE THE MAINTENANCE SUPERVISOR HAS MADE THE DETERMINATION THAT SUCH ACTION IS IN THE BEST INTEREST OF THE COUNTY. OVERTIME WILL BE PAID AT "TIME AND A HALF" RATE BASED ON THE HOURLY RATE STATED ON THE BID FORM.

NEW FOR 2012: **THE HVAC and OTHER EQUIPMENT AT THE CATTARAUGUS COUNTY DPW BUILDING, 8810 Route 242 MAY BE UNDER WARRANTY. PLEASE CHECK BEFORE PERFORMING ANY WORK ON THE FOLLOWING:**

MUA1	Aaon, Inc.	RN009-3-0-0000-369	2 nd Level Roof - Sign Shop
MUA2	Aaon, Inc.	RN015-3-0-0000-369	2 nd Level Roof - Parts Room
MUA3	Aaon, Inc.	RN026-3-0-0000-309	3 rd Level Roof - Fab Shop
MUA4	Aaon, Inc.	RN004-3-B-0000-339	3 rd Level Roof - Carpenter Shop
MUA10	Aaon, Inc.	RN009-8-A-0000-3G9	Wash Bay Roof - Wash Area
Extra Fab Fan	Twin City	BCRU-300-B	3 rd Level Roof - Fab Shop
Boiler1	OA Smith	BTH 250A 970	Mech. Room Domestic Water

THE HVAC and OTHER EQUIPMENT AT THE CATTARAUGUS COUNTY BUILDING & JAIL, 303 COURT ST. MAY BE UNDER WARRANTY. PLEASE CHECK BEFORE PERFORMING ANY WORK ON THE FOLLOWING:

AERCO	Benchmark 1500	Hydronic System Boilers - Mech. Rm.
AERCO	Inovation 1060	Domestic Hot Water Boilers - Mech. Rm.

THE HVAC and OTHER EQUIPMENT AT THE CATTARAUGUS COUNTY OFFICE BUILDING, 1 LEO MOSS DRIVE. MAY BE UNDER WARRANTY. PLEASE CHECK BEFORE PERFORMING ANY WORK ON THE FOLLOWING:

YORK HVAC UNITS	ZJ Series, 240	R-410A	Roof Top
PAYNE	2614X72641	Coil Cabinet Room 144,	Condenser, Roof Room 209

THE HVAC and OTHER EQUIPMENT AT THE THE PINES HEALTHCARE – OLEAN CAMPUS. MAY BE UNDER WARRANTY. PLEASE CHECK BEFORE PERFORMING ANY WORK ON THE FOLLOWING:

ICE-O-MATIC	Ice Machine	Kitchen
ICE-O-MATIC	Ice Machine	B-Wing

THE HVAC and OTHER EQUIPMENT AT THE RADIO TOWERS – VARIOUS LOCATIONS. MAY BE UNDER WARRANTY. PLEASE CHECK BEFORE PERFORMING WORK ON ANY HVAC UNITS.

NOTE: By signing the bid form and submitting a bid, the vendor acknowledges that they have read, understand and agree to all aspects of this document as presented. Conditional bids will not be accepted.

TOTAL SERVICE PLAN

FOR THE PINES HEALTHCARE AND REHAB CENTER – MACHIAS CAMPUS

PART I: MAINTENANCE PROGRAM

This preventive maintenance program is designed to provide the Owner with an ongoing maintenance program. The program will be initiated, scheduled, administered, monitored and updated by the Contractor. The service activities will be directed and scheduled, on a regular basis, by a comprehensive equipment maintenance scheduling system based on manufacturers' recommendations, equipment location, application, type, run time, and Contractor's own experience. The Owner shall be informed of the program's progress and results on a continuing basis via detailed service reports, presented after each service call for Owner's review, approval signature and record.

SECTION A: PREVENTIVE MAINTENANCE

CONTRACTOR WILL PROVIDE THE FOLLOWING PROFESSIONAL MAINTENANCE SERVICES FOR THE BUILDING ENVIRONMENTAL MECHANICAL SYSTEM(S) COMPRISED OF THE EQUIPMENT LISTED (INVENTORY OF EQUIPMENT):

TEST AND INSPECT: Job labor, travel labor and travel and living expenses required to visually INSPECT and TEST equipment to determine its operating condition and efficiency. Typical activities include:

1. TESTING for excessive vibration; motor winding resistance; refrigerant charge; fan RPM; refrigerant oil (acid); water condition; flue gas analysis; safety controls; combustion and draft; crankcase heaters; control system(s), etc.
2. INSPECTING for worn, failed or doubtful parts; mountings; drive couplings; oil level; rotation; soot; flame composition and shape; pilot and igniter; steam, water, oil and/or refrigerant leaks, etc.

PREVENTIVE MAINTENANCE: Job labor, travel labor and travel and living expenses required to clean, align, calibrate, tighten, adjust, lubricate and paint equipment. These activities are intended to extend equipment life and assure proper operating condition and efficiency. Typical activities include:

1. CLEANING coil surfaces; fan impellers and blades; electrical contacts; burner orifices; passages and nozzles; pilot and igniter; cooling tower baffles, basin, sump and float; chiller; condenser and boiler tubes, etc.
2. ALIGNING belt drives; drive couplings; air fins, etc.
3. CALIBRATING safety controls; temperature and pressure controls, etc.
4. TIGHTENING electrical connections; mounting bolts; pipe clamps; refrigerant piping fittings; damper sections, etc.
5. ADJUSTING belt tension; refrigerant charge; super heat; fan RPM; water chemical feed and feed rate; burner fuel/air ratios; gas pressure; set point of controls and limits; compressor cylinder unloaders; damper close-off; sump floats, etc.
6. LUBRICATING motors; fan and damper bearings; valve stems; damper linkages; fan vane linkages, etc.
7. PAINTING, for corrosion control, on an as needed basis.
8. AIR FILTER service shall be performed on a quarterly basis and includes replacement using high-efficiency pleated filters.

SECTION B – REPAIR AND REPLACEMENT LABOR

(Note: This section is included in the annual agreement price and will be provided in writing as part of the bidding process.)

1. **REPAIR AND REPLACE:** Contractor will provide the written costs for job labor, travel labor, parts procurement labor which includes locating, ordering, expediting and transporting. Also includes travel and living expenses equipment required to repair or remove and replace broken, worn and/or doubtful components and/or parts.
2. **TROUBLE CALLS:** Job and travel labor, including overtime, plus travel and living expenses required for unscheduled work resulting from an abnormal condition. These costs shall be provided to the owner and will also include holiday rates if applicable. In the event of an emergency, a guaranteed response time of two hours is requested. Non-emergencies require a maximum four-hour response time.

SECTION C – COMPONENTS PARTS AND SUPPLIES

(Note: This section is included in the annual agreement price)

1. **COMPONENTS, PARTS AND SUPPLIES:** the cost of COMPONENTS, PARTS AND SUPPLIES required to keep the equipment operating properly and efficiently. There will be no additional charges for any parts, materials or components outside the fixed agreement amount.
2. **NONMOVING, NONMAINTAINABLE PARTS:** Repair parts include, but are not limited to, heat exchangers, coils, boiler shell and tubes, and cabinets.

SECTION D - FULL MAINTENANCE AGREEMENT INTENTION

THE INTENTION OF THIS MAINTENANCE AGREEMENT IS TO PROVIDE THE CONTRACTOR WITH A 100% OPERATING BUDGET NEUTRAL PROGRAM. THERE WILL BE NO EXCEPTION FOR ADDITIONAL CHARGES OUTSIDE OF THE FIXED YEARLY CONTRACT PRICE OFFERED UNDER THIS SERVICE.

**BID FORMS OMITTED FROM
SPECIFICATION BOOKS**

TO OBTAIN BID FORMS PLEASE CONTACT

DAWN SMITH AT 716-938-9121 EXT. 2465

OR SEND EMAIL REQUEST TO:

dasmith@cattco.org

APPENDIX "A"
COUNTY OF CATTARAUGUS STANDARD INSURANCE REQUIREMENTS

The insurance companies providing these coverages acknowledge that the Named Insured is entering into a contract with the County of Cattaraugus in which the Named Insured agrees to defend, hold harmless, and indemnify the County, its officials, employees, and agents against all claims resulting from work performed, material handled, and services rendered. In some circumstances it will be necessary to require alternate coverage and limits which will be defined in the bid specifications, contract, lease or agreement. The alternate coverage and limits should be evidenced on the certificate in lieu of the standards printed below.

Minimum Coverage Limits are as Follows:

	A	C	Ca	D	F	G	Ga
	Construction & Maintenance	Professional	Low Risk Professional	Property Leased to Others or Use of Facilities	Livery	All Purpose Public Entity, Concessionaire	Low Risk All Purpose Public Entity
* ** COMMERCIAL GENERAL LIABILITY	\$2,000,000 Agg. \$1,000,000 Occ.	\$2,000,000 Agg. \$1,000,000 Occ.	\$1,000,000 Agg. \$ 500,000 Occ.	\$2,000,000 Agg. \$1,000,000 Occ.	\$2,000,000 Agg. \$1,000,000 Occ.	\$2,000,000 Agg. \$1,000,000 Occ.	\$1,000,000 Agg. \$ 500,000 Occ.
Pretn. - Ops.	Include	Include	Include	Include	Include	Include	Include
Prods. - Compl. Ops.	Include	Include	Include	Include	Include	Include	Include
Indep. Contractor	Include	Include	Include	Include	Include	Include	Include
Contractual	Include	Include	Include	Include	Include	Include	Include
BF Property Damage	Include			Include			
X,C,U	Include						
Personal Injury	Include	Include	Include	Include	Include	Include	Include
Liquor Law				Include			
Host Liquor				Include			
** AUTO LIABILITY	\$1,000,000 CSL	\$1,000,000 CSL	\$1,000,000 CSL	\$1,000,000 CSL	\$1,000,000 CSL	\$1,000,000 CSL	\$1,000,000 CSL
Owned	Include	Include	Include	Include	Include	Include	Include
Hired	Include	Include	Include	Include	Include	Include	Include
Non-Owned	Include	Include	Include	Include	Include	Include	Include
* ** EXCESS LIABILITY	\$3,000,000	\$1,000,000		\$1,000,000	\$3,000,000	\$1,000,000	
WORKERS' COMP.	Statutory or Proof of Exemption	Statutory or Proof of Exemption	Statutory or Proof of Exemption	Statutory or Proof of Exemption	Statutory or Proof of Exemption	Statutory or Proof of Exemption	Statutory or Proof of Exemption
EMPLOYER'S LIABILITY	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
*** PROFESSIONAL LIAB.		\$3,000,000 Agg. \$1,000,000 Occ.	\$1,000,000 Agg. \$ 500,000 Occ.				

* The Comprehensive/Commercial General Liability limits can be met by one or more policies, or in combination with an Excess and/or Umbrella Liability policy. The COI must indicate if the coverage trigger in an 'Occurrence' form or a 'Claims-made' form.
 All 'Claims-made' policies shall continue to provide evidence of coverage three (3) years after completion of work or product delivery.
 ** Cattaraugus County MUST be named as Additional Insured for all acts of Named Insured pursuant to this contract.
 *** Professional Liability policies are not required to have the County as Additional Insured
 Each policy, as allowed by law, shall be endorsed stating that the contractor's insurers agree to waive any rights of subrogation against the County of Cattaraugus because of payments for any injury or damages arising out of work performed under this contract.

The following statement must be subscribed by the bidder and affirmed by such bidder as true, under the penalties of perjury.
Pursuant to Section 103-d of the General Municipal Law.

NON-COLLUSIVE BIDDING CERTIFICATION

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;

Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor, and

No attempt has been made or will be made by the bidder to induce any other person, partnership, or corporation to submit or not to submit a bid for the purpose of restricting competition.

(For use of individual bidder)

IN WITNESS WHEREOF, I, _____, doing business under the style and name of _____ at _____ have hereunto subscribed my name under the penalties of perjury at _____ on this ____ day of _____, 20 ____.

d/b/a _____

(For use of partnership bidder)

IN WITNESS WHEREOF, this non-collusive bidding certification has been subscribed, under the penalties of perjury, at _____ on this ____ day of _____, 20 ____, by _____, one of the partners or co-partners of the partnership composed of _____ and _____ doing business under the style, partnership, and firm name of _____ at _____.

Partnership Name
By _____
Co-Partner

(For use of corporate bidder)

RESOLVED, that _____ (name of corporation) be authorized to sign and submit the bid or proposal of this corporation for the following project _____ and to include in such bid or proposal the certificate as to non-collusion required by Section 103-d of the General Municipal Law as the act and deed of such corporation, and for any inaccuracies or misstatements in such certificate, this corporate bidder shall be liable, under the penalties of perjury.

The foregoing is a true and correct copy of the Resolution adopted by _____ Corporation at a meeting of its board of directors held on the ____ day of _____, 20 ____.

Dated at _____ on this ____ day of _____, 20 ____.

(SEAL OF THE CORPORATION)

Secretary

Name of Bidder

By _____
Title

LEGAL STATUS INFORMATION

To facilitate correct drawing and execution of contract, bidder shall supply full information concerning legal status:

FIRM NAME: _____

Federal ID No.: _____

PRINCIPAL OFFICE:

Street _____

City, State, Zip _____

Telephone (____) _____ Fax (____) _____

LOCAL OFFICE:

Street _____

City, State, Zip _____

Telephone (____) _____ Fax (____) _____

CONTRACT TO BE SENT TO: Principal Office _____ Local Office _____

CHECK ONE: Corporation _____ Partnership _____ Individual _____

(Incorporated under the Laws of the State of _____)

(If foreign corporation, state if authorized to do business in the State of New York:

Yes _____ No _____ Not Applicable _____)

TRADE NAMES: _____

NAMES AND ADDRESSES OF PARTNERS:

NAME, TITLE, AND ADDRESS OF PERSON AUTHORIZED TO SIGN CONTRACT ON BEHALF OF BIDDER:

Name: _____

Title: _____

Address: _____

PLEASE TYPE OR PRINT

BID FOR PERFORMANCE OF CONTRACT WITH
CATTARAUGUS COUNTY LEGISLATURE
LITTLE VALLEY, NEW YORK

TO: Cattaraugus County Legislature, Little Valley, New York, herein after called the County.

The undersigned, desiring to interpose a bid to provide services for **HVAC & REFRIGERATION SYSTEMS INSPECTION, TESTING & MAINTENANCE**, for Cattaraugus County Department of Public Works, does hereby accept all terms, conditions, and agreements contained and set forth in the, Minimum Specifications, Non-Collusive Bidding Certification, Legal Status Information and Bid for Performance of Contract with Cattaraugus County Legislature and does hereby certify, agree and propose as follows:

The undersigned declares that he/she has examined all of the attached documents, and hereby proposes and agrees that, if this bid is accepted, he/she will contract with the County, such contract incorporating the provisions of the documents attached hereto, to furnish all the materials and services and do all the work specified in the attached documents in the manner and time herein specified and according to the requirements as herein set forth, and to take in full payment therefore the bid prices set forth on the preceding specification sheets.

If this proposal is accepted by the County and the undersigned fails to contract as aforesaid, within ten days (not including Sunday) from the date of notice from the County to him/her, then the County may at its option, determine that the bidder has abandoned his/her right to enter into the contract and thereupon the bid and acceptance shall be null and void.

The full name and residences of all persons and parties interested in the foregoing bid as principals are as follows: (Individuals or partnership bids only)

INDIVIDUAL, PARTNERSHIP OR CORPORATE USE

The undersigned certifies, under penalty of perjury, that he is fully authorized to sign this bid.

Name and Address of Bidder:

Authorized Signature and Title:

Signature

Title

Date

Pursuant to State Finance Law §165-a, the Commissioner of General Services is required to develop a list of persons it determines engage in investment activities in Iran, which is defined as provision of goods, services or credit of \$20,000,000 or more, relating to the energy sector.

General Municipal Law §103-g(4) states as follows:

Every bid or proposal hereafter made to a political subdivision of the state or any public department, agency or official thereof where competitive bidding is required by statute, rule, regulation or local law, for work or service performed or to be performed or goods sold or to be sold, shall contain the following statement subscribed by the bidder and affirmed by such bidder as true under penalties of perjury.

The below signed bidder affirms the following as true under penalties of perjury:

“By submission of this bid, the bidder identified herein and each person signing on behalf of the bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and behalf that this bidder is not on the list created pursuant to paragraph (b) of subdivision 3 of Section 165-a of the state finance law.”

Corporate or Company Name

By: _____

Signature

Title

Sworn to before me this

____ day of _____, 20 ____

Notary Public

PREVAILING WAGE SCHEDULE

FOR ARTICLE 8 – HVAC MAINTENANCE CONTRACT

Location: Cattaraugus County

Project Type: HVAC and Refrigeration Systems Inspection, Testing & Maintenance
PRC#: 2016010662

Effective dates of schedule provided by NYS DOL: July 2016 through June 2017.

A unique Prevailing Wage Case Number (PRC#) has been assigned to the schedule(s) for this project.

The current schedule(s) of the prevailing rates and prevailing hourly supplements for the project referenced above may be accessed at the New York State Department of Labor website @ <http://wpp.labor.state.ny.us/wpp/showFindProject.do?method=showIt>. Updated PDF copies of your schedule can be accessed by entering the assigned PRC# at the proper location on the website.

For policy or rate questions call the NYS Department of Labor in Buffalo at (716) 847-7159. If you do not have internet access, you may contact the Cattaraugus County DPW, **Dawn Smith** at (716) 938-2465 to request a copy of the prevailing rate schedule provided for this project.

LIST OF EQUIPMENT FOR HVAC MAINTENANCE

DPW FACILITY

8810 ROUTE 242, LITTLE VALLEY

Revised 9/16

ROOF TOP UNITS & PAINT BOOTH HEATING UNITS

<u>DPW NUMBER:</u>	<u>MAKE:</u>	<u>MODEL:</u>	<u>LOCATION:</u>
DUHUM	MCQUAY	RPS030CLA	1 ST LEVEL ROOF FOR BASEMENT
RTU 1	LENNOX	GCS24-653-78-1G	1 ST LEVEL ROOF - PROC. - DEPUTY COMM.
RTU 2	LENNOX	LGA102SH1G	1 ST LEVEL ROOF - COMM. & CONF. RM
RTU 3	LENNOX	LGA102SH1G	1 ST LEVEL ROOF - TRAINING & HALL
RTU 4	LENNOX	LGA120SH1G	1 ST LEVEL ROOF - ENGINEERING
RTU 5	LENNOX	GCS24-813-130-2G	1 ST LEVEL ROOF - LUNCH ROOM
MUA 1	AAON***	RN-009-3-0-0000-369	2 ND LEVEL ROOF - SIGN SHOP
MUA 2	AAON**	RN-015-3-0-0000-369	2 ND LEVEL ROOF - PARTS ROOM
MUA 3	AAON***	RN-026-3-0-0000-369	3 RD LEVEL ROOF - FAB. SHOP
MUA 4	AAON***	RN-004-3-B-0000-339	3 RD LEVEL ROOF - CARPENTER SHOP
MUA 5	MODINE	MR122CA003126J	3 RD LEVEL ROOF - SOUTHEAST CORNER
MUA 6	MODINE	MR122CA003126J	3 RD LEVEL ROOF - SOUTHWEST CORNER
MUA 7	MODINE	MR122CA003126J	3 RD LEVEL ROOF - NORTHEAST CORNER
MUA 8	MODINE	MR122CA003126J	3 RD LEVEL ROOF - NORTHWEST CORNER
PAINT BOOTH	TITAN	30NG VRH	PAD OUT BACK BEHIND SHOP
MUA 10	AAON***	RN-009-8-A-0000-3G9	WASH BAY ROOF - WASH AREA

** - NEW IN 2014
 *** - NEW IN 2016

DPW EXHAUST FANS & FUME EXTRACTORS

<u>DPW NUMBER:</u>	<u>MAKE:</u>	<u>MODEL:</u>	<u>LOCATION:</u>
EF 1	CARNES	VEDK10F4A1NA20SPC1	1 ST LEVEL ROOF
EF 2	CARNES	VEBK12K3A1NA20SPC1	1 ST LEVEL ROOF
EF 3	CARNES	VEDK06F3A1NA20SPC1	1 ST LEVEL ROOF
EF 4	CARNES	VEDK08F3A1NA20SPC1	1 ST LEVEL ROOF
EF 5	CARNES	VEDK08F3A1NA20SPC1	1 ST LEVEL ROOF
EF 31	CARNES	VEDK06F3A1NA20SPC1	1 ST LEVEL ROOF
EF 32	CARNES	VEDK08F3A1NA20SPC1	1 ST LEVEL ROOF
EF 6	CARNES	VEBK12K2A1NA20SPC1	2 ND LEVEL ROOF
EF 7	CARNES	VEBK10K1A1NA20SPC1	2 ND LEVEL ROOF
EF 8	CARNES	VEBK21L1A1NA20SPC1	2 ND LEVEL ROOF
EF 12	CARNES	VEBK08K2A1NA20SPC1	2 ND LEVEL ROOF
EF 13	CARNES	VEBK10K2A1NA20SPC1	2 ND LEVEL ROOF
EF 14	CARNES	VEBK10K2A1NA20SPC1	2 ND LEVEL ROOF
EF 15	CARNES	VEBK12K3A6NA20SPC9	3 RD LEVEL ROOF

DPW NUMBER:	MAKE:	MODEL:	LOCATION:
EF 16	CARNES	VEBK21M1A1NA20SPC1	3 RD LEVEL ROOF
EF 17	CARNES	VEBK21M1A1NA20SPC1	3 RD LEVEL ROOF
EF 18	CARNES	VEBK36R1G1NA20SPC1	3 RD LEVEL ROOF
EF 19	CARNES	VEBK36R1G1NA20SPC1	3 RD LEVEL ROOF
EF 20	CARNES	VEBK36R1G1NA20SPC1	3 RD LEVEL ROOF
EF 21	CARNES	VEBK36R1G1NA20SPC1	3 RD LEVEL ROOF
EF 22	CARNES	VEBK36R1G1NA20SPC1	3 RD LEVEL ROOF
EF 23	CARNES	VEBK24P1A1NA20SPC1	3 RD LEVEL ROOF
EF 24	CARNES	VEBK30R1G1NA20SPC1	3 RD LEVEL ROOF
EF 25	CARNES	VEBK30R1G1NA20SPC1	3 RD LEVEL ROOF
EF 26	CARNES	VEEK08****NA20SPC9	3 RD LEVEL ROOF
EF 27	CARNES	VEBK12K3A1NA20SPC1	3 RD LEVEL ROOF
EXTRA FAB. FAN	TWIN CITY***	BCRU-300-B	3 RD LEVEL ROOF - FAB. SHOP
PAINT BOOTH EXH.	DAYTON	3KW40A	MAINT BAY OVER PAINT BOOTH
EF 34	CARNES	VEDK06F3A1NA20SPC1	WASH BAY ROOF - MECHANICAL ROOM
EF 35	CARNES	VEBK15L1A1NA20SPC1	WASH BAY ROOF - WASH AREA
FUME EXTRACTOR			FAB. SHOP CEILING MOUNTED
FUME EXTRACTOR			FAB. SHOP CEILING MOUNTED
FUME EXTRACTOR			MACHINE SHOP
FUME EXTRACTOR			MAINTENANCE BAY CEILING MOUNTED
FUME EXTRACTOR	GREENHECK *	SB-330-15	FAB SHOP ROOF MOUNTED

* - NEW IN 2006

*** - NEW IN 2016

DPW RADIANT HEATERS (11)

DPW NUMBER:	MAKE:	MODEL:	LOCATION:
IR 1	AMBI RAD	ER 29-50	MAINTENANCE BAY CEILING - EAST
IR 2	AMBI RAD	ER 24-60	MAINTENANCE BAY CEILING
IR 3	AMBI RAD	ER 24-60	MAINTENANCE BAY CEILING
IR 4	AMBI RAD	ER 24-60	MAINTENANCE BAY CEILING
IR 5	AMBI RAD	ER 24-60	MAINTENANCE BAY CEILING
IR 6	AMBI RAD	ER 24-60	MAINTENANCE BAY CEILING
IR 7	AMBI RAD	ER 24-60	MAINTENANCE BAY CEILING
IR 8	AMBI RAD	ER 24-60	MAINTENANCE BAY CEILING
IR 9	AMBI RAD	ER 12-20	MAINTENANCE BAY CEILING
IR 10	AMBI RAD	ER 12-20	MAINTENANCE BAY CEILING
IR 11	AMBI RAD	ER 12-20	MAINTENANCE BAY CEILING - WEST

DPW UNIT HEATERS (6)

<u>DPW NUMBER:</u>	<u>MAKE:</u>	<u>LOCATION:</u>
UH 1	DUNHAM BUSH	MECHANICAL ROOM
UH 2	DUNHAM BUSH	ELECTRICAL ROOM
UH 3	DUNHAM BUSH	OIL STORAGE ROOM
UH 4	DUNHAM BUSH	PAINT MIXING ROOM
UH 5	DUNHAM BUSH	AIR COMPRESSOR ROOM
UH 6	MODINE	WASH BAY MECHANICAL ROOM

DPW BOILERS (2)

<u>DPW NUMBER:</u>	<u>MAKE:</u>	<u>MODEL:</u>	<u>LOCATION:</u>
BOILER 1	O A SMITH	BTH 250A 970	MECH. ROOM DOMESTIC WATER
BOILER 2	WEIL MCLAIN	PFG8PIN	MECH. ROOM CIRCULATION HOT WATER

DPW PUMPS (3)

<u>DPW NUMBER:</u>	<u>MAKE:</u>	<u>MODEL:</u>	<u>LOCATION:</u>
PUMP 1	BALDOR		MECH. ROOM - CIRCULATION HOT WATER
PUMP 2	BALDOR		MECH. ROOM - CIRCULATION HOT WATER
PUMP 3	ARMSTRONG	LH32 BF	MECH. ROOM DOMESTIC WATER

DPW CABINET HEATERS (7)

<u>DPW NUMBER:</u>	<u>MAKE:</u>	<u>LOCATION:</u>
CH 1	DUNHAM BUSH	MAIN ENTRANCE
CH 2	DUNHAM BUSH	WEST HALLWAY ENTRANCE
CH 3	DUNHAM BUSH	WEST INNER STAIRWELL UPPER
CH 4	DUNHAM BUSH	WEST INNER STAIRWELL LOWER
CH 5	DUNHAM BUSH	BASEMENT UPPER STAIRWELL
CH 6	DUNHAM BUSH	BASEMENT LOWER STAIRWELL
CH 7	DUNHAM BUSH	EAST HALLWAY ENTRANCE

Building Maintenance Supervisor _____ (Signature)
 (or other authorized person)

SOCIAL SERVICES BUILDING

200 ERIE STREET, LITTLE VALLEY

<u>QUANTITY:</u>	<u>MAKE:</u>	<u>MODEL:</u>	<u>TYPE/LOCATION:</u>
1	GREENHECK	SP-7	EXHAUST FAN, WOMEN'S ROOM
1	GREENHECK	SP-7	EXHAUST FAN, MEN'S ROOM
1	GREENHECK	SP-224	EXHAUST FAN, 2 ND FLOOR,
1	MODINE	PV-30	UNIT HEATER, BASEMENT
3	QMARK	AWH-3204-2	UNIT HEATERS, LOBBY
14	TRANE	VARI-TRAC	BYPASS DAMPER, ON 2 FLOOR
1	RTU 1	LENNOX	ROOF TOP
1	RTU 2	LENNOX	ROOF TOP
1		LENNOX	UNIT HEATERS, BASEMENT

COUNTY CENTER BLDG. & JAIL

303 COURT STREET, LITTLE VALLEY

<u>QUANTITY:</u>	<u>MAKE:</u>	<u>MODEL:</u>	<u>TYPE/LOCATION:</u>
1	NESBITT	CEILING	AIR HANDLER UNIT #2 – TREASURER'S OFFICE
1	NESBITT	HORIZONTAL	AIR HANDLER UNIT #SA2 - CIVIL DEFENSE
1	NESBITT	HORIZONTAL	AIR HANDLER UNIT #3 - PENT HOUSE
1	NESBITT	CW6-HW1	AIR HANDLER UNIT #4 - PENT HOUSE
1	NESBITT		AIR HANDLER UNIT #5 - PENT HOUSE
2	Patterson - Kelley, Modu. Fire	N2000 - MED	HOT WATER BOILERS - BOILER RM.
2	BELL - GOSSETT	06680322-100	RE-CIRCULATING PUMP #1 - BOILER ROOM
4	BELL - GOSSETT	R336	CIRCULATING PUMP #2 - BOILER ROOM
1	REZNOR	W578/110	UNIT HEATER - BOILER ROOM
1	REZNOR	16734	EXHAUST FAN - BOILER ROOM
1	DEVILBISS		AIR COMPRESSOR - BOILER ROOM
1	SPEEDAIRE	32529A	REFRIGERATED AIR DRYER - BOILER RM.
9	REED-THERMAL		UNIT HEATERS - VARIOUS LOCATIONS
ALL	TEMP. CONTROLS		THROUGHOUT BUILDING
7			DUCT VENTILATORS - VARIOUS LOCATIONS
4	AERCO	BENCHMARK 1500	HYDRONIC SYSTEM BOILERS - MECH. RM.
4	US ELECTRIC	SERIES 80	INLINE RETURN PUMPS - P/K BOILERS
2	BELL & GOSSETT	SERIES 1500	BASEMOUNT CIRCULAT. PUMPS- MECH. RM.
2	BELL & GOSSETT	SERIES 1500	PUMPS - MECH. ROOM

QUANTITY:	MAKE:	MODEL:	TYPE/LOCATION:
2	POWER EX		TANK AIR COMPRESSORS - JAIL SECURITY
1	SPEEDAIRE		REFRIGERATED AIR DRYER - JAIL SECUR.
1	HONEYWELL		DUAL TANK AIR COMPRESSOR- MECH. RM.
1	SPEEDAIRE		REFRIGERATED AIR DRYER- MECH. RM.
1	YORK	CS 217	AIR HANDLER UNIT #1 - MECH. RM.
1	YORK	CS 74	AIR HANDLER UNIT #2 - MECH. RM.
1	YORK	CS 270	AIR HANDLER UNIT #3 - MECH. RM.
1	YORK	CS 74	AIR HANDLER UNIT #4 - MECH. RM.
1	YORK	CS 336	AIR HANDLER UNIT #5 - MECH. RM.
1	YORK	CS 156	AIR HANDLER UNIT #6 - MAINT. RM.
2	AERCO	INNOVATION 1060	DOMESTIC HOT WATER BOILER - MECH. RM.
2	BELL & GOSSETT		DOMESTIC HW RETURN PUMPS - MECH. RM.
1	Q D T	TP120-30	HEAT RECOVERY - MECH. RM.
1	Q D T	RP120-50	HEAT RECOVERY -MECH. RM.
1	MARKEL	H-F	DUCT HEATER - IN DUCTS
21	KRUEGER	LMH-S	VAV BOXES - VARIOUS LOCATIONS
1	SANYO	CL2432A	A/C SPLITS - RADIO ROOM
1	mitsubishi	DME027E	A/C SPLITS - RADIO ROOM + Control & Visitation
7	REED THERMAL	28ER9	UNIT HEATERS - VARIOUS LOCATIONS
4	REED THERMAL	CR-2	CABINET HEATERS - VARIOUS LOCATIONS
1	GREENHECK	33TCF	EXHAUST FAN - EX 1
1	GREENHECK	44TCF	EXHAUST FAN - EX 2
1	GREENHECK	BCF210	EXHAUST FAN - EX 6
1	GREENHECK	36TCF	EXHAUST FAN - EX 10
1	GREENHECK	GWB21	EXHAUST FAN - EX 4
4	GREENHECK	GB120	EXHAUST FAN - EX 3, 5, 7, 8
1	LIEBERT	PFH037APL7	JAIL COMPUTER EQUIPMENT ROOM
2	EMI	RCB48C2B	A/C SPLIT
Refrigeration			
1	KRAMER Thermobank	KS 3/4 M12	JAIL KITCHEN (Walk-in cooler)
1	KRAMER Thermobank	MSG110	JAIL KITCHEN (Walk-in freezer)

Signature for both Social Services Bldg. & County Center Bldg.

Building Maintenance Supervisor _____
(or other authorized person)

(Signature)

COUNTY OFFICE BUILDING

1 LEO MOSS DRIVE, OLEAN

QUANTITY:	MAKE:	MODEL:	TYPE/LOCATION:
4	YORK HVAC UNITS	ZJ Series, 240 R-410A	ROOF TOP (NEW IN FALL OF 2008)
4	YORK HVAC UNITS	ZJ Series, 210 R-410A	ROOF TOP (NEW IN FALL OF 2008)
6	YORK HVAC UNITS	ZJ Series, 180 R-410A	ROOF TOP (NEW IN FALL OF 2008)
ALL	V.V.T. CONTROLS, ZONE THERMOSTATS & (SEE NEXT COLUMN)	ASSOCIATED HDWRE FOR ROOF TOP UNITS LISTED ABOVE.	THROUGHOUT BUILDING. (INCLUDES AS LISTED BELOW)
1	AMANA	RCB 36C2B	COIL CABINET, CONDENSER, ROOF ROOM 209
1	PAYNE	2614X72641	COIL CABINET ROOM 144, CONDENSER, ROOF
1	BERNER	MK1-2-72E	AIR CURTAIN SYS. - MAIN ENTRANCE DOOR
8	GREENHECK	GB	1/4 HP EXHAUST FAN - ROOF MOUNTED
1	GREENHECK	GB	1/2 HP EXHAUST FAN - ROOF MOUNTED
123	CARRIER	ZD	ROUND ZONE DAMPERS
1	B. D. P.	517GN042	EVAPORATOR - LAB.
1	MITSUBISHI	PUHY-P96YJMV-A	8 TON AIR COOLED HEAT PUMP - ROOF
1	MITSUBISHI	PEFY-P24NMAU-E	2 TON CONCEALED DUCTED INDOOR UNIT
2	MITSUBISHI	PEFY-P30NBMU-E	2.5 TON CEILING RECESSED UNITS - ROOM 226

Building Maintenance Supervisor _____
(or other authorized person)

(Signature)

THE PINE HEALTHCARE & REHABILITATION CENTER

2245 WEST STATE STREET, OLEAN

<u>QUANTITY:</u>	<u>MAKE:</u>	<u>MODEL:</u>	<u>TYPE/LOCATION:</u>
1	TRANE	RTAA080	CHILLER - PAD
2	BELL & GOSSETT	R-344-8	PUMP - GARAGE
4	MODINE	M-125	UNIT HEATER - GARAGE
1	LANDIS & GYR	G2T16	AIR COMP. - L. M. ROOM
1	MCQUAY	AGZ055BSS12-ERII	CHILLER - D-ROOF
1	TRANE	UNK	AIR HANDLER - D-P.H.
1	BALDOOR	M321ST	PUMP - D-P.H.
1	MODINE	WSG125	MAKE-UP AIR UNIT - ROOF
1	GREENHECK	KSU115	KITCHEN EXH - ROOF
1	CARRIER	50DP012	PACKAGED RTU - ROOF
3	TRANE	RAS-78B	CONDENSER - A, B, C
3	TRANE	T-8	AIR HANDLER - A, B, C
3	MCQUAY	CAH008GDAC	AIR HANDLER - A, B, C, PENTHOUSES
3	MARATHON	UNK	EXHAUST BOOSTER - A, B, C
2	WEIL MCLAIN	1288	BOILER - MECH ROOM
2	A. O. SMITH	36666	WATER HEATER - MECH ROOM
2	ARMSTRONG	816549	PUMP - MECH ROOM
3	TRANE	S-CU	UNIT HEATER - A, B, C -P.H.16
16	CARNES	VARIOUS	EXHAUST FAN - ROOF
77	TRANE	UNI-TRANE	FAN COIL UNITS - ROOMS
1	SANGORN	G-650B60V	AIR COMPRESSOR - GARAGE
1	POWERFLAME	C3-GO-25	POWERBURNER
2	DURAMAX		BOILER
12	GREENHECK	GB180	EF
2	MODINE		MAU
1	TRANE		RTU1
3	TRANE		SPL - SPLIT SYSTEMS
1	DUNHAM	H-175-C	UNIT HEATER SHOP
1	MODINE	M125	UNIT HEATER RECEIVING
1	TRANE	42 WF	UNIT HEATER KITCHEN
1	DUNHAM	H-125-C	UNIT HEATER KITCHEN STORE ROOM
1	MODINE	M125	UNIT HEATER - SUUPLY ROOM

THE PINE HEALTHCARE & REHABILITATION CENTER

2245 WEST STATE STREET, OLEAN

CONTINUED:

QUANTITY:	MAKE:	MODEL:	TYPE/LOCATION:
3	B&G		CIRCULATION PUMPS - A, B & C WINGS
3	INNOVENT	ERU-SS-PL-3400-208	HEAT EXCHANGE UNITS
Refrigeration			
1	GLOEKLER WALK-IN COOLER	Meatcraft Evap. ADT 090 AJ GLOEKLER CONDENSER	KITCHEN (Behind Bldg.)
1	PENN WALK-IN COOLER	Meatcraft Evap. ADT 140 AJ Meatcraft Cond. MOH 010 D73 CFT	KITCHEN (Behind Bldg)
1	WALK IN FREEZER	Meatcraft Evap. No Tag Meatcraft Cond. MOS 027 I63 CF	KITCHEN (Behind Bldg)
1	HOBART REACH-IN COOLER	QE2	KITCHEN
1	VICTORY ROLLING COOLER	ACRS-10-S7-STS	KITCHEN
1	TRUE FREEZER	T-72F	KITCHEN STORE ROOM
1	ICE-O-MATIC ICE MACHINE		KITCHEN
1	ICE-O-MATIC ICE MACHINE		B-WING

Building Maintenance Supervisor _____
(or other authorized person)

(Signature)

THE NEW PINE HEALTHCARE & REHABILITATION CENTER

Route 16, Machias, NY

QUANTITY:	MAKE:	MODEL:	TYPE/LOCATION:
2	TRANE	FCCB0201D	Fan Coil Air Conditioners/(FC-121, FC-129)
3	TRANE	FCCB0301D	Fan Coil Air Conditioners/(FC-004, FC-105, FC-205)
13	TRANE	FCCB0401D	Fan Coil Air Conditioners/ (FC-002, -006, -007, -009, -109, -123, -124, -209, -216, -219, -222, -225, -226)
14	TRANE	FCCB0601D	Fan Coil Air Cond/ (FC-001, -103, -108, -110, -111, -114, -119, -126, -203, -208, -210, -211, -215, -224)
19	TRANE	FCCB0801D	Fan Coil Air Cond/ (FC-003, -005, -008, -101, -102, -104, -106, -107, -120, -127, -201, -202, -204, -206, -207, -214, -217, -220, -223)
8	TRANE	FCCB1001D	Fan Coil Air Conditioners/(FC-112, -113, -116, -118, -128, -212, -213, -228)
1	TRANE	FCCB0201C	Fan Coil Air Conditioners/ (FC-125)
2	TRANE	FCCB0301C	Fan Coil Air Conditioners/ (FC-134, -233)
4	TRANE	FCCB0401C	Fan Coil Air Conditioners/ (FC-117, -122, -138, -236)
8	TRANE	FCCB0601C	Fan Coil Air Conditioners/ (FC-132, -137, -139, -218, -221, -231, -235, -237)
11	TRANE	FCCB0801C	Fan Coil Air Conditioners/ (FC-115, -130, -131, -133, -135, -136, -229, -230, -232, -234, -238)
1	TRANE	FCCB1001C	Fan Coil Air Conditioners/ (FC-227)
2	TRANE	UHSA168S8EAA1T00B0000	HYDRONIC UNIT HEATERS (UH-001, UH-002)
2	TRANE	UHSA060S8EAA1T00B0000	HYDRONIC UNIT HEATERS (UH-003, UH-006)
1	TRANE	UHSA230W2EAA1T00B0000	HYDRONIC UNIT HEATER (UH-004)
1	TRANE	UHSA168S8EAA1T00B0000	HYDRONIC UNIT HEATER (UH-005)
2	TRANE	GPND015ADF	Indirect Fired Gas Heating Units/indoor (GUH-1, -2)
1	BUFFALO AIR HANDLING	020143-03	ROOF TOP UNIT (AHU-3)
2	BUFFALO AIR HANDLING	020143-01 & 02	ROOF TOP UNIT (AHU-1, -2)
4	PATTERSON KELLEY	N-1200-IRI	THERMIFIC HOT WATER BOILERS
1	FULTON	ICS-30-15	LOW PRESSURE STEAM BOILER
1	BALTIMORE AIRCOIL	VTL272-P	COOLING TOWER
2	BELL & GOSSETT	5E SERIES 1510	CENTRIFUGAL PUMPS (CP-1, CP-2)
2	BELL & GOSSETT	SERIES 80	CENTRIFUGAL PUMPS (2x2x7) (HWCP-1 & -2)
2	BELL & GOSSETT	SERIES 80	Centrifugal Pumps (2-1/2x2-1/2x7) (CWCP-1 & -2)
1	BELL & GOSSETT	SERIES 80	CENTRIFUGAL PUMP (2-1/2x2-1/2x7) (HWCP-3)
1	BELL & GOSSETT	SERIES 80	CENTRIFUGAL PUMP (3x3x7B) (CWCP-3)
1	BELL & GOSSETT	SERIES 80	CENTRIFUGAL PUMP (1-1/2x1-1.2x7B) (HC-001)
2	BELL & GOSSETT	4AC SERIES 1510	CENTRIFUGAL PUMPS (HWP-1 & -2)

THE NEW PINE HEALTHCARE & REHABILITATION CENTER

Continued:

Route 16, Machias, NY

QUANTITY:	MAKE:	MODEL:	TYPE/LOCATION
2	BELL & GOSSETT	3E SERIES 1510	CENTRIFUGAL PUMPS (HWP-3 & -4)
1	BELL & GOSSETT	5A SERIES 1510	CENTRIFUGAL PUMP (CWP-1)
2	BELL & GOSSETT	5E SERIES 1510	CENTRIFUGAL PUMP (CWP-2 & -3)
1	CARRIER	19XR2221253BFS	CENTRIFUGAL CHILLER (CH-1)
120		VALANCE UNITS	HEATING & COOLING
			2 Actuator valves on each Valance Unit
1	WEBCO	E-CUS-4	Roof Top Indirect Fired Gas Makeup Air Unit (H-92)
7	VULCAN RADIATOR	RW-1120-03	CABINET UNIT HEATERS (CUH-001, -002, -101, -102, -104, -106, -107)
2	VULCAN RADIATOR	RW-1120-10	CABINET UNIT HEATERS (CUH-103,-105)
13	GREENHECK	CUBE	Roof Exhaust Fan (EF-1, EF-2, EF-5, EF-6, EF-7, EF-8, EF-9, EF-10, EF-11, EF-13, EF-14, EF-15, EF-16)
1	GREENHECK	BISW Series 21	ROOF EXHAUST FAN (EF-3)
2	GREENHECK	GB	ROOF EXHAUST FAN (EF-4, EF-12)
2	RAGTAG	WH3-0502 (500,000 btu. each)	HOT WATER HEATER, BOILER ROOM
2	NOVEL AIRE TECHNOLOGY	ECW666 (Heat Recovery Units)	ROOF TOP (Connected to #1 & #2 HVAC units)
Refrigeration			
2	W. A. Brown	CST010M2C-LSC090A Coolers	MAIN KITCHEN
1	W. A. Brown	CZT055.6C-LSF180B Freezer	MAIN KITCHEN
1	Kelvinator	KGM220RMYS	MAIN KITCHEN
1	Traulsen	1GHT2-32NUTO	MAIN KITCHEN
1	True Freez	T-49F	MAIN KITCHEN
1	True Freez	T-49	MAIN KITCHEN
1	McCall	4-4045	MAIN KITCHEN
1	True Freez	T-35	MAIN KITCHEN
1	Jorden	SKT-22-FA-SS	MAIN KITCHEN
1	Convo Chill	BLAST CHILLER	MAIN KITCHEN
1	Heatfrh	L5CO52AM	MAIN KITCHEN (WALK IN COOLER)

THE NEW PINE HEALTHCARE & REHABILITATION CENTER

Continued:

Route 16, Machias, NY

QUANTITY:	MAKE:	MODEL:	TYPE/LOCATION
3	GE	GSS25K6PACC	MAIN KITCHEN REFRIGERATION ON UNITS
2	GE	GTSC18GTHJRBB	MAIN KITCHEN REFRIGERATION ON UNITS
6	Continental (refrigerators)	CRB42-SS	VARIOUS UNIT LOCATIONS
1	Whirlpool	ED5VHEXV006	MAIN KITCHEN
1	Westinghouse	RTT153NCDO	MAIN KITCHEN
3	Manitowoc	SMS050A002	ICE MACHINES
1	Follett		ICE MACHINE

FOR LOCATIONS, SEE BUILDING DRAWINGS ATTACHED.

Building Maintenance Supervisor _____ (Signature)
 (or other authorized person)

STONE HOUSE

Route 16, Machias, NY

QUANTITY:	MAKE:	MODEL:	TYPE/LOCATION:
1	TRANE	RTA080	CHILLER - ON PAD
3	TRANE		CEILING HUNG - COOLING ONLY 1 ST
1	TRANE	UNITRANE	COOLING ONLY - 1 ST FLOOR
2	GREENHECK	GB180-10	FAN - ROOF
1	TRANE		MAKE-UP AIR UNIT - BASEMENT
2	KEWANEE		BOILER - BOILER ROOM
1	RUUD	GUARDIAN	BASEMENT - HOT WATER TANK
2	BELL & GOSSETT	1510	PUMP - BOILER ROOM - CHILLER
24	TRANE	UNITRANE	FAN COIL - ROOMS
2	UNK	UNK	UNIT VENT - STONE HOUSE
2	HERMAN-NELSON	UNK	UNIT HEATER - BASEMENT
1	HERMAN-NELSON	UNK	UNIT HEATER - MECHANICAL ROOM 1 ST
2	B & G	M3308	HOT WATER CIRCULATION PUMP - BOILER RM
2	B & G	189106	HOT WATER CIR. PUMP - STONE HOUSE - BASEMENT
1	GLYCOL-HOLDING TANK	SKC426N0014X	BOILER ROOM
1	LARRS	PNCH0750NPCK 24C-JX	BOILER BOILER ROOM
1	mitsubishi	PKA-A12 HAL	ELEVATOR ROOM

Building Maintenance Supervisor _____ (Signature)
 (or other authorized person)

RADIO TOWERS

<u>QUANTITY:</u>	<u>MAKE:</u>	<u>MODEL:</u>	<u>TYPE/LOCATION:</u>
1	BARD**	W42L2-A05XWXXXJ SER: 318M153275687-02	DUTCH HILL RADIO TOWER
1	BARD**	W42A2-A05XWXXXJ SER: 318M153277892-02	DUTCH HILL RADIO TOWER
1	BARD**	W42L2-A05XWXXXJ SER: 318C163311977-02	MCARTY HILL RADIO TOWER
1	BARD**	W42A2-A05XWXXXJ SER: 318C163311979-02	MCARTY HILL RADIO TOWER
1	BARD**	W42L2-A05XWXXXJ SER: 318M153275685-02	YORKSHIRE RADIO TOWER
1	BARD**	W42A2-A05XWXXXJ SER: 318M153279315-02	YORKSHIRE RADIO TOWER
1	BARD**	W42L2-A05XWXXXJ SER: 318M153275688-02	DAYTON RADIO TOWER
1	BARD**	W42A2-A05XWXXXJ SER: 318M153277891-02	DAYTON RADIO TOWER
1	BARD**	W42L1-A05XWXXXJ SER: 318K122945132-02	KNAPPS CREEK RADIO TOWER
1	BARD**	W42A1-A05XWXXXJ SER: 318N122968365-02	KNAPPS CREEK RADIO TOWER
1	BARD**	W42L1-A05XWXXXJ SER: 318N122968367-02	LYNDON RADIO TOWER
1	BARD**	W42A1-A05XWXXXJ SER: 318K122945127-02	LYNDON RADIO TOWER
1	BARD**	W48L2-A05XWXXXJ SER: 400A163297192-02	NICHOLAS RADIO TOWER
1	BARD**	W48A2-A05XWXXXJ SER: 400A163297188-02	NICHOLAS RADIO TOWER
1	BARD**	W42L1-A05XWXXXJ SER: 318N122968368-02	OLDRO HILL RADIO TOWER
1	BARD**	W42A1-A05XWXXXJ SER: 318N122968363-02	OLDRO HILL RADIO TOWER

** - NEW SINCE 2012

Building Maintenance Supervisor _____ (Signature)
(or other authorized person)