NOTICE & INVITATION TO BID

SOUTH GLENS FALLS WTP DEHUMIDIFIER

CONTRACT No. 2FX2025

VILLAGE OF SOUTH GLENS FALLS SARATOGA COUNTY, NEW YORK

NOTICE IS HEREBY GIVEN that sealed bids will be received at the Village of South Glens Falls Village Hall, Attention: Village Clerk, 46 Saratoga Avenue, South Glens Falls, NY 12803 until <u>01:00 pm local time of October 1, 2025</u> and then at said office publicly opened and read aloud for work that shall include but is not limited to:

Contract No. 2FX 2025: South Glens Falls WTP Dehumidifier Bid scope shall include the furnishing and installing the following:

PART 1 - GENERAL

1.1 SUMMARY

A. The scope of work of this bid shall include all costs for labor, materials, equipment, tools, overhead & profit, insurances, and supplies required to provide a complete and functioning dehumidification unit and supporting appurtenances such as mounts, duct, vents, drains, controls, thermostats, signal and power wire and conduit, terminations, breakers, startup, and other incidental work.

1.2 SUBMITTALS

- A. Contractor shall make an installation submittal to the Engineer that indicates the support, location, and weight of the proposed unit. The submittal shall indicate the method that will be used to support the units and their attachments to the building or space they are being installed.
- B. Contractor shall make a controls submittal to the Engineer that indicates the method for controlling the dehumidification unit both local and remote. Type of humidistat or other controls shall be indicated and wiring diagram shall be provided with submittal.

PART 2 - PRODUCTS

2.1 GENERAL

3.

A. All units shall be of corrosion resistant design.

2.2 DEHUMIDIFICATION UNIT

A. Design Criteria:

1. Quantity: One (1)

2. Basis of Design: Desert Aire LW12

Installation: Outdoor

4. Power: 208-240 VAC, 3phase, 60 Hz

Min. Circuit Ampacity: 73.0 Amps
 Max Overcurrent Protection Device: 110 Amps
 BTU: 103,000 min.
 Air Supply: Indoor

Breaker: 150 Amps max.
 Power Conductors: 6 Gauge Copper
 Control Conductors: 14 Gauge Copper

12. Outdoor Conduit: 1.5" Plastic Coated Rigid Metal
13. Indoor Conduit: 1.5" Electrical Metal Tubing

14. Weight: 1,600 lbs.
15. Control: Humidistat
16. Drain: Pipe or tube

2.3 ACCESSORIES, COMPONENTS, AND CONTROLS

- A. This specification shall apply to all accessories and components required to provide a complete and functioning unit including but not limited to:
 - 1. Mounting brackets, supports, and hardware
 - 2. Condensate pipe which will be piped to existing grade
 - 3. Shut off controls and switches as applicable
 - 4. Humidistat

PART 3 - EXECUTION

3.1 SHIPMENT AND STORAGE

A. Upon receipt, Contractor shall off-load equipment at installation site using equipment of sufficient size and design to prevent injury or damage. Immediately after off-loading, contractor shall inspect complete unit and appurtenances for shipping damage or missing parts. Any damage or discrepancy shall be noted in written claim with shipper prior to accepting delivery. Contractor shall be responsible for storage of delivered unit and all other materials in a safe and weather proof environment.

3.2 MOUNTING AND INSTALLATION

- A. All equipment installation shall be in accordance with the manufacturer's recommendations.
- B. The weight of the unit equipment shall be verified before purchase and the appropriate supports will be confirmed and provided by the Contractor. The Contractor is responsible for determining and providing all necessary supports, braces, subbase, fabric, pads, connections, etc. to make the unit fully functional and operational in accordance with the manufacturer's instructions.
- C. The attached Drawings shows the general arrangement of the building and a suggested location for the proposed unit.
- D. Contractor shall provide penetrations and respective flashing through walls, floors, and ceilings as necessary to route conduit, venting pipes, condensate pipes duct, and any other accessories necessary for the proper function of the HVAC units.

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E. Contractor shall be responsible for piping and connecting the proposed units to the power source indicated in the attached Drawings.

3.3 STARTING OF EQUIPMENT

A. Prior to acceptance by Owner, formal start-up and testing of all equipment and control systems shall be conducted by the Contractor, in the presence of the Engineer, to determine if the installed equipment meets the purpose and intent of the specifications. Tests shall demonstrate that all equipment is electrically, mechanically, structurally, and otherwise acceptable; it is safe and in optimum working condition; and conforms to the specified operating characteristics.

3.4 WARRANTY

A. A written minimum three (3) year standard warranty from the date of the successful equipment start-up shall be provided by the equipment supplier to guarantee that there shall be no defects in material or workmanship in any item supplied.

PART 4 - CONDITIONS

4.1 GENERAL

- A. Any questions should be directed to TJ Chagnon, Superintendent of Public Works, at dpwchagnon@sgfny.com
- B. Bids should exclude sales and compensating use taxes on materials incorporated into the work. The Contractor must ensure that employees and applicants for employment are not discriminated against because of their race, creed, color, religion, sex or national origin.
- C. No bids will be received or considered after the time stated above. One original and one copy of the bid forms must be submitted in a sealed envelope bearing the name and address of the bidder and clearly marked "VILLAGE OF SOUTH GLENS FALLS SOUTH GLENS FALLS WTP DEHUMIDIFIER CONTRACT No.2FX 2025
- D. The Owner reserves the right to waive any informalities or irregularities in the Bids received, or to reject any or all Bids without explanation.

4.2 RECIPIENT

- A. This Bid is submitted to:
 - 1. VILLAGE OF SOUTH GLENS FALLS, 46 SARATOGA AVENUE, SOUTH GLENS FALLS, NY 12803

PART 5 - BASIS OF BID

5.1 LUMP SUM BID

- A. Measurement for payment for this bid will be made on a Lump Sum basis and no Measurement for Payment shall be made.
- B. This Lump Sum Bid Item shall include all costs for labor, materials, equipment, overhead & profit, and supplies required to complete the work for the following price:

LUMP SUM BID PRICE	\$

5.2 CONTRACT TIMES

A. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner to provide materials as specified or indicated in this RFP Document for the price indicated in this Bid and to complete the work within 6-months of the signing of the Agreement.

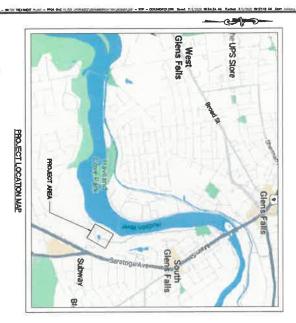
5.3 BID SUBMITTAL

BIDDER: [Indicate correct name of bidding entity]

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Bidder is a corporation, a limited liability company, a partnership, or a joint venture, idence of authority to sign.)	attach
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DEHUMIDIFIER PLANS VILLAGE OF SOUTH GLENS FALLS SARATOGA COUNTY, NY WTP UPGRADES

JULY 2025



8 MADISON AVENUE EXTENSION, ALBANY, NY 12203 - (518) 452-1280 12 DIETZ STREET, SUITE 303, ONEONTA, NY 13820- (807) 432-8073 1 NORTH MANK STREET, LIBERTY, NY 12764 - (868) 747-9852 TOWNSEND STREET, WALTON, NY 13856 - (807) 865-8235

DELAWARE ENGINEERING, D.P.C.

COVER SHEET

WTP UPGRADES DEHUMIDIFIER PLANS VILLAGE OF SOUTH GLENS FALLS SARATOGA COUNTY, NY REVISIONS
NO. DATE DESCRIPTION





DATE:

DRAWN BY:

SCALE:

AS SHOWN
REVIEWED BY:

PROJECT NO:

GENERAL CONSTRUCTION NOTES:

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 SECURED THE CONTRACTOR SHALL SET OF PICLUS IN THERE BD ALL TELLS AND MATERIALS WHICH THEY ARE REDUCTED TO PLEMENHING ACCORDANCE WHITH THE CONTRACTOR.
- ALL WORK AREAS AT THE SITE SHALL BE COMPLETELY SECURED, CONFORMING WITH OSHA REGULATIONS, TO PROTECT THE PUBLIC AND PREVENT UNAUTHORIZED ENTRY, THE COST OF THIS WORK IS TO BE INCLUDED IN THE PARIOUS ITEMS OF THE CONTRACT.

IT WILL BE THE CONTRACTOR'S OBLIGATION AND RESPONSIBILITY TO USE METHODS AND EQUIPMENT WHICH WILL INSURE THE SATISFACTORY
COMPLETION OF THE REQUIRED WORK WITHIN THE TIME FRAME STIPULATED IN THE CONTRACT.

- COCATION OF UTILITIES, PUBLIC AMPORT PRIVATE, INDICATED AS EXISTIPA MADOR TO BE CONSTITUTED AS SHOWN ON THE PLANS AME APPORUMENTE ON. THE REPORT CONTININES WHILE BE CENTEMENS HIT HETE BLOCK AS RESERVANT AND CONTININES WITH UTILITY LIVERS, WHETHER ANAMONISMS OR HI RESPACE, MAY ESSIT AND IT SHALL BE THE CONTINICATION AS RESERVANT FOR CONTININES OF OPERATION FROSTERES BLOCK BLOCK AND ASSESSMENT OF CONTININES DURING THE CONTININES OF PROPERTY AND ASSESSMENT OF PROPERTY AND ASSESSMENT OF PROPERTY AT HOS ADDITIONAL CONTINUATION CONTINUATION SHALL HETE CONTININE COMMANY OF PROVIDE COCKYTE AND MARKOUT ON PROVIDE FOR SHALL HETE CONTINUATION CONTINUATION CONTINUATION SHALL HETE CONTINUATION CONTINUATION OF PROVIDE COCKYTE AND MARKOUT ON PROVIDE FOR SHALL HETE CONTINUATION CONTINUATION OF THE PROPERTY AT HOS ADDITIONAL CO
- IN THE EVENT THE CONTRACTOR DAMAGES AN EXISTING UTILITY SERVICE CAUSING AN INTERRUPTION IN SAID SERVICE, THEY SHALL IMMEDIATELY COMMENCE WORK TO RESTORE SERVICE AND MAY NOT CEASE THE WORK OPERATION UNTIL SERVICE IS RESTORED.
- THE CONTRACTOR SHALL CALL <u>DIG BASES I NEW YOOK (DAWN) (HAD-MAC-789)</u>, A MINIANIA OF THREE WORKING DAYS PRIOR TO ANY EXCANATION TO HAVE DEBSTING HADERGROUND UTILITIES LOCATED IN THE FIELD. CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN ALL UTILITY LOCATIONS THROUGHOUT PROJECT.
- ABEAUSE/HORDED NY HE COMPANDOS AS PART OF THE WORK TO BE PERFOSUED LINEST WAS CONTRACT, SHALL BE RESTORED TO PREDOMETRACTION ENALANDES AND TO THE SATISFACTION OF THE ENGINEER, ALL THE DISTURBED GRASS AREAS SHALL BE GRACED AND SEEDED IN A MANNER APPROVED BY THE ENGINEER.
- . CLEANUP: ALL SURPLUS MATERIALS OF CONSTRUCTION SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR AS PART OF THE CONTRACT WITH THE OWNER, THERE SHALL BE NO ADDITIONAL PAYMENT FOR THIS WORK.
- JOBSITE SAFETY: WHILE ON THE JOBSITE, THE CONTRACTOR SHALL AT ALL TIMES OSSERVE ALL FEDERAL, STATE, AND LOCAL SAFETY RULES REGULATIONS AND LAWS. JOBSITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

GENERAL ELECTRICAL NOTES:

- THE COMPANCING SHALL BE RESPONSIBLE FOR SUPPLYING, INSTALLING AND CONNECTING ALL LINE AND LOW YOLLAGE COMPUT, COMPANCIONS, SWITCHES, DISCONNECTS, LINCTION BOXES, AND FAVILIRES FOR POWER, TELECOMMUNICATIONS, AND LIGHTING SYSTEMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING AND SCHEDULING ALL ELECTRICAL INSPECTIONS, PAY ALL FEES, AND SUBMIT A FINAL INSPECTION REPORT TO THE ENGINEER.
- THE LOCATIONS AND ROUTES OF CONCUITS AND DALEBAYS SHOWN ON THEEK DEMANGS, HE SCHEMATIC, ALL BELOW REQUISED CONCUITS SHALL BE RESTALED USING THE MOST DRECT ROUTE WITH CONCUST SHALL BE RESTALED USING THE MOST DRECT ROUTE WITH CONCUSTOMER AND PROPER COORDINATION WITH OTHER LITTLINES UNDERGRADURD OF ABOVE GROUND. THE ELECTRICAL CONTRACTOR SMALL NETAL ALL GROWBING IN ACCORDANCE WITH NEC ATTOLE 250 AND ACCORDING TO THE REQUIRENTED SPOKETOR WITH CROWNERS, ECUIPMENT GROUNDING CONDUCTORS SHALL BE USED. GROWBING THROUGH RACEWY AND CONDUITS IS NOT PERMITTED.
- THE CONTRACTOR SHALL CAULK ALL PENETRATIONS, RELATED TO ELECTRICAL WORK, IN 1 & 2 RATED HR FIRE WALL WITH 3M FIRE CAULK. SEAL LARGER OPENINGS WITH WIREMOLD "FLAMESTOPPER" KIT.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL EQUIPMENT CONDUIT AND CONDUCTORS FOR THE HYMC EQUIPMENT. THIS SHALL INCLUDE LINE AND LOW VOLTAGE EQUIPMENT.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL CONTROL CONDUIT AND CONDUCTORS. THIS SHALL INCLUDE CONTROLS CONDUIT AND CONDUCTORS.

CONDUIT NOTES

- ALL INTERIOR CONDUIT SHALL BE EMT.
- ALL BURIED CONDUIT SHALL BE PVC.
- 3. ALL EXTERIOR EXPOSED CONDUIT SHALL BE PLASTIC COATED GRC.

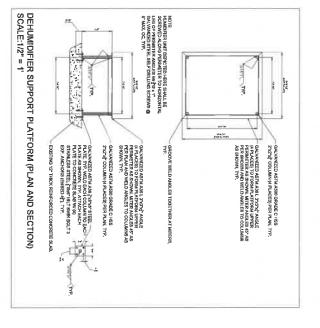
HVAC NOTES:

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