AGREEMENT HIGHLIGHTS

Commercial Ductwork Sealing and Related Services

OECM #2025-477

Item	Description
Agreement Term	**Effective Date:** August 15, 2025 **Expiry Date:** August 14, 2031 **Optional Extension(s):** None.

Services Available Through This Agreement	This agreement provides access to a broad range of Commercial Ductwork Sealing and Related Services including, but not limited to:
	
	General Ductwork Sealing Services:
	
	• A variety of Ductwork Sealing Services including:
	  ○ Aerosol ductwork sealing
	  ○ Mastic ductwork sealing
	  ○ Taping ductwork sealing
	  ○ Other types of ductworks sealing
	
	• Working with a variety of ductwork materials (e.g., galvanized steel, aluminum, fiberglass ductwork board, polymerizing vinyl chloride (“PVC”) low profile ducting)
	• Working with a variety of HVAC systems and associated components and devices (e.g., constant volume and variable volume systems, vibration isolators, take offs, smoke/balancing/fire dampers, smoke detectors and sensors, silencers, turning vanes, Variable Air Volume (“VAV”) boxes, re-heat coils)
	• Providing various sealing methods (e.g., aerosol, tapes, mastics) for sealing gaps up to 5/8 inch or 1.5875 centimeters in diameter
	• Providing various sealing methods (e.g., galvanized plates) for sealing gaps over 5/8 inch or 1.5875 centimeters in diameter
	• Ensuring insulation (internal and external) is replaced on the patching plate
	• Providing pre-sealing, post-sealing and sealing profile reports for all ductwork sections sealed
	
	Examination, Assessment and Design Services:
	
	• Phased assessment including examination, design and installation process
	• Preparation and ductwork testing
	• Duct sealing implementation

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Services Available Through This Agreement	• Duct reassembly and cleanup
	• Validation and reporting
	• Onsite examination, assessment and documentation of the ductwork to determine its condition and existing air leakage
	• Recommendations for required remedial work including proposed leakage reduction targets
	• Detailed energy plan to maximize energy savings, GHG reductions, and to support Customers with incentive and or grant applications and submissions
	• Detailed application design outlining the sealing process to achieve maximum leakage reduction
	
	Preparation and Ductwork Testing Services:
	
	• Inspecting air distribution systems for major leakage sites and significant accumulation of dirt or debris
	• Cleaning coils as required to facilitate airflow
	• Providing ductwork leakage testing following standard industry practices for selected ductwork by certified air ductwork technicians, including provision of a pressure test and pre-seal leakage report
	• Preparing surfaces to receive tapes and/or sealants/mastics as required
	• Temporarily removing or protecting from aerosol particles building controls, fire and smoke sensors as recommended by manufacturer
	• Temporarily disabling fire alarms and notifying appropriate authorities
	• Using manufacturer calibrated blower fan boxes with digital manometer to measure leakage before and after testing, monitor static pressure to ensure optimal results, and stop when maximum leakage reduction has been achieved
	• Supplying ducts, return ducts and exhaust ducts will be tested for air losses as a percentage of the total air flow volume measured at the fan or air-moving device as determined by the Customer
	• Supplying air volumes shall be tested pre-seal and post-seal using standard air balancing practices (e.g., units supply air volume and each supply air diffuser/register)
	• Performing total ductwork leakage testing for outside rate must be less than 4.0 cfm@25 pa per 100 square feet of conditioned floor area or as agreed upon with the Customer
	• Performing fan motor amperage and voltage readings will be recorded pre-seal and post-seal
	
	Ductwork Sealing Implementation Services:
	
	• When using aerosol methods:
	
	  ○ Ensuring sealing ductwork from the inside using automated aerosolized sealant injection (e.g., Aeroseal)
	  ○ Sealant shall comply with United Laboratories (“UL”) Outline Scope 1381
	  ○ Sealant must cure within two (2) hours and with no Volatile Organic Compounds (“VOC”) off-gassing thereafter
	
	• When using other methods (e.g., tapes, mastics):
	
	  ○ Ensuring patches will be sealed by an approved Underwriters Laboratories Canadian (“ULC”) listed products and shall be in accordance with the Sheet

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Services Available Through This Agreement	Metal and Air Conditioning Contractors' National Association ("SMACNA") standards ○ Openings, injection, and test holes shall be sealed with patching plates and as per SMACNA standards ○ Ensuring ductwork sealing meets American National Standards Institute ("ANSI")/SMACNA Seal Class requirements where applicable ○ Ensuring all materials utilized to perform the ductwork sealing must be UL181 Standard certified ○ Sealing media shall be non-toxic and resistant to oil and water after curing; and shall comply with OBC and Ontario Fire Code ("OFC") requirements (i.e., flame spread and smoke) ○ Ensuring pressurized sensitive tape is not used as the primary sealant unless it has been certified to comply with UL-181A or UL-181B certification ○ Ensuring all materials utilized to perform the ductwork sealing Services have Canadian Standard Association or ULC certification **Ductwork Reassembly and Cleanup Services:** • Reinstalling building controls and smoke detectors by certified/authorized personnel or Customer's own designated provider, as mutually agreed to by both parties • Enabling fire alarms (by certified/authorized personnel or Customer's own designated provider, as mutually agreed to by both parties) and notifying appropriate authorities • Removing blocking, reinstalling grilles and registers, and enabling air handling fans as appropriate • Cleaning up sealant residue that may have adhered to the surface in occupied areas **Additional services available through the agreement related to Commercial Ductwork Sealing Services include, but are not limited to:** **Ductwork Cleaning Services:** • Prior to the commencement of any ductwork cleaning services, a visual inspection of the HVAC system will be performed to determine appropriate methods, tools, and equipment required to satisfactorily complete the cleaning. • Damaged system components found during the inspection shall be documented and communicated to the Customer prior to commencing work • Marking of all dampers to identify the original position before commencing work • All components will be returned to their original setting upon completion of the cleaning process to ensure the HVAC system balancing has not been changed • Ensuring temporary removal or protection from aerosol particles of building controls, fire and smoke sensors as recommended by the manufacturer • Providing Services accomplished using specialized equipment, (e.g., high efficiency vacuum system utilizing High-Efficiency Particle Absorbing ("HEPA") filters, high pressure washers, ductwork brushes) as required. • Special attention shall be taken while cleaning the ductwork to prevent high levels of microbial contaminants from becoming airborne and disseminated into occupied areas • Maintaining all interior equipment, furniture, files and material are adequately covered and protected as necessary to prevent damage • Ensuring all effluent shall be removed and disposed of in accordance with environmental and health and safety laws and regulations

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Services Available Through This Agreement	• Unclogging and thoroughly cleaning ductwork components, including, but not limited to, reheat coils, supply registers, dampers, VAV boxes, turning vanes contaminated by dust and other contaminants • Exercising special care to prevent damage to the equipment, electrical motors of systems; ceiling tiles and to the building from water and/or cleaning compounds resulting from the cleaning process **Ductwork Restoration, Maintenance, and Repair Services:** • Repair and replacement for required materials identified as part of Ductwork Examination, Assessment and Design Services • Regular/routine maintenance • Duct and coil cleaning to improve air quality and optimize performance • Mold remediation to address mold buildup inside the ducts • Airflow testing to measure/optimize airflow to improve HVAC efficiency • Thermal imaging scans to identify areas of heat loss or poor insulation
Awarded Supplier Partner	**Awarded Supplier Partner** 1. Nerva Energy Group Inc.