REQUEST FOR PROPOSALS

HVAC PREVENTATIVE MAINTENANCE AND EMERGENT SERVICES

Delaware River Joint Toll Bridge Commission (DRJTBC)

This Request for Proposals (RFP) seeks offers to perform the services described in the attached Scope of Work (SOW)(Attachment A) for HVAC Preventative Maintenance AND Emergent Services in accordance with the original equipment manufacturer (OEM) specifications and recommendations. Services are to be performed at various DRJTBC sites. To assist in determining the OEM specifications and recommendations for the HVAC equipment subject to this RFP, the Inventory of HVAC Equipment (the Inventory) (Attachment B) is attached with a listing of each item’s location.

Instructions to Bidders

To submit an offer, you must provide a quote in the attached Quote Submission Form (Attachment C). Your proposed pricing must include the pricing for routine HVAC maintenance, which will include, for the purposes of bidding, two (2) routine inspections and associated maintenance (spring and fall), inclusive of all time and materials required to perform the routine maintenance. Your proposed pricing must also include an hourly rate for “on-call” emergent services. Your quoted price must include all labor and supplies necessary to complete the work. By submitting the Quote Submission Form, you agree that your offer is valid for 60 days, and may be accepted at any time by the DRJTBC, thereby creating a valid contract on the terms and conditions described in this RFP.

For bidding purposes, the Quote Submission Form is divided into three (3) areas: the Northern Region, Central Region and the Southern Region. The Northern Area includes the PC Toll Bridge Administration Building, the DWG Toll Bridge Administration Building (DWG), and the MM Toll Bridge Administration Building (MM). The Central Region includes the I-78 Toll Bridge Administration Building (I-78), and the EP Toll Bridge Administration Building (EP) and the Southern Area includes the Morrisville Administration Building (TM), the New Hope Executive Offices (NHLT). Offerors are responsible for contacting the points of contact listed in the Quote Submission Form to schedule an inspection of any sites for which the offeror wishes to bid.

Offerors may submit an offer to any one or more of these regions. If you are not interested in bidding services on a particular site, type “N/A” in the applicable box(es).

The attached SOW (Attachment B) constitutes the minimum work to be performed. Any exceptions to the SOW should be noted in your response. Any work to be performed in addition to the SOW’s minimum requirements should be highlighted in your response, and will become part of the contract SOW upon contract award. Additional work should also be priced out and explained in, or as an attachment to, the Price Submission Form.
Responses to this RFP are due to Purchasing Agent Steven Wells via mail or in person delivery at no later than 2:00 pm Eastern Time, Wednesday, May 2, 2018. Late bids may be rejected at the sole discretion of the DRJTBC.

Evaluation Criteria

The DRJTBC will conduct a best value determination by conducting a tradeoff between the following evaluation factors: Price, Capability, and Past Performance. For evaluation purposes, Capability is more important than Past Performance, which is more important than Price. Bidders may submit the names and phone numbers of up to three (3) prior customers whom the DRJTBC may contact at its sole discretion. The absence of relevant Past Performance will be viewed neutrally, not negatively. The DRJTBC will assess Capability and Past Performance as Superior, Acceptable, Neutral, or Negative. Therefore, award of contracts to bidders may not be made to the bidder with the lowest price. DRJTBC reserves the right to make multiple awards for any site, or no award at all at its sole discretion. DRJTBC may award contracts based on initial quotes, or may enter into negotiations or discussions with potential awardees at its sole discretion.

The DRJTBC reserves the right to reject any bid or all bids, or to cancel this RFP, if in the sole discretion of the Executive Director, such rejection or cancellation is in the best interests of the DRJTBC.

Terms and Conditions

1. The Base Period of Performance (POP) will be from May 1, 2018 through December 31, 2018. The DRJTBC may exercise up to two (2) one-year option periods based on the pricing quoted by the bidder at its sole discretion no later than 30 days prior to the expiration of the POP.

2. Service providers under any contract or purchase order resulting from the RFP are required to perform HVAC Preventative Maintenance services and any on-call emergent services in strict conformity with the recommendations of the OEM for each individual equipment item. This includes, but is not limited to, the services contemplated in the SOW. Services must meet or exceed all requirements of regulatory agencies of the state in which the equipment is located.

3. DRJTBC will reimburse HVAC service providers following the two annual maintenance service visits (Spring (May) and Fall (Sept/Oct.)) per contract year for each site upon the receipt of an acceptable invoice. Invoices should be submitted to Accounts Payable in accordance with the purchase order.

4. The parties have the right to terminate this contract without incurring additional costs upon 60 days’ notice to the other party. The HVAC service provide is required to complete all services for which a purchase order has been issued prior to such termination, and the DRJTBC will compensate the HVAC service provider for such services in accordance with the purchase order upon receipt of an acceptable invoice. The DRJTBC reserves the right to cancel a purchase order at any time for its convenience and at its sole discretion. In such a case, the DRJTBC will reimburse the HVAC service provider for reasonable costs incurred prior to such termination.
5. The DRJTBC reserves the right to perform the services contemplated in the SOW with its own employees or by other contractors within the DRJTBC jurisdiction during the POP. HVAC service providers awarded contracts or purchase orders under this RFP must cooperate in good faith with DRJTBC employees or its designees and other contractors. DRJTBC reserves the right to increase, decrease, or change the sites for the performance of services, and may eliminate services entirely at sites in its sole discretion.

6. The DRJTBC may order additional services from the HVAC service provider beyond the scope of the SOW. In such case, the HVAC service provider’s Quote Submission Form will be used to negotiate fair and reasonable pricing for such additional services, including, but not limited to, a reasonable hourly rate consistent with the services to be performed, and fair and reasonable pricing for appropriate equipment and materials.

7. By submitting a response to this RFP, the offeror represents that it is a qualified business that is not suspended, debarred, or proposed for debarment by any federal, state, or local governmental or quasi-governmental entity. It also represents that it is capable of performing the services in the SOW, except to the extent the offeror takes exception in its response. HVAC service providers performing under a contract or purchase order pursuant to the RFP will comply with all legal and regulatory requirements, including but not limited to personnel and business licensing qualifications and the payment of all tax obligations.

8. HVAC service providers performing under a contract or purchase order hereby indemnify and hold harmless the DRJTBC and all of its representatives and personnel for any liability arising out of or relating to the performance of the work under this contract, including but not limited to, the SOW. HVAC service providers will obtain and maintain insurance policies at an appropriate level for the services to be provided in accordance with The DRJTBC’s Insurance and Indemnity requirements (Attachment D).
GENERAL PROVISIONS

I. PROPOSALS

A. Bids must be made on the standard Proposal form provided by the Commission. Proposals must be delivered or mailed to the Delaware River Joint Toll Bridge Commission, 110 Wood & Grove Streets, Morrisville, Pennsylvania 19067. The requirement of a bid security/bond is being waived for this proposal.

B. Proposals will be opened and read on Wednesday, May 2, 2018 at 2:00 p.m. at the Administration Building of the Delaware River Joint Toll Bridge Commission, Morrisville, Pennsylvania.

C. The Proposals submitted by the bidders must be typewritten or printed thereon, properly signed by the bidder. Bids must be submitted in a sealed envelope. Envelopes shall be clearly marked with the name of the bid as well as the date and hour of the bid opening.

D. All Proposals must conform to the minimum requirements as set forth in the attached specifications and Insurance requirements.

E. Consideration will be extended to each proposal individually, and the details are set forth in the specifications.

F. Bidders submitting proposals via U.S. Mail shall be responsible to place their proposal in the mail in sufficient time to insure delivery prior to the time of the bid.

G. It shall be the bidder’s responsibility to actually deliver and place their proposals in the designated “Bid Box” at the Administration Building of the Delaware River Joint Toll Bridge Commission, 110 Wood & Grove Streets, Morrisville, Pennsylvania 19067, on or before the hour named and no bid will be accepted after the specified time. Proposals may be forwarded via U.S. Mail and they will be delivered and placed in the said “Bid Box” by the authorized personnel of the Delaware River Joint Toll Bridge Commission up to the time specified for opening of the bids. Bids not so submitted will be considered informal and will be returned unopened.

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H. Proposals shall be submitted in a sealed envelope. Envelopes shall be clearly marked with the name of the bid as well as the date and hour of the bid opening.

I. In the event of an error in the calculation and/or extension of unit prices to total prices, the Commission will consider that the unit price is the governing price.

J. No bid may be withdrawn prior to the tenth day following the first Regular or Special Meeting of the Commission.

K. Proposals that are not accompanied by bid security, Certified Check, Cashier’s Check, Money Order or Bid Bond when required (See Paragraph A), will be rejected and such rejection action cannot be appealed. The successful bidder shall, within 10 days after the award of the contract, execute a Surety Company Bond acceptable to the Commission, in a sum equal to 100% of the contract awarded. Failure to comply with the requirements of these specifications or failure to enter security or execute the contract within the specified 10 days shall be considered sufficient cause for annulment of the award.

L. The Commission reserves the right to reject any and all bids and to award purchase in the best interest of the public and the Commission.

II. SPECIFICATIONS

Specifications covering the “DRJTBC HVAC PREVENTATIVE MAINTENANCE”, along with the General Provisions and Proposal forms, are available, via U.S. Mail or may be obtained at the following location:

Delaware River Joint Toll Bridge Commission
Administration Building
110 Wood & Grove Streets,
Morrisville, Pennsylvania 19067

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Invitation for Bids
“DRJTBC HVAC PREVENTATIVE MAINTENANCE AND EMERGENT SERVICES”

GENERAL PROVISIONS

SPECIAL INSTRUCTIONS TO BIDDERS

(1) All specifications must be complied with fully.

(2) All bidders must supply complete descriptive information with their respective bids.

(3) All bidders must state in writing any and or all exceptions to the Commission specifications.

(4) Failure to comply with the above instructions may and can result in disqualification of bids.

III. RESULTS OF BIDDING

The results of bidding for the “DRJTBC HVAC PREVENTATIVE MAINTENANCE AND EMERGENT SERVICES” will be presented to the Commission at its first Regular or Special Meeting, which convenes subsequent to the receiving of bids, for determination as to award of purchase.
IV. TAXES

The Commission is a tax-exempt public agency. Proposals are not to contain any consideration with respect to Federal Excise, State Sales or other taxes. The Commission will furnish a tax-exempt certificate to the successful bidder to support his records.

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

Steven D. Wells, Purchasing Agent
Administration Building
1110 Wood & Grove Streets,
Morrisville, Pennsylvania 19067
(267) 790-1017

SPECIAL NOTE: Please allow 5 to 7 days after the bid opening for our review of the bids and preparation of the results of bidding. PLEASE DO NOT CALL IMMEDIATELY AFTER THE BID OPENING FOR THE RESULTS.

All bidders will be furnished a copy of the Results of Bidding immediately following the next scheduled Commission Meeting that takes place after the bid opening date.
NON-COLLUSIVE BIDDING CERTIFICATIONS

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 their knowledge and belief:

1. 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;

2. 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 the bid opening, directly or indirectly, to any other bidder, or to any competitor; and

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

_________________________   _________________________
(Date)                             (Signature)

_________________________   _________________________
(Telephone)         (Print Name)
HVAC Preventative Maintenance services provided under this Request for Proposal (RFP) shall be in strict conformity with each of the individual equipment Manufacturer’s recommendations including and not limited to the services provided under this RFP.

HVAC PREVENTATIVE MAINTENANCE SCOPE OF WORK

DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION
Special Instructions

- Review manufacturer’s instructions
- Perform any required dry-cooler or air cooled condenser maintenance simultaneously with this PM.
- No intentional venting of refrigerants is permitted.
- Whenever refrigerant is added or removed from equipment, record the quantities on the appropriate forms.
- Recover, recycle, or reclaim the refrigerant as appropriate.
- If disposal of the equipment item is required, follow regulations concerning removal of refrigerants and disposal of the equipment.
- If materials containing refrigerants are discarded, comply with EPA regulations as applicable.
- Refrigerant oils to be removed for disposal must be analyzed for hazardous waste and handled accordingly.
- Closely follow all safety procedures described in the Material Safety Data Sheet (MSDS) for the refrigerant and all labels on refrigerant containers.

Check Points

- Thoroughly inspect the equipment.
- Clean drain pan and note excessive corrosion.
- Check refrigerant levels and recharge if needed.
- Check for refrigerant leaks as necessary.
- Check condition of cooling and reheat coils.
- Drain and clean humidifier drip pan, replace pan if applicable.
- Lubricate motor and fan bearings, if not sealed.
- Check alignment of motor and fan.
- Check belt tension and condition, adjust or replace as required.
- Replace pre-filters, if needed.
- Replace final filters, if needed.
- Check compressor oil level if compressor has a sight glass.
- Check compressor operation.
- Run machine, check action of controls, relays, switches, etc. to see that compressor(s) run at proper settings.
- Reheat coils activate properly.
- Humidistat activates humidifier.
- Suction and discharge pressures are proper.
- Discharge air temperature is set properly.
- Check and adjust vibration eliminators. Replace if required.
- Check and tighten all electrical terminals, connections, and disconnect switches.
Computer Room Units

- Inspections per year, per schedule.
- Each visit, check general operation of the equipment, make minor repairs, adjustments and inform the Customer of operation performance.
- Replace air filters.
- Clean condenser coils once per year.
- Drain and clean drain pan - condensate lines.
- Check all controls on equipment to insure proper operation.
- Check all humidity controls on equipment for proper operation.
Package Unit Air Conditioners

- Review manufacturer’s instructions
- Comply with the latest provisions of the Clean Air Act and Environmental Protection Agency regulations as they apply to protection of stratospheric ozone.
- No intentional venting of refrigerants is permitted. If servicing requires intrusion into the refrigerant circuit, the unit must be able to be pumped down, or the remaining refrigerant recovered.
- Whenever refrigerant is added or removed, record the quantities on the appropriate form.
- Recover, recycle, or reclaim the refrigerant as appropriate.
- If materials containing refrigerants are discarded, comply with EPA regulations as applicable.
- Refrigerant oils to be removed for disposal must be analyzed for hazardous waste and handled accordingly.
- Closely follow all safety procedures described in Material Safety Data Sheet for the refrigerant and all labels on the refrigerant containers.

Operating Inspection

- Inspect exterior of the air handler.
- Visibly check for chilled water or refrigerant leaks on lines, valves, and strainers.
- Lubricate motor and fan bearings as required.
- Check belt tension and condition.
- Check filters, replace if needed.
- Check condensate pan and drain. Flush with hot water if needed.
- Check discharge air temperature.
- Check compressor operation.

Annual Inspection

- Remove panels.
- Clean drain pan.
- Clean strainer on chilled water unit.
- Check for refrigerant leaks.
- Check coil pressure drop.
- Clean coils if necessary.
- Drain and clean humidifier pan if applicable.
- Clean and lubricate motor and fan bearings as required.
- Check pulley alignment.
- Check bearings for excessive wear.
- Replace filters replace if needed.
- Check reheat coil pressure drop, clean if necessary.
Air Compressor (After-Cooler)

Applies to the after-cooler/separator utilizing chilled water to condense moisture from large compressed air systems.

Special Instructions

- Review manufacturer’s instructions
- Schedule outage with operating personnel.
- Provide an alternate source of air, if necessary.
- Schedule Preventative Maintenance (PM) on associated equipment if possible.
- Secure air-and chilled-water valves and tag them
- Secure, lockout and tag electrical supply to compressor.
- Wear appropriate protective equipment.
- Use caution when disassembling.
- Check for and relieve pressure where found.

Check Points

- Unbolt and remove supply and discharge water lines.
- Unbolt supply and discharge air flanges and lower assembly.
- Remove tube bundle assembly.
- Check tube bundle for deterioration or ruptured tubes.
- Clean exterior of the tube of all scale buildup.
- Flush out the tube bundle shell.
- Visually inspect the shell, flanges, piping, etc. for deterioration, cracks, etc.
- Clean the trap orifice of all carbon and heavy grease buildup.
- Reassemble the tube bundle in the shell using new gaskets and seals.
- Replace assembly and separator in pipe line, using new gaskets.
- Reconnect the supply and discharge water lines.
- Remove tags, open air and water valves, restore power, and start air compressor.
- Check operation of unit.
- Check the air and water inlet and outlet temperatures.
- Check all connections for leaks.
Air Compressors

- Change compressor crankcase oil as required.
- Clean air intake filter.
- Check air dryer, automatic condensate drain, and air tank for proper operation.
- Clean condenser coils or grille.
- Inspect belt alignment and condition, adjust or replace belts as required.
- Check for corrosion and scale on water-cooled units.
- Clean heat exchange surfaces
- Check gauges.
- On two-state compressor, check intermediate pressure.
- Test relief valves, replace if leaking or the relief range is incorrect.
- Check compressor unloaders for proper operation.
- Check compressor suction and discharge valves for proper operation.
- Check cut in and out of compressor pressure controller.
- Re-install beltguard.
Air Driers

Refrigerated, or Regenerative Desiccant Type – 10 SCFM or greater

- Review manufacturer’s instructions.
- De-energize, lock and tag electrical circuits.
- Comply with the latest provisions of the Clean Air Act and Environmental Protection Agency (EPA) regulations as they apply to protection of stratospheric ozone.
- No intentional venting of refrigerants is permitted. During the servicing, maintenance, and repair of refrigeration equipment, the refrigerant must be covered.
- Whenever refrigerant is added or removed from equipment, record the quantities on the appropriate forms.
- Recover, recycle, or reclaim the refrigerant as appropriate.
- If disposal of the equipment item is required, follow regulations concerning removal of refrigerants and disposal of the item.
- If materials containing refrigerants are discarded, comply with EPA regulations as applicable.
- Refrigerant oils to be removed for disposal must be analyzed for hazardous waste and handled accordingly.
- For refrigerant type units, closely follow all safety procedures described in the Material Safety Data Sheet (MSDS) for the refrigerant and all labels on refrigerant containers.
- Lubricate valves and replace packing, if necessary.
- Check dryer operating cycle.
- Inspect and clean heat exchanger.
- Check outlet dew point.
- Clean and lubricate blower.
- Check automatic blow down devices.
- Inspect and replace or reinstall inlet filters.

Refrigerated Type

- Check traps.
- Check refrigerant level and moisture content. If low level or moisture is indicated, check for refrigerant leaks using a halogen leak detector or similar device. If leaks cannot be stopped or corrected, report leak status to Customer.
- Clean and lubricate condenser fan motor.

Desiccant Type

- Replace filter cartridges, both pre-filter and after-filter.
- Check the inlet flow pressure, temperature and purge rate.
- Check the desiccant and replace if necessary.
- Inspect and clean solenoids, purge valves, and strainers.
Air Handlers

Split System DX, Chilled Water or Brine

- Review manufacturer's instructions.
- Comply with the latest provisions of the Clean Air Act and Environmental Protection Agency regulations as they apply to protection of stratospheric ozone.
- No intentional venting of refrigerants is permitted. If servicing requires intrusion into the refrigerant circuit, the unit must be able to be pumped down, or the remaining refrigerant recovered.
- Whenever refrigerant is added or removed, record the quantities on the appropriate form.
- Recover, recycle, or reclaim the refrigerant as appropriate.
- If materials containing refrigerants are discarded, comply with EPA regulations as applicable.
- Refrigerant oils to be removed for disposal must be analyzed for hazardous waste and handled accordingly.
- Closely follow all safety procedures described in the Material Safety Data Sheet (MSDS) for the refrigerant and all labels on the refrigerant containers.

Operating Inspection

- Thoroughly inspect exterior of the air handler.
- Visibly check for chilled water or refrigerant leaks on lines, valves, and strainers.
- Lubricate motor and fan bearings as required.
- Check belt tension and condition.
- Check filters, replace if needed or notify the Customer if filters are his responsibility.
- Check discharge air temperature.

Annual Inspection

- Remove panels.
- Clean drain pan.
- Clean strainer on chilled water unit if applicable.
- Check for refrigerant leaks if applicable.
- Check coil pressure drop.
- Clean coils if necessary.
- Drain and clean humidifier pan if applicable.
- Clean and lubricate motor and fan bearings as required.
- Check pulley alignment.
- Check bearings for excessive wear.
- Check filters, replace if needed, or notify the Customer.
- Check reheat coil pressure drop, clean if necessary.
Air Handling Units

General Maintenance Inspections

- Inspections per year, per schedule.
- Regularly and systematically inspect the equipment.
  - Filters (not) changed by____________________.
  - Filters (not) supplied by____________________.
- Grease bearings, adjust fan-belt tension, inspect condition of belts, lubricate motor, inspect coils and clean, if necessary.

Once Per Year:

- Inspect the unit casing and accessories for paint chipping or corrosion.
- Clean fan wheels and fan shaft.
- Inspect the drain pan for sludge or other foreign material and clear condensate drain line.
- Check damper linkages, set screws and blade adjustment for proper operation.
- Painting by others.
Air Units (Indoor and Outdoor)

**General Maintenance Inspections**

- Check filters; replace as scheduled.
- Check fan belt tension.
- Grease main fan bearings, if applicable.
- Check dampers, actuators and linkages; adjust and tighten, as necessary.

**Annual Maintenance Inspections**

- Check filters; replace as scheduled.
- Check fan belt tension.
- Grease main fan bearings, if applicable.
- Check dampers, actuators and linkages; adjust and tighten, as necessary.
- Inspect and clean blower wheel.
- Lubricate main fan motor.
- Check electrical connections for tightness.
- Check bearings, drives, and blower wheels for tightness.
- Check for gas leaks.
- Change flame and spark rods, as necessary.
Gas Burner, Direct-Fired

- Check operation of all gas controls and valves including: manual gas shutoff, petal gas regulator, safety shutoff valve (solenoid), automatic gas valve, petal solenoid valve, butterfly gas valve, motor, and linkage to air blower, and safety petal solenoid (if used).
- Use the manufacturer's instructions, if available.
- Check high limit switch.
- Check burner; clean and adjust; change flame and spark rods, as necessary.
- Start up: check for lifting or yellow-tipping flames. Make adjustments required to correct the problem.
Gas Burners

Annual Inspection

- Check operation of all gas controls and valves including: manual gas shutoff; petal gas regulator; safety shutoff valve (solenoid); automatic gas valve; petal solenoid valve; butterfly gas valve, motor, and linkage to air louver; safety petal solenoid (if used).
- Check flue connections for tight joints and minimum resistance to air flow. Guarantee that combustion chamber, flues, breaching, and chimney are clear before firing.
- Draft regulators should give slightly negative pressure in the combustion chamber at maximum input.
- On forced draft burners, gas manifold pressure requirements should correspond with modulating (butterfly) valve in full open position and stable at all other firing rates.
- Take flue gas readings to determine the boiler efficiency.
- Use the manufacturer's instructions if available.
- If efficiency is low, check baffling and passes for short circuiting, and boiler for air infiltration.
- Adjust dampers and controls to optimize efficiency.
- Check burner for flashback and tight shutoff of fuel.
- Check operation of controls. Clean and adjust, if necessary.
- Satisfactory operation and adjustments should conform to manufacturer's instructions.
Oil Burner

Annual Inspection

- Review manufacturer’s instructions.
- Test and inspect burner (with or without firing) at rated pressure for leaks.
- Timed trial for ignition for pilots and burners should be in accordance with the instructions in the programmer timer.
- Check operation of automatic controls and combustion flame safeguards for normal operation. There should be no presence of oil discharge, ignition or flame.
- Check pre-ignition purging capability of burner, combustion chamber, boiler passes, and breaching. Stack dampers should be fully open during purge and light-off period.
- Check delivery of fuel in relation to its response to the ignition system. Examine electrodes for carbon build-up, discoloration, distortion, and burning of parts. Clean and adjust as necessary for proper operation.
- Check ignition transformer to supply dependable arc, adjust and regulate as required for clearance and a gap.
- Clean and adjust draft regulator and air shutter on a natural draft burner to ensure excess air quantities are at a minimum for complete combustion.
- Test with flue gas analyzer.
- Check out forced draft fan, clean fan and fan housing, check bearings, pulleys and or couplings and adjust belt tension if required, replace worn belts and lubricate pivot points on linkages as necessary.
- Check and clean filters, water separators, primary and secondary strainers.
- Clean, check operation, and adjust controls and safeties.
- Burners designed to change firing rates automatically should be checked for adequate proportioning changes in fuel and air rates.
- Check oil level sight glass to see that burner maintains proper oil level (within 1/3”) at rated output.
- Check to ensure that power cannot feedback and energize ignition devices or feed valves after a control shuts off burner.
- Clean or replace nozzles or cups, and check for tight shutoff of fuel.
- Check stacks for smoke or haze and adjust burner accordingly.
- Take flue gas readings to determine the boiler efficiency.
- Use the manufacturer’s instructions if available. If efficiency is low, check baffling and passes for short circuiting, and boiler for air infiltration.
- Adjust dampers and controls to optimize efficiency.
HVAC RFQ Scope of Work

**Boiler/Hot Water Heaters**

**Annual Inspection**

- Inspections per year, per schedule.
- Perform seasonal start-up and operating check on boilers.
- Adjust burner combustion and controls, as needed.
- Inspect the fireside of the boiler. If required, clean once per year.
- Full service includes all safety controls, minor burner components and burner regulating valves.
- This agreement does **not** include water flow, water treatment, safety relief valves, tube sheets, cast iron sections, heat exchangers, fire tubes, hand-hole plates and rings, waterside rupture and fireside refractory failure, boiler failure due to negligent acts or corrosion.
Boilers, Hot Water & Steam

Operating inspections will be performed per the agreement schedule. The items listed below and any special tasks required for the specific piece of equipment will be performed.

- Review operating logs and system operation with building engineer.
- Check and inspect gauges, monitors and indicators for any abnormalities.
- Inspect complete pressure vessel, appliances and auxiliaries for signs of leakage.
- Blow down the water and safety column to verify proper operation of low water control and bottom blow down to remove accumulated solids.
- Complete a safety check on all safety pressure controls, low water cut-off controls and flame safeguard controls. Inspect burner flame failure control.
- Run the combustion control system through a sequence of operation.
- Inspect burners, fuel strainers and filters as needed. Inspection of burner should include fuel train and all mechanical and electrical-related equipment for proper operation.
- Inspect all burner settings and linkage.
- Inspect complete fuel train for signs of leakage or abnormalities.
- Inspect all combustion draft devices for correct operation.
- Inspect all combustion doors and closures for signs of leakage or burning.
- Check for adequate combustion air intake.
- Inspect safety relief valves for signs of leakage or damage.
- Inspect all auxiliary equipment including expansion tanks, make-up regulators, pressure-reducing valves and related equipment for proper operation.
- Complete a written work order report on the above work listing any repairs, adjustments done and any required follow up work recommendations.

Complete preventive maintenance inspection will be performed per the following list and the specific manufacturers requirements.

General

- Boilers to be shut off 24 hours prior to starting the annual preventive maintenance work.
- De-energize, tag and lockout all valves and switches to completely isolate the unit.
- Inspect and check all control connections, starter and motor connections for tightness and signs of over-heating, contact pitting & overloads
- Inspect condition of breaching flues, damper and stack base.
- Clean and inspect make-up feed and pressure regulating system.
- Inspect combustion air intake dampers.
- Clean, lubricate and adjust actuator linkage as necessary.
- Check all combustion draft devices for correct operation.
- Dismantle, clean and inspect burners, fuel strainers and filters.
- Inspection of burner should include fuel train and all mechanical and electrical-related equipment for proper operation.
- Check and inspect all burner settings and linkage.
- Inspect complete fuel train for signs of leakage or abnormalities.
Waterside Steam Boilers

- Inspect watersides hand-hole and manhole covers and gaskets for signs of leakage or deterioration.
- Remove all low water cut-off head assemblies, all cross top plugs and flush out deposits.
- Re-install all head assemblies using new gaskets.
- Coat with anti-seize compound. Check all operating control piping for blockage.

Fireside

- Clean and inspect firesides.
- Open all access doors to fireside of boiler as accessible, inspect and clean.
- Clean and inspect refractory, make recommendations for corrections as necessary.
- Wash coat all refractory surfaces as needed and close firesides using an approved sealing method on access doors.

Startup

- Fire boiler and allow time for boiler to warm up from a cold start. Blow down all low water cut-off controls and verify operation.
- Complete a safety and operating control check including all safety controls, low water cut-off controls and flame safeguard controls.
- Inspect safety pressure and relief valves.
- Perform combustion analysis and adjust combustion accordingly. Adjust combustion of burner with flue gas analyzer. Record the following variables: O2, CO2, CO, stack temperature, combustion efficiency, smoke, drafts and fuel pressure and temperature.
- Complete a fuel train block and bleed test.
- Complete a pilot turndown test.
- Complete a simulated flame failure on the main flame and pilot.
- Complete a safety check of all fuel oil and/or gas controls.
- Complete a written report on all the above, including the combustion analysis.
- Check that unit and work area is broom clean and that all panels, guards, etc. are secured and tight.
- Complete log sheet with all readings, temperatures, pressures, volts, amps, etc.

NOTES: All external devices; i.e. traps, DA tanks, pressure reducing stations, pumps, etc. are excluded unless specifically noted.
Cast Iron & Hot Water Boilers

- Perform seasonal start-up and operating check on boilers.
- Adjust burner combustion and controls as needed.
- Inspect the fireside of the boiler. If required, clean once per year.
- Full service includes all safety controls, main burner components, and burner regulating valves.
- The agreement does **not** include water flow, water treatment, safety relief valves, tube sheets, cast-iron sections, heat exchanges, fire tubes, hand-hole plates and rings, waterside rupture and fireside refractory failure, boiler failure due to negligent acts or corrosion.
Steam Boilers (Condensate or Vacuum Pump)

- Review manufacturer’s instructions.
- Check condensate temperature. It should be approximately 30F.
- (17°C) below steam temperature if traps are not leaking.
- Examine flanges for steam leaks, replace gaskets as necessary.
- Pump receiver down.
- Turn condensate to sewer.
- Shut down unit.
- Clean and examine receiver, vent pipe, inlet and discharge openings for corrosion.
- Clean and adjust motor float switch and float operation on high-low water level. Inspect float rods and pressure switches.
- Make any adjustments as necessary.
- Check alignment of motor and pump coupling with straight edge. Align if necessary.
- Lubricate pump and motor.
- Adjust packing glands and change packing when necessary.

Examine vacuum breaker operation.
HVAC RFQ Scope of Work

Condensers, Air-Cooled

- Review manufacturer’s instructions.
- De-energize, lock out, and tag electrical circuits.
- Comply with the latest provisions of the Clean Air Act and Environmental Protection Agency (EPA) regulations as they apply to protection of stratospheric ozone.
- No intentional venting of refrigerants is permitted. During the servicing, maintenance, and repair of refrigeration equipment, the refrigerant must be recovered.
- Whenever refrigerant is added or removed from equipment, record the quantities on the appropriate forms.
- Recover, recycle, or reclaim the refrigerant as appropriate.
- If disposal of the equipment item is required, follow regulations concerning removal of refrigerants and disposal of the equipment.
- If materials containing refrigerants are discarded, comply with EPA regulations as applicable.
- Refrigerant oils to be removed for disposal must be analyzed for hazardous waste and handled accordingly.
- Closely follow all safety procedures described in the Material Safety Data Sheet (MSDS) for the refrigerant and all labels on refrigerant containers.

Operating Inspection

- Thoroughly inspect exterior of the unit.
- Inspect the coils for cleanliness, brush if necessary.
- Visibly inspect for refrigerant or oil leaks.
- Lubricate fan, and motor bearings as required.
- Check belt tension and alignment.
- Check entering and leaving discharge air on condenser.
- Check liquid line for sub-cooling.
- Check unit for excessive noise or vibration.

Annual Inspection

- Remove debris from airscreen and clean underneath unit.
- Pressure-wash coil with coil cleaning solution.
- Straighten fin tubes with fin comb.
- Check electrical connections for tightness.
- Check mounting for tightness.
- Check fan blades and belts. Clean fan blades as necessary.
- Check wires at condenser electrical fused safety switches for tightness and burned insulation. Repair as necessary.
Split System Condensing Units

- Inspections per year, per schedule.
- Make inspections of the system during the operating season. During each visit, check the general operation of the machine; make minor repairs and adjustments.
- Conduct the seasonal start-up and shut down and perform associated preventative maintenance.
- Condenser coils (not) cleaned once per year.
- Fan belts (not) replaced once per year.
- Fan belts (not) supplied once per year.
Air-Cooled Water Chillers

- Inspections per year, per schedule.
- Make inspections of the system during the operating season.
- Check the general operation of the machine; make minor repairs and adjustments.
- Make seasonal start-up and shut down and perform associated preventative maintenance.
- Instruct the operator or his agent in the operation of the system. This will be accomplished during regular inspections.
- Clean condenser coils (once per year.
- During the operating season, clean the air-cooled condenser as necessary to remove fouling.
Circulating Water Pumps

- Inspections per year, per schedule.
- Perform a visual inspection of the pump shaft, bearings, couplings and packing.
- Adjust packing as required.
- Lubricate motor bearings at least once per year.
Exhaust Fans

- Inspections per year, per schedule.
- Grease bearings, adjust fan belt tension, inspect condition of belts, lubricate motor and check rotation of fan wheel.
- Replace fan belt once per year if required.
- Inspect condition of sheaves and pulleys.
Fan Coil & Unit Ventilators

- Inspections per year, per schedule.
- Regularly and systematically inspect the equipment.
- Filters (not) changed by
- Filters (not) supplied by
- Grease bearings, lubricate motor, inspect coils and clean, if necessary.
- Once per year, inspect the unit casing and accessories for paint chipping or corrosion. Clean fan wheels and fan shaft. Inspect the drain pan for sludge or other foreign material and clear condensate drain line. Check damper linkage, set screws and blade adjustments for proper operation.
- Painting by others.
Fan - Vaneaxial

*Inspections will be performed per the agreement schedule. The items listed below and any tasks required for the specific piece of equipment will be performed.*

- Review operation with building engineer.
- Check that the unit is operating with the proper control set points.
- Lubrication of rotating equipment per schedule.
- Check that unit and work area is clean and that all panels, guards, etc. are secured and tight.

*A complete preventive maintenance inspection will be performed per the following list. Any tasks required for the specific piece of equipment will be performed.*

- Inspect and check all starter and motor connections for tightness and signs of overheating contact pitting & overloads.
- Megger test the motor from the load side of the starter.
- Measure and record motor voltages and amperages.
- Inspect and adjust static pressure controls.

*Annually*

- Clean the fan rotor assembly; i.e. blades, hub etc.
- Apply proper lubrication to the blade links, blade bearings and the fan motor bearings.
- Inspect the pilot positioner, test for air leaks, calibrate positioner for a 3-15# operating range and check for proper operation.
- Check blade shafts for tightness.
- Check the blade tip clearance.
- Check operation and overall condition of the fan.
- Perform vibration analysis of the fan/motor assembly.
- Furnish a written report of the vibration analysis findings and any further recommendations.
- The balancing of the fan or any other parts or repairs found necessary will be quoted separately at that time or performed on a time and material basis.

*Major overhaul: The annual items listed above plus the following:*

- Disassemble the fan rotor for thorough cleaning and inspection.
- Inspect blade bearings.
- Check the blade angle and adjust if required.
- Check that unit and work area is clean and that all panels, guards, etc., are secured and tight.
- Perform vibration analysis on the fans and pumps indicated on the schedule, once per year.
HVAC Packaged Units

Operating inspection(s) including startup and shutdown, will be performed per the equipment schedule. The items listed below and any tasks required for the specific piece of equipment will be performed.

- Review operation with building engineer.
- Log all operating conditions. Check for proper condenser and evaporator approaches and ranges. Check oil level, temperature and pressure.
- Look for any signs of oil or refrigerant leaks. Note if there is any unusual amount of noise or vibration.
- Check that the unit is operating with the proper temperature set points.
- Complete the log sheet with all readings, temperatures, pressures, volts, amps, etc.

Complete preventive maintenance inspection(s) will be performed per the schedule using the following list and the specific manufacturer’s requirements

- Check coil conditions.
- Check and calibrate safeties.
- Check expansion valves and log superheat.
- Check crankcase heater.
- Check unit charge and log.
- Check evaporator temperature differential.
- Check and clean condensate pan and drain.
- Check economizer operation as required.
- Check motor operation.
- Check and adjust belt(s).
- Check drive condition.
- Check fan condition and proper rotation.
- Check for bearing play.
- Visual inspection of alignment.
- Check contactor and points.
- Check all electrical connections.
- Check heating section.
- Lubricate as required.
- Pressure wash condenser coils.
- Install condensate pan pads/tabs.
- Check control set points.
- Change air filters.
Heating Coils (Preheat or Reheat)

- Check air-pressure drop across coil.
- Vacuum or brush the coil face; if additional cleaning is necessary, notify the Customer.
- Remove obstructions to air flow.
- Inspect coil, report any leaks.
- Test and inspect controls that protect coils against freezing.
Ice Machines

- Provide annual start-up and shut-down of machine.
- Clean and sanitize annually.
- Inspect operation of Solenoid valve; confirm refrigerant charge.
- Confirm operation and adjustment of expansion valve.
- Adjust water-regulating valve.
- Clean air-cooled condenser coils as required.
Water Treatment

- Provide water treatment service for the equipment per schedule.
- This service is designed to control and inhibit corrosion, pitting and scale formation on those metal surfaces in continuous contact with the water. The service consists of:
  - Furnishing and applying all chemicals required.
  - Regular inspections and maintenance of the chemical feeding equipment.
  - Regular chemical analysis of water samples.
  - Maintaining proper chemical concentrations as required.
HVAC RFQ Scope of Work

Pumps

Operating inspection(s) including startup and shutdown, will be performed per the equipment schedule. The items listed below and any tasks required for the specific piece of equipment will be performed.

- Check for proper operating temperatures and pressures.
- Look for any sign of leaks on flanges, gauges, trim fittings, etc.
- Note if there is any unusual noise or vibration.
- Check shaft seal for leakage. On packed seals, check for proper drip rate.

Complete preventative maintenance inspection(s) will be performed per the schedule using the following list and the specific manufacturer’s requirements:

- Inspect and check all starter and motor connections for tightness and signs of overheating, contact pitting. Check condition of motor overloads.
- Wipe clean pump and motor removing any scale build up, etc.
- Inspect drive coupling. Lubricate as required.
- Lubricate pump and motor bearings per the manufacturer’s recommendations.
- Insure that coupling guards are in place and secure.

NOTES: High voltage starters are excluded unless noted.
## SAMPLE HVAC Equipment List of the Delaware River Joint Toll Bridge Commission

### Part of Request for Quotation - Dated 4/6/2018 (ATTACHMENT C)

<table>
<thead>
<tr>
<th>M #</th>
<th>Facility (A)</th>
<th>Quantity</th>
<th>Frequency(B)</th>
<th>System Component</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Serial #</th>
<th>Rating</th>
<th>Location</th>
<th>Comment</th>
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# SAMPLE HVAC Equipment List of
the Delaware River Joint Toll Bridge Commission
Part of Request for Quotation - Dated 4/6/2018 (ATTACHMENT C)

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<th>M #</th>
<th>Facility (A)</th>
<th>Frequency(B)</th>
<th>Quantity</th>
<th>System Component</th>
<th>Manufacturer</th>
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### SAMPLE HVAC Equipment List of the Delaware River Joint Toll Bridge Commission
#### Part of Request for Quotation - Dated 4/6/2018 (ATTACHMENT C)

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<td>SN#17513N7FBA</td>
<td>Basement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>107</td>
<td>PC</td>
<td>9</td>
<td>Both Air Handler</td>
<td>Trane</td>
<td>TWE090D300AB</td>
<td>SN#17514T7XBA</td>
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<td></td>
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<tr>
<td>108</td>
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<tr>
<td>109</td>
<td>DWG</td>
<td>1</td>
<td>Fall Boiler</td>
<td>Burnham</td>
<td>PF-506</td>
<td>SN#7583162</td>
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<td>110</td>
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<td>Fall Burner</td>
<td>Burnham</td>
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<tr>
<td>111</td>
<td>DWG</td>
<td>3</td>
<td>Fall Furnace</td>
<td>Armstrong</td>
<td>LG14225275B40-2</td>
<td>SN#840E13698</td>
<td>Maint Garage</td>
<td>Oil Fired</td>
<td></td>
</tr>
<tr>
<td>112</td>
<td>DWG</td>
<td>4</td>
<td>Fall Furnace</td>
<td>Jackson/ Church</td>
<td>OL-560-S39</td>
<td>SN#72S-2463</td>
<td></td>
<td>Main Bldg Garage</td>
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<tr>
<td>113</td>
<td>DWG</td>
<td>5</td>
<td>Spring Air Conditioner Unit</td>
<td>Mitsubishi</td>
<td>PUY-A24NHA2</td>
<td>SN#73U014408</td>
<td>Outside</td>
<td></td>
<td></td>
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<tr>
<td>114</td>
<td>DWG</td>
<td>6</td>
<td>Both Air Conditioner Unit</td>
<td>Mitsubishi</td>
<td>PKA-A24FA</td>
<td>SN#73A02155B</td>
<td>IT/Telecom/ESS</td>
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<td></td>
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<tr>
<td>115</td>
<td>DWG</td>
<td>7</td>
<td>Spring Air Conditioner Unit</td>
<td>Trane</td>
<td>TTA090G300AA</td>
<td>SN#17475SM6YA</td>
<td>7.5 Ton</td>
<td>Outside</td>
<td></td>
</tr>
<tr>
<td>116</td>
<td>DWG</td>
<td>8</td>
<td>Spring Air Conditioner Unit</td>
<td>Trane</td>
<td>TTA120J300AA</td>
<td>SN#17465P7PYA</td>
<td>10 Ton</td>
<td>Outside</td>
<td></td>
</tr>
<tr>
<td>117</td>
<td>DWG</td>
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<td>Both Air Handler</td>
<td>Trane</td>
<td>TWE120D300AB</td>
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<td></td>
<td></td>
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<tr>
<td>118</td>
<td>DWG</td>
<td>10</td>
<td>Both Air Handler</td>
<td>Trane</td>
<td>TWE090D300AB</td>
<td>SN#17514A8BA</td>
<td>Basement</td>
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<td></td>
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<tr>
<td>119</td>
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<tr>
<td>120</td>
<td>MM</td>
<td>1</td>
<td>Fall Boiler</td>
<td>Weil McLain</td>
<td>Model 80 Series1</td>
<td>N/A</td>
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<td>Basement</td>
<td>Oil Fired</td>
</tr>
</tbody>
</table>
## SAMPLE HVAC Equipment List of the Delaware River Joint Toll Bridge Commission
### Part of Request for Quotation - Dated 4/6/2018 (ATTACHMENT C)

<table>
<thead>
<tr>
<th>M #</th>
<th>Facility (A)</th>
<th>Quantity</th>
<th>System Component</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Serial #</th>
<th>Rating</th>
<th>Location</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>121</td>
<td>MM 1 Fall</td>
<td>1</td>
<td>Fall Furnace</td>
<td>Jackson/ Church</td>
<td>OL-560-539RH</td>
<td>SN#725-2778</td>
<td></td>
<td>Main Garage</td>
<td>Oil Fired</td>
</tr>
<tr>
<td>122</td>
<td>MM 1 Fall</td>
<td>1</td>
<td>Furnace</td>
<td>Magic Chef</td>
<td>LPA196-1</td>
<td>SN#A-12218EHB</td>
<td></td>
<td>Outer Garage</td>
<td>Oil Fired</td>
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<tr>
<td>123</td>
<td>MM 1 Spring</td>
<td>1</td>
<td>Air Conditioner Unit</td>
<td>Mitsubishi</td>
<td>PUY-A24NHA2</td>
<td>SN#73U01446B</td>
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<td>Outside</td>
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</tr>
<tr>
<td>124</td>
<td>MM 1 Both</td>
<td>1</td>
<td>Air Conditioner Unit</td>
<td>Mitsubishi</td>
<td>PKAA24FA</td>
<td>SN#89A00724D</td>
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<td>IT/Telecom/ESS</td>
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<tr>
<td>125</td>
<td>MM 1 Spring</td>
<td>1</td>
<td>Air Conditioner Unit</td>
<td>Trane</td>
<td>TTA120J300AA</td>
<td>SN#17381MX9YA</td>
<td>10 Ton</td>
<td>Outside</td>
<td></td>
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<tr>
<td>126</td>
<td>MM 1 Spring</td>
<td>1</td>
<td>Air Conditioner Unit</td>
<td>Trane</td>
<td>TTA090G300AA</td>
<td>SN#17344K9PYA</td>
<td>7.5 Ton</td>
<td>Outside</td>
<td></td>
</tr>
<tr>
<td>127</td>
<td>MM 1 Both</td>
<td>1</td>
<td>Air Handler</td>
<td>Trane</td>
<td>TWE120D300AB</td>
<td>SN#17403WP6BA</td>
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<td>Basement</td>
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<tr>
<td>128</td>
<td>MM 1 Both</td>
<td>1</td>
<td>Air Handler</td>
<td>Trane</td>
<td>TWE090D300AB</td>
<td>SN#17342LW6BA</td>
<td></td>
<td>Basement</td>
<td></td>
</tr>
<tr>
<td>129</td>
<td>MM 1 Both</td>
<td>1</td>
<td>Heating / Cooling Unit</td>
<td>AAON</td>
<td>RM-A04-80DA01-14A</td>
<td>SN#200806-AMED12046</td>
<td></td>
<td>Toll Plaza</td>
<td>Electric</td>
</tr>
</tbody>
</table>

### Notes

- **A**: See included document for full facility name, address and local contact information.
- **B**: PM service/inspection to be addressed during spring, fall or both service(s).
- **C**: N/A - Not available
- **D**: This is a SAMPLE Equipment List that is not to be considered as an all inclusive Inventory List. This list is being provided as a guide and to share with all bidders the approximate size and approximate amount of equipment at each location.
## QUOTE SUBMISSION FORM (Attachment C)

### HVAC PREVENTATIVE MAINTENANCE AND EMERGENT SERVICES

Delaware River Joint Toll Bridge Commission (DRJTBC)

**Southern Region**

<table>
<thead>
<tr>
<th>Site / Address</th>
<th>Point of Contact</th>
<th>Routine Maintenance (Two (2) routine visits, Spring and Fall)</th>
<th>Hourly Rate for On-Call Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Morrisville Administration Building (TM)</td>
<td>Harry Fawkes (215) 384-3210</td>
<td>Base: Option Year 1: Option Year 2:</td>
<td>Hourly Rate: Parts/Equipment:</td>
</tr>
<tr>
<td>101 Wood &amp; Grove Streets Morrisville, PA 19067</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. New Hope Executive Offices (NHLT)</td>
<td>Dan Pasciullo (215) 630-9727</td>
<td>Base: Option Year 1: Option Year 2:</td>
<td>Hourly Rate: Parts/Equipment:</td>
</tr>
<tr>
<td>2492 River Road New Hope, PA 18938-9519</td>
<td>Rick Slack (215) 630-9726</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Central Region

<table>
<thead>
<tr>
<th></th>
<th>Site/Address</th>
<th>Point of Contact</th>
<th>Routine Maintenance (Two (2) routine visits, Spring and Fall)</th>
<th>Hourly Rate for On-Call Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>I-78 Toll Bridge Administration Building (I-78)</td>
<td>Bob Varju</td>
<td>Base: Option Year 1: Option Year 2:</td>
<td>Hourly Rate: Parts/Equipment:</td>
</tr>
<tr>
<td></td>
<td>14001-1 Cedarville Road Easton, PA 18042</td>
<td>(908) 319-7349</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fred Gary</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(908) 319-9630</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>EP Toll Bridge Administration Building (EP)</td>
<td>Mark Dilts</td>
<td>Base: Option Year 1: Option Year 2:</td>
<td>Hourly Rate: Parts/Equipment:</td>
</tr>
<tr>
<td></td>
<td>76 Broad Street Phillipsburg, NJ 08865</td>
<td>(908) 319-7348</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Joe Theadford</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(908)331-2026</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Northern Region

<table>
<thead>
<tr>
<th>Site / Address</th>
<th>Point of Contact</th>
<th>Routine Maintenance (Two (2) routine visits, Spring and Fall)</th>
<th>Hourly Rate for On-Call Services</th>
</tr>
</thead>
</table>
| 1 PC Toll Bridge Administration Building (PC)  
1 Bridge Approach Road  
(Route 611 & Toll Plaza)  
Portland, PA 18351 | Jim Gower  
(570) 854-8202 | Base:  
Option Year 1:  
Option Year 2: | Hourly Rate:  
Parts/Equipment: |
| 2 DWG Toll Bridge Administration Building (DWG)  
60 Delaware Avenue  
Delaware Water Gap, PA 18327 | Jim Gower  
(570) 854-8202  
Tim Hannon  
(570) 202-0608 | Base:  
Option Year 1:  
Option Year 2: | Hourly Rate:  
Parts/Equipment: |
| 3 MM Toll Bridge Administration Building (MM)  
112 Route 206  
Milford, PA 18337 | Jim Gower  
(570) 854-8202  
Matt Meeker  
(570) 807-6055 | Base:  
Option Year 1:  
Option Year 2: | Hourly Rate:  
Parts/Equipment: |
DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION
PURCHASE ORDER
INSURANCE / INDEMNITY REQUIREMENTS
(For HVAC RFP 03-26-2018)

Insurance:

Prior to the commencement of any work under the Purchase Order, Vendor (hereinafter the “Covered Party”) shall, at its sole expense, maintain the following insurance on its own behalf, with an insurance company or companies having an A.M. Best Rating of A-: Class VII or better, and furnish to the Commission Certificates of Insurance and endorsements evidencing same.

1. **Workers Compensation and Employers Liability:**
   a) Workers Compensation Coverage: statutory
   b) Employers Liability Limits not less than:
      - Bodily Injury by Accident: $100,000 each accident
      - Bodily Injury by Disease: $100,000 each employee
      - Bodily Injury by Disease: $500,000 policy limit

2. **Commercial General Liability:**
   a) Occurrence Form with the following minimum limits:
      1. General Aggregate: $2,000,000
      2. Products/Completed Operations Aggregate: $2,000,000
      3. Each Occurrence: $1,000,000
      4. Personal and Advertising Injury: $1,000,000

3. **Automobile Liability:**
   a) $1,000,000 Per Accident Combined Single Limit
   b) If hauling hazardous waste, the Policy must include Form MCS-90-Endorsement for Motor Carrier Policies of Insurance for Public Liability under Sections 29 and 30 of the Motor Carrier Act of 1980.
4. Contractor Pollution Liability Coverage:

The following insurance shall be required for Contracts that involve waste and recycling services:

a) Limits of Insurance:
   1) $1,000,000 Per Occurrence/Per Claim
   2) $2,000,000 Per Occurrence/Per Claim – Policy Aggregate

b) The Contractor Pollution Liability insurance shall include coverage for, without limitation, Clean-Up Costs, 3rd Party Bodily Injury/Property Damage, Non-Owned Disposal Site, Transportation, and Legal Defense Expense.

5. Commercial Excess/Umbrella Liability:

a) Occurrence Limit: $5,000,000
b) Aggregate Limit (where applicable): $5,000,000
c) Policy to apply excess of the Commercial General Liability, Commercial Automobile Liability and Employers Liability Coverages.
d) No Insured vs. Insured or “Cross Suits” Exclusion on the policy.
e) The Commercial Excess/Umbrella Liability Policy shall be following form.

Additional Insureds:

The Commercial General Liability and Automobile Liability policies shall be endorsed by the insurer to include the Commission, the Commonwealth of Pennsylvania and the State of New Jersey as ADDITIONAL INSUREDS on a primary and non-contributory basis.

Waiver of Rights of Recovery and Waiver of Rights of Subrogation:

All policies, including Workers’ Compensation and Employers Liability, shall be endorsed by the insurer to waive its rights of recovery and subrogation against the Commission and all Additional Insureds.

Indemnity Agreement:

To the fullest extent permitted by law, the Covered Party agrees to indemnify, defend and hold the COMMISSION, the Commonwealth of Pennsylvania, the State of New Jersey and their respective commissioners, servants, employees, agents, assigns and
affiliates (collectively, the “Indemnified Parties”) harmless from and against, any and all liabilities, losses, claims, damages, and expenses including, without limitation, costs of investigation and defense, expert witness fees, legal fees (e.g., fees of attorneys, paralegals and other legal professionals), expenses and diminution of value, whether or not involving a third party claim, arising out of or in any manner connected with the work or services to be performed for the Indemnified Parties, including, but not limited to, work or services performed under this Purchase Order or under any Change Order, or any such other work or services performed for the Indemnified Parties, even for and if caused in whole or in part by any act, omission or negligence of the Indemnified Parties.

It is expressly agreed that the indemnification contained in this Purchase Order covers claims against the Indemnified Parties made by employees of Covered Party.

If there are any liabilities, losses, claims, damages or expenses of any kind or nature unsettled when the Purchase Order has been fulfilled or completed, any unpaid amounts owed by the COMMISSION to the Covered Party shall be deferred until all such liabilities, losses, claims, damages or expenses are: (1) settled; (2) evidence of insurance coverage acceptable to the COMMISSION or indemnification acceptable to the COMMISSION is provided by the Covered Party’s insurance carrier; or (3) a bond acceptable to the COMMISSION is provided by the Covered Party to secure payment of all liabilities, losses, claims, damages and expenses owed by the Covered Party to the COMMISSION.

The terms and conditions of this indemnity agreement shall survive any cancellation, expiration or termination of the Purchase Order. The laws of the Commonwealth of Pennsylvania shall apply to the construction of the indemnification set forth above without regard to any conflicts of laws provisions.